

B.Sc / M.Sc NURSING PROGRAMME

CHILD HEALTH NURSING

OSCE / OSPE STATION BANK

OSCE /OSPE BANK COMPILATION

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Preface

The learning-assessment relationship is an integral part of educational process, its main purpose is to optimize learner's abilities which can be achieved through the implementation of Objective Structured Clinical Examination (OSCE) as an assessment tool.

This manual describes how to plan, construct and deliver an Objective Structured Clinical Examination (OSCE). An OSCE is an examining process made up of a series of stations of equal length set in a circuit. The OSCE is very resource intensive and should not be undertaken by those without experience. This manual is for examiners with some experience of running OSCEs.

The assessment of knowledge and skills plays an important part in student nurses' progression through pre-registration programmes because they need to demonstrate competency and confidence in the performance of clinical skills. This manual is a complete guide on how to prepare for an OSCE with step-by-step instructions for most common OSCE stations that nursing students can face.

Finally I would like to add my sincere words of thanks to those who have contributed to writing this clear and informative manual.


Prof. Dr. (Mrs) S. Ani Grace Kalaimathi
RN, RM, Ph.D., MBA., BGL.,
Registrar, TNNMC, Chennai.

To

✓ The Principal,
Omayal Achi College of Nursing,
Chennai.

2. SNIPPET ON OBJECTIVE STRUCTURED CLINICAL EVALUATION

Objective Structured clinical evaluation is a modern type of clinical/ performance based examination often used in health sciences. It is executed in a planned & structured way with much attention on maintaining the objectivity of the examination.

1) FEATURES OF OSCE

- Stations are short
- Highly focused
- Present structured mark scheme
- Reduced examiner discretion
- Emphasizes on clinical competence than knowledge
- Test the application of knowledge than recalling
- 8p features
- Performance Assessment
- Process and product
- Profile of Learner
- Progress of Learner
- Public Assessment
- Participation of staff

2) OSCE THE GOLD STANDARD FOR PERFORMANCE:

- Valid
- Reliable
- Feasible
- Flexible
- Fair
- Acceptable
- Provision of feed back
- Educational impact
- Cost effective

3) SIGNIFICANCE OF OSCE IN NURSING EDUCATION

PRIMARY SIGNIFICANCE

- Summative Assessment – Certifying compliance
- Formative Assessment – Provision of feed back
- Assessment of a Learners progress
- Prediction of a Learners future performance
- Selection of students for admission to health care profession

SECONDARY SIGNIFICANCE

- Evaluating curriculum content
- Evaluating course delivery
- Evaluating approaches to leaching & learning
- Reinforcing specific learning out comes
- Evaluating the teacher

4) WHAT IS ASSESSED IN AN OSCE?

Learning outcomes and competencies

- Clinical Skills
- Practical procedures
- Patient Management
- Health promotion
- Disease prevention
- Professionalism
- System based practice
- Personal development
- Communication skills
- Information Handling
- Understanding of Basic & clinical sciences
- Attitude & Ethics
- Decision making
- Clinical reasoning
- International relationship skills
- Team work investigations

5) THE MAJOR COMPONENTS ARE:

1. The (examination) coordinating committee
2. The examination coordinator
3. Lists of skills, behaviors and attitudes to be assessed
4. Criteria for scoring the assessment (marking scheme of checklist)
5. The examinees
6. The examiners
7. Examination site
8. Examination stations
 - 8.1 Time and time allocation between stations
 - 8.2 Anatomic models for repetitive examinations (Breast, Pelvic/Rectum)
 - 8.3 Couplet Station
 - 8.4 Examination Questions
 - 8.5 Environment of Exam Station
 - 8.6 Examination Station Circuit
9. Patients Standardized or Simulated
 - 9.1 Instruction to Patients
10. Timekeeper, time clock and time signal
11. Contingency Plans
12. Assessment of Performance of the OSCE

6) FACTORS INFLUENCING OSCE:

- No of examiner
- Purpose of exam
- The breath of focus of the examination
- The learning out comes to be Assessed (Physical Examination/ interpersonal skills)
- The resources available (Examiners, real patients/simulated patients/ simulators.
- The options with regard to the venue
- The stage in training or seniority of the examinee
- No of stations
- Length of time allotted for each station
- Number of circuits
- Use of procedure and question station
- Use of double and linked stations
- Organization of the station in a circuit and

7) SETTING FOR AN OSCE :

Choosing a Location

1. Reasonable Proximal
2. Linear Arrangements
 - Multi site OSCE
1. Selecting multi leaching hospitals/ colleges simultaneously

9) EXAMINER

No of Examiner

- Single examiner/station

Who are the Examiners

- Tutor/clinical instructor/Lectures
- Asst professor/clinical perception
- Associate Professor/Professor

After the Examination:

1. Marking written question stations.
2. Deciding the outcome for each examinee.
3. Providing feedback to examinees individually or in a group.
4. Evaluation the stations and the examination process.

Role of examiner

Before the OSCE

1. Prepare OSCE blueprint
2. Design individual stations
3. Adapting standard procedures
4. Briefing candidates, examiners and simulated points

During OSCE:

1. Check resources at the stations
2. Greeting the examiner / check the examiner register No.
3. Observe the Examiners, observe and complete the checklist / rating scale.
4. Provide comments on the scoring sheet regarding the performance.
5. Confirmation that a SP at the station portrays the clinical condition approximately.
6. Ensures that the station keeps to time and examiners moves to the next station on the time signal.
7. Keeps a record of any problems that arise in the examination

After the OSCE

1. As a part of group exercise
2. Feedback without scoring sheets
3. Feedback with individual score sheet
4. Viewing a personal video recording
5. Meeting with individual examiners

Feedback to the Students in difficulty: Approaches of OSCE feedback

1. Audio feedback
2. Personalized feedback
3. Group feedback
4. Video feedback
5. Using annotated examiners score sheet
6. Formative and summative feedback

9.1 INSTRUCTIONS FOR EXAMINERS:

1. Any verbal instructions to be given to the candidate in addition.
2. Instruction to the SP
3. Directions as to the record to be kept of the candidate's Performance.

9.2) TRAINING OF THE EXAMINER:

Brief the Examiner about the philosophical underpinning the OSCE

- The interpretation and OSCE format
- The timing and arrangements
- Examiner role for conducting & feedback

10) IMPLEMENTING AN OSCE

Includes the

10.1 Advance planning for an OSCE

10.2 Implementing the OSCE

10.1 ADVANCE PLANNING:

1. Identify and agree the individuals and committee members responsible for OSCE
2. Confirm the purpose of the examination the areas to be assessed.
3. Agree a timeline
4. Decide the number and duration of stations to be included.
5. Arrange a suitable venue / venues
6. Prepare on examination grid / blue print.
7. Prepare a list of stations
8. Develop individual stations
9. Proposal for each station.
10. Agree the marking scheme
11. Appoint examiners.
12. Arrange simulated patients.
13. Organize resources
 1. Equipments / Furniture
 2. Patient simulation
 3. timing device
14. Organize catering
15. Prepare packets for each station
16. Finalize the master list of stations
17. Prepare a map of OSCE circuit
18. Prepare direction arrows and station identification cards.
19. Prepare a smaller set of cards with station numbers.
20. Prepare list of candidates
21. Inform candidate in advance
22. Set up stations.

10.2 . IMPLEMENTING OSCE: On the day of examination.

1. The OSCE lead to be present 1 hour before scheduled time.
2. Simulated and real points – 30 minutes before start time.
3. Examiner – 30 Minutes before start time.
4. Presence of reserve examiner
5. Examinee – 30 minutes prior to start
6. Bell signals the start.
7. Time keeper regulates the time
8. Candidates to give written response where required.
9. Refreshments – patients and examiners during 30 minutes break time between circuits.
10. Second group of examinee – maintain integrity by assembling them before the end of first circuit.
11. Thank all concerned and arrange expenses for pts.
12. Document nts and problems that had occurred

11) EVALUATION OF OSCE:

Importance of OSCE evaluation

- Validation should be an ongoing responsibility
- Provides guidelines for quality improvement

Questions to be addressed was the OSCE

- Valid
- Reliable
- Cost effective
- Examiner's properly trained
- Instruction to examinees clear
- Appropriate feedback given
- Appropriate standard setting process implemented
- Impact of OSCE on examinees, teachers and curriculum planning

Contributors to Evaluation

- Examiners
- Examinees
- Simulated Patents
- Committee
- External Evaluation
- Administrative and supportive staff
- Clinicians.

Validity

- Content validity * Criterion Validity * Predictive Validity

Reliability:

- Stability reliability
- Alternate form Reliability
- Internal Consistency reliability
- Approaches to test Reliability
- Classical test theory _CTT
- Generalizability theory – GT
- Item response theory – IRT

Points to be considered

- If higher failure roles appraise if
- An in appropriate station standard
- Technical problem in the station
- Not a part of expected learning outcome
- Deficient teaching and learning programme

12) FEEDBACK TO EXAMINEE:

1. Importance of feedback
 - OSCE feedback promotes learning
 - Used as a formative assessment tool
 - Provides strength and weaknesses
 - OSCE feedback is focused on the domain wise skills than overall scoring, timing, mode,

13) OSCE FEEDBACK TYPES:

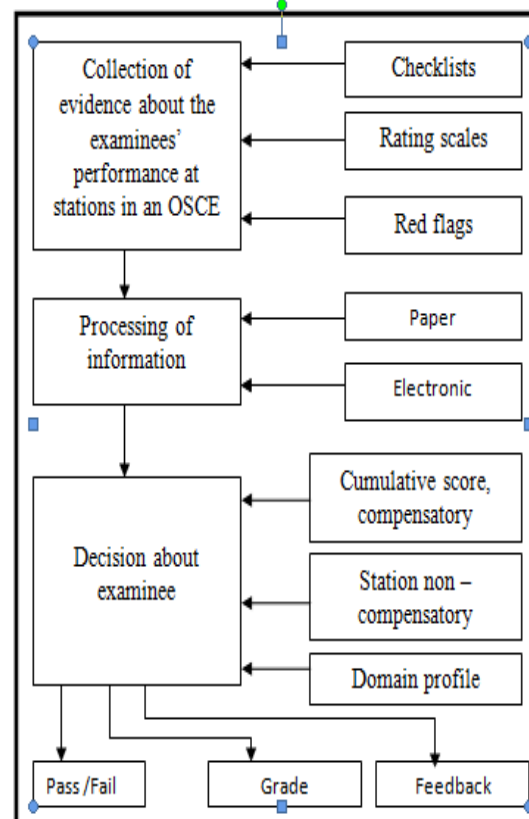
- A. During OSCE
 1. At the procedure station
 2. Immediately after procedure station
- B. After the OSCE
 6. As a part of group exercise
 7. Feedback without scoring sheets
 8. Feedback with individual score sheet
 9. Viewing a personal video recording
 10. Meeting with individual examiners
- C. Feedback to the Sts in difficulty
- D. Approaches of OSCE feedback
 7. Audio feedback
 8. Personalized feedback
 9. Group feedback
 10. Video feedback
 11. Using annotated examiners score sheet
 12. Formative and summative feedback

14) EXAMINEES PERSPECTIVE – OSCE:

- Full briefing in advance, will promote positive attitude.
- Students are informed that OSCE is powerful learning experience.
- Students should be engaged in planning implementation and evaluation of OSCE.

EVALUATING THE EXAMINEES PERFORMANCE:

- Careful attention is given to
- Collecting of evidences during OSCE
- Use of this evidence for informed decision
- Provision of meaningful feedback to examinees and curriculum developers



16) EVALUATION OF OSCE:

1. Importance of OSCE evaluation
 - Validation should be an ongoing responsibility
 - Provides guidelines for quality improvement
 - Valid
 - Reliable
 - Cost effective
 - Examiner's properly trained
 - Instruction to examinees clear
 - Appropriate feedback given
 - Appropriate standard setting process implemented
 - Impact of OSCE on examinees, teachers and curriculum planning
2. Contributors to Evaluation
 - Examiners
 - Examinees
 - Simulated Patients
 - Committee
 - External Evaluation
 - Administrative and supportive staff
 - Clinicians.
3. Validity
 - Content validity
 - Criterion Validity
 - Predictive Validity
4. Reliability:
 - Stability reliability
 - Alternate form Reliability
 - Internal Consistency reliability
 - Approaches to test Reliability
 - Classical test theory _CTT
 - Generalizability theory – GT
 - Item response theory – IRT
5. Points to be considered
 - If higher failure roles appraise if
 - An in appropriate station standard
 - Technical problem in the station
 - Not a part of expected learning outcome
 - Deficient teaching and learning programme

17) LIMITATION OF OSCE

Perceived limitations of an OSCE and possible responses

Limitations	Response
The OSCE does not assess a holistic approach to a patient	Use the OSCE alongside other tools, such as portfolios and work – based assessment instruments.
The OSCE assesses only a limited sample of competencies.	Use a blueprint to sample across the outcome domains, the body systems and the core tasks.
The OSCE is resource intensive	With organization, the resources required can be contained. The cost – benefit ratio is favorable.
The role of the examiner is prescribed.	Within the the set framework, the examiner can also use his/her judgment.
Only minimum competence is tested in the OSCE	The scoring system can also reflect excellence. More advanced stations can be included.
Some learning outcomes are difficult to assess in the OSCE.	Performance in an OSCE can be triangulated with ratings from other assessments.
Students' behaviours are influenced by the context.	Design the OSCE to be as close to real practice as possible.
The OSCE is stressful.	Students should be briefed and prepared.

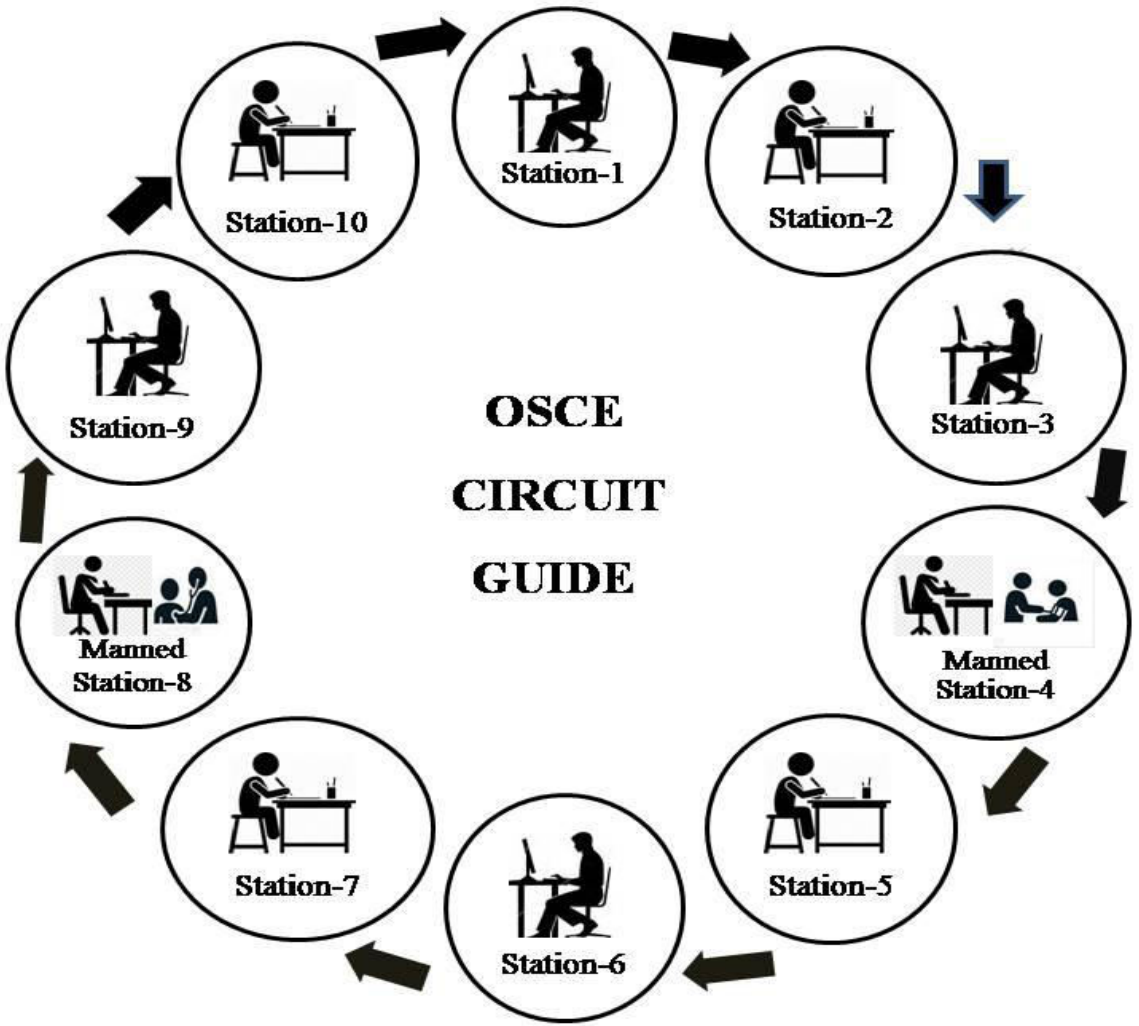
18) VISION FOR THE OSCE:

A Vision for the OSCE over the next decade
The OSCE being an integral part of the curriculum
Assessment for learning and assessment as learning
Assessment of different competencies
The OSCE as a progress test
Adaptive and sequential testing with the OSCE
Student engagement and the OSCE
Appropriate use of technology in the OSCE
Greater collaboration

REFERENCE:

Harden RM., Lilley P., Patricio M. The definitive guide to the OSCE – The Objective Structured Clinical Examination as a performance assessment, Elsevier Edinburgh, UK, 2016.

3. OSCE CIRCUIT GUIDE



4. CONTRIBUTORS LIST

**OBJECTIVE STRUCTURED CLINICAL EXAMINATION (OSCE) /
OBJECTIVE STRUCTURED PRACTICAL EXAMINATION (OSPE) STATION BANK**

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B.Sc NURSING DEGREE PROGRAM-III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

TEST MAP-BASED ON BLUE PRINT

Station Num	Type Of Station	Program Component	Item Title	Competency Test	Proposed Test File	Domains Of Clinical Experience									
						Communication		Examination		Procedure			Cognitive Skills		
						HT	OC	PE	VSI	TP	DP	IAFT	DI	DM	PS
1	Unmanned	Nutrition Disorder	Calculation of degree of Malnutrition	DI	Print out								1		
2	Unmanned	Respiratory	Identification of adventitious lung sound	VSI	Audio				1						
3	Unmanned	Cardiac	Cyanotic spell	DM	Printout									1	
4	Unmanned	Newborn	Identification of congenital anomalies	VSI	Pictures				1						
5	Unmanned	Newborn	Identification of Newborn reflexes	VSI	Video				1						
6	Unmanned	Therapeutic procedures	Identification of Instruments used for diagnostic procedures	DP	Instruments						1				
7	Unmanned	Medication administration	Oral drug calculation	PS	Print out										1
8	Unmanned	Fluid and Electrolyte balance	Intravenous fluid calculation	PS	Print out										1
9	Manned	Communication	History collection	HC	Simulated patient	1									
10	Manned	Gastro Intestinal	Naso gastric tube feeding	TP	Mannequin					1					

Key Words:

HT: History taking
 OC: Other communication
 PE: Physical examination

VSI: Virtual sign identification
 TP: Therapeutic procedure
 DP: Diagnostic procedure

IAFT: Identification of abnormal test finding
 DI: Data interpretation

DM: Decision making
 PS: Problem solving

Subject Coordinator

Head of the Department

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 –DATA INTERPRETATION – DEGREE OF MALNUTRITION

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to assess the candidate's ability to

- Calculate the expected weight and identify the degree of malnutrition

Instructions:

- Check the response sheet for expected weight and degree of malnutrition
- Score '2' for each correct answer and '0' for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 –DATA INTERPRETATION – DEGREE OF MALNUTRITION (DOM)

SCORING SHEET

Interpretation	Score	Registration Number									
Expected weight formula	2										
Expected weight calculation	2										
DOM formula	2										
DOM calculation	2										
DOM interpretation	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 –DATA INTERPRETATION – DEGREE OF MALNUTRITION

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet with scenario	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 –DATA INTERPRETATION – DEGREE OF MALNUTRITION

ANSWER KEY

Expected Weight = Age in years X 2 + 8 = 6 X 2 + 8 = 20

Degree of Malnutrition = Actual weight / Expected weight X 100 (Acc. to Indian Academy of Pediatrics)
= 10 / 20 X 100 = 50%

Interpretation = IV degree malnutrition

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 –DATA INTERPRETATION – DEGREE OF MALNUTRITION

INSTRUCTION FOR THE EXAMINEE

- Read the scenario given below and document the expected weight and degree of malnutrition in the sheet given to you.
- Drop the response answer sheet in the drop box

Scenario

Master. Ashwin 6 years old got admitted in pediatric ward with the complaints of fever. Calculate the expected weight and degree of malnutrition. Weight of the child is 10kg.

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 –DATA INTERPRETATION – DEGREE OF MALNUTRITION

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO 2 : VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF ADVENTITIOUS LUNG SOUND

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to assess the candidate's ability to

- Identify and document the appropriate sounds correctly

Instructions:

- Check the answers documented
- Score '2' for each correct sound identified and '0' for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 2 - VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF ADVENTITIOUS LUNG SOUND

SCORING SHEET

Interpretation	Score	Registration Number									
Sound 1	2										
Sound 2	2										
Sound 3	2										
Sound 4	2										
Sound 5	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF ADVENTITIOUS LUNG SOUND

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • Laptop with Audio sound • Headset	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF ADVENTITIOUS LUNG SOUND

ANSWER KEY

1. Expiratory Wheeze
2. Inspiratory wheeze
3. Normal vesicular breath sounds
4. Crackles
5. Stridor

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 –VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF ADVENTITIOUS LUNG SOUND

INSTRUCTION FOR THE EXAMINEE

- Listen the audio and identify the sounds.
- Document all the sounds identified.
- Drop the response sheet in the drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 –VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF ADVENTITIOUS LUNG SOUND

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – DECISION MAKING – CYANOTIC SPELL

INSTRUCTION TO THE EXAMINER

Objective:

This station is designed to assess the candidate's ability to

- Specify the symptom
- Write the appropriate nursing measures

Instructions:

- Check the answer documented
- Score '2' for each nursing measures identified and '0' for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – DECISION MAKING – CYANOTIC SPELL

SCORING SHEET

Interpretation	Score	Registration Number									
Symptom	2										
Nursing measure 1	2										
Nursing measure 2	2										
Nursing measure 3	2										
Nursing measure 4	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – DECISION MAKING – CYANOTIC SPELL

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet with Scenario	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – DECISION MAKING – CYANOTIC SPELL

ANSWER KEY

Symptom : Cyanotic Spell / Cyanosis

Any **4 Nursing measures** can be written :

1. Activate emergency system
2. Place infant in knee – chest position
3. Administer 100 % oxygen by face mask
4. Administer IV Morphine / propranolol
5. Reassure the child
6. Inform the doctor and follow medication orders
7. Perform physical assessment

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 –DECISION MAKING – CYANOTIC SPELL

INSTRUCTION TO THE EXAMINEE

- Read the scenario and answer the questions given below
- Document your answers in the sheet provided
- Drop the response sheet in the drop box

Scenario

A 2 year old infant known case of TOF is admitted in the ward. He was playing in the play room. Suddenly his father rushes to you in the nurse's station stating that the child is unresponsive. You observe the child turned blue with rapid, shallow respirations, not responding to call.

- Write the symptom identified from this scenario
- Document the nursing measures.

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – DECISION MAKING – CYANOTIC SPELL

EXAMINEES RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – VIRTUAL SIGN IDENTIFICATION –IDENTIFICATION OF CONGENITAL ANOMALIES

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to assess the candidate's ability to

- Identify the congenital anomalies

Instructions:

- Check the documented congenital anomalies
- Give '2' mark for the correct answer and '0' mark for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF CONGENITAL ANOMALIES

SCORING SHEET

Interpretation	Score	Registration Number									
Flash card 1	2										
Flash card 2	2										
Flash card 3	2										
Flash card 4	2										
Flash card 5	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 - VIRTUAL SIGN IDENTIFICATION –IDENTIFICATION OF CONGENITAL ANOMALIES

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • Flash cards - 5	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF CONGENITAL ANOMALIES

ANSWER KEY

1. Hydrocephalus
2. Cleft lip
3. Cleft palate
4. Spina bifida
5. Congenital hip dysplasia

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO 4:– VIRTUAL SIGN IDENTIFICATION –IDENTIFICATION OF CONGENITAL ANOMALIES

INSTRUCTION FOR THE EXAMINEE

- Observe the flash cards, Identify the anomalies and write it in response sheet
- Drop the response sheet in drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO 4:– VIRTUAL SIGN IDENTIFICATION –IDENTIFICATION OF CONGENITAL ANOMALIES

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 - VIRTUAL SIGN IDENTIFICATION - IDENTIFICATION OF NEWBORN REFLEXES

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to assess the candidate's ability to

- Identify the newborn reflexes

Instructions:

- Check the answer documented by the examinee.
- Score '2' for each reflex documented correctly or score '0' if documented wrongly.

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 - VIRTUAL SIGN IDENTIFICATION - IDENTIFICATION OF NEWBORN REFLEXES

SCORING SHEET

Interpretation	Score	Registration Number									
Reflex 1	2										
Reflex 2	2										
Reflex 3	2										
Reflex 4	2										
Reflex 5	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 - VIRTUAL SIGN IDENTIFICATION - IDENTIFICATION OF NEWBORN REFLEXES

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • Laptop with reflex videos • Headset	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 - VIRTUAL SIGN IDENTIFICATION - IDENTIFICATION OF NEWBORN REFLEXES

ANSWER KEY

1. Moro Reflex
2. Babinski Reflex
3. Stepping Reflex
4. Rooting Reflex
5. Palmar grasp Reflex

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 – VIRTUAL SIGN IDENTIFICATION - IDENTIFICATION OF NEWBORN REFLEXES

INSTRUCTION FOR THE EXAMINEE

- Watch the instruments and document the instruments in the sheet given to you.
- Drop the response sheet in the drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 - VIRTUAL SIGN IDENTIFICATION -IDENTIFICATION OF NEWBORN REFLEXES

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 - DIAGNOSTIC PROCEDURE - INSTRUMENTS USED FOR DIAGNOSTIC PROCEDURE

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to assess the candidate's ability to

- Observe and identify the instruments

Instructions:

- Check the answer documented by the examinee.
- Score '2' for each instrument documented correctly or score '0' if documented wrongly.

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 - DIAGNOSTIC PROCEDURE - INSTRUMENTS USED FOR DIAGNOSTIC PROCEDURE

SCORING SHEET

Interpretation	Score	Registration Number									
Instrument 1	2										
Instrument 2	2										
Instrument 3	2										
Instrument 4	2										
Instrument 5	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 - DIAGNOSTIC PROCEDURE - INSTRUMENTS USED FOR DIAGNOSTIC PROCEDURE

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • Instruments	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 - DIAGNOSTIC PROCEDURE - INSTRUMENTS USED FOR DIAGNOSTIC PROCEDURE

ANSWER KEY

1. Umbilical catheter
2. Lumbar puncture needle
3. Bone marrow aspiration needle
4. Thermoscaner
5. Pulseoximeter

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 - DIAGNOSTIC PROCEDURE - INSTRUMENTS USED FOR DIAGNOSTIC PROCEDURE

INSTRUCTION FOR THE EXAMINEE

- Watch the instruments and document the instruments in the sheet given to you.
- Drop the response sheet in the drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 - DIAGNOSTIC PROCEDURE - INSTRUMENTS USED FOR DIAGNOSTIC PROCEDURE

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 – PROBLEM SOLVING - ORAL DRUG CALCULATION

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to assess the candidate's ability to

- Calculate the prescribed oral drug.

Instructions:

- Check the answer documented by the examinee.
- Score '2.5' for each point correct answer and score '0' for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 – PROBLEM SOLVING - ORAL DRUG CALCULATION

SCORING SHEET

Interpretation	Score	Registration Number									
Formula	2.5										
Calculation	2.5										
Total	5										

Signature of the examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 – PROBLEM SOLVING - ORAL DRUG CALCULATION

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet with Scenario • Physician order	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet printout • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 – PROBLEM SOLVING - ORAL DRUG CALCULATION

ANSWER KEY

Formula:

Ordered dose / Dose in hand X Dilution ml = Amount in mg

Drug calculation

$$x / 125 \times 5 = 3$$

$$x = 3 \times 125 / 5$$

$$= 375 / 5$$

$$= 75 \text{ mg}$$

3 ml of P125 contains 75 mg

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO 7: – PROBLEM SOLVING - ORAL DRUG CALCULATION

INSTRUCTION FOR THE EXAMINEE

Read the scenario given below and do the drug calculation in the sheet given to you.

Scenario

- Master. Sekar 6 month old, weighing 5 kg admitted in pediatric ward with the complaints of fever for 3 days, on examination child was febrile vital signs-temperature was 101 degree F, Pulse-92 beats/min, Respiration - 48 breaths per minute.
- Identify how many mg of Paracetamol is in 3ml syrup.

Physician Prescription

Name of the Drug	Dose	Route	Frequency
Syp. P125	3ml	Oral	Q4th hourly

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 – PROBLEM SOLVING - ORAL DRUG CALCULATION

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 - PROBLEM SOLVING - IV FLUID CALCULATION

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to assess the candidate's ability to

- Calculate IV fluid calculation

Instructions:

- Check the answer documented by the examinee
- Score “2.5” for each correct answer and score “0” for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 - PROBLEM SOLVING - IV FLUID CALCULATION

SCORING SHEET

Interpretation	Score	Registration Number									
Formula	2.5										
Drops / Min	2.5										
Total	5										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 - PROBLEM SOLVING - IV FLUID CALCULATION

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet with scenario	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO 8: PROBLEM SOLVING -IV FLUID CALCULATION

ANSWER KEY

IV fluid calculation

Formula: Drops / Minute = Amount of fluid X Drop Factor / Time of Administration X 60

$$= 40 \text{ ml} \times 60 / 1 \times 60$$

$$= 40 \text{ Drops / minute}$$

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 - PROBLEM SOLVING - IV FLUID CALCULATION

INSTRUCTION FOR THE EXAMINEE

- Read the scenario given below and calculate IV fluid calculation in the sheet given to you.
- Drop the response sheet in the drop box

Scenario

Master. Sekar 10 month old, weighing 10 kg admitted in paediatric ward, physician ordered to administer NS 0.9 % 40 ml per hour. Identify the drops/min to be administered.

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 - PROBLEM SOLVING - IV FLUID CALCULATION

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 –HISTORY COLLECTION – BIRTH HISTORY FROM A DOWN SYNDROME MOTHER

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to assess the candidate's ability to

- Collect birth history from the mother

Instructions:

- Check the content of the history (Antenatal, Intranatal & Postnatal)
- Observe the examinee in performing the following steps in the right order
- Score “2” if the task is performed **competently**
- Score “1” for **partially competent**
- Score “0” if the task is **not performed or performed with incompetent**
- Calculate the total score

STATION NO: 9 – HISTORY COLLECTION – BIRTH HISTORY FROM A DOWN SYNDROME MOTHER

S.No	Procedure	Max Score	Registration number									
1.	Introduces Self	2										
2.	Explains the purpose of the history collection	2										
3.	Antenatal • Age at pregnancy • Consanguinity • Exposure to drugs/radiation • Problems during pregnancy • TT Injection • Anomaly scan • Number of Antenatal Visits	2										
4.	Intranatal • Place of delivery • Mode • Delivery conducted by • Apgar • Birth weight	2										
5.	Postnatal • Time of breast feeding initiation • Any problems faced • Condition of baby	2										
	Total	10										

Signature of Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 – HISTORY COLLECTION – BIRTH HISTORY FROM A DOWN SYNDROME MOTHER

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction with Scenario • Information to simulated mother • Simulated mother	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • pencil • Gong bell • Drop box	• Response sheet

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 – HISTORY COLLECTION – BIRTH HISTORY FROM A DOWN SYNDROME MOTHER INFORMATION TO THE SIMULATED PATIENT

Your role: Mother, named Mrs.Priya, aged 32 years.

Demographic data

- Name: Mrs.Priya
- Age: 32 years
- Educational qualification: BBA
- Marital status: Married
- Occupation: IT professional.
- Religion: Hindu
- Family income: Rs.50,000/ month

Information to be volunteered at the start of the procedure.

- You have a 2 years old male baby diagnosed with down syndrome with VSD. You have to give information about that you got conceived at the age of 30 by IVF, it was a consanguineous marriage, had history of spotting during second trimester, had 9 regular visits with proper vaccination and iron supplements.
- Baby was delivered at AA hospital via LSCS. Baby cried after birth and was pink in colour. His birth weight was 2.75 Kg
- Started breastfeeding after 4 hours of birth and during his development you have noticed single palmer crease, short neck, small ears and small hands and legs.

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 – HISTORY COLLECTION – BIRTH HISTORY FROM A DOWN SYNDROME MOTHER

INSTRUCTIONS TO THE EXAMINEE

- Collect the birth history from the mother for the given child



Scenario

Baby. Ragav 2 year old boy is a known case of Down's Syndrome with VSD. Collect the birth history from his mother Mrs. Priya.

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 – HISTORY COLLECTION – BIRTH HISTORY FROM A DOWN SYNDROME MOTHER
EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 10 - THERAPEUTIC PROCEDUR - NASOGASTRIC TUBE FEEDING

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to assess the candidate's ability to

- Perform the procedure systematically
- Follow aseptic technique

Instructions:

- Observe the examinee performing the following steps in the right order
- Score “2” if the task is performed **competently**
- Score “1” for **partially competent**
- Score “0” if the task is **not performed or performed with incompetent**
- Calculate the total score

STATION NO: 10- THERAPEUTIC PROCEDURE - NASOGASTRIC TUBE FEEDING

S. No	Interpretation	Max Score	Registration Number									
1.	Spread towel over child's chest	2										
2.	Aspirate the stomach contents and ensuring tube placement.	2										
3.	Pinch the tube and attach barrel or feeding syringe to tube.	2										
4	Pour milk into the syringe barrel by raising barrel above the height of child's head.	2										
5.	Check for the flow of milk under gravity											
6.	Fill feed into syringe barrel when it is three- quarters empty,	2										
7.	After feeding is completed, pour 2 ml of water in the tube.	2										
8.	Pinch the tube to stop feeding.	2										
9.	Close the end of feeding tube and secure	2										
10.	Document the procedure	2										
	Total	20										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 10 - THERAPEUTIC PROCEDUR - NASOGASTRIC TUBE FEEDING

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet with Scenario • Cot – 1 • Pillow – 2 • Screen - 2 • Mannequin - newborn • Hand sanitizer • Gloves • A clean tray containing ○ NG tube ○ Syringe – 2ml, 10ml ○ Stethoscope ○ Bowel ○ K basin ○ Gauze ○ Towel - 1	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell • Drop box	• Response sheet

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 10 - THERAPEUTIC PROCEDUR - NASOGASTRIC TUBE FEEDING

INSTRUCTION FOR THE EXAMINEE

- Read the scenario given and perform the procedure.

Scenario

Baby of Dylan of 2 days admitted in the NICU as preterm with 30 weeks of gestation, neonate is on nasogastric tube feeding. Physician order to feed the neonate with 5ml of expressed breast milk 6th hourly for 2 days, perform the procedure with appropriate steps.

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 10 - THERAPEUTIC PROCEDURE - NASOGASTRIC TUBE FEEDING

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the examinee

Signature of the Examiner

B.Sc. NURSING DEGREE PROGRAM
CLINICAL SPECIALITY-CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

SCORE COMPILATION SHEET

Date:

Name of the examination:

Registration number of students allotted: From _____ to _____

Total number of students: Allotted: _____ Attended: _____ Absent: _____

Registration Number	Station -Max Scores							Total score (Max 100)	%	Final OSCE/OSPE Score (University prescribed)
	1	2	3	4	5	6	7			
	HC	VSI	DM	DI	DP	PS	TP			
	10	30	10	10	10	10	20			

Name and signature with date:

Internal Examiner

External Examiner

**B.Sc NURSING DEGREE PROGRAM-III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)**

TEST MAP-BASED ON BLUE PRINT

Station Num	Type Of Station	Program Component	Item Title	Competency Test	Proposed Test File	Domains Of Clinical Experience									
						Communication		Examination		Procedure			Cognitive Skills		
						HT	OC	PE	VSI	TP	DP	IAFT	DI	DM	PS
1	Unmanned	Newborn	Interpretation of Ballard score	IATF	Print out							1			
2	Unmanned	Resuscitation	Identification of Parts of ambu bag	VSI	Print out				1						
3	Unmanned	Nutritional disorders	Identification of Nutritional Disorders	VSI	Printout				1						
4	Unmanned	Oxygenation	Identify the flow rate of venture masks	VSI	Printout				1						
5	Unmanned	Immunizations	Identification of Vaccines	DM	Vaccine vials									1	
6	Unmanned	Gastrointestinal disorder	Degree of dehydration	DM	Print out									1	
7	Unmanned	Play	Identification of Types of Play	VSI	Pictures				1						
8	Manned	Infant	Weaning	OC	Mannequin		1								
9	Unmanned	Hospitalisation	Identification of Restraints	VSI	Printout				1						
10	Manned	Medications	Intramuscular injection	TP	Mannequin					1					

Key Words:

HT: History taking
TP: Therapeutic procedure
OC: Other communication
PE: Physical examination
VSI: Virtual sign identification

DI: Data interpretation
PS: Problem solving
IATF: Identification of abnormal test finding
DP: Diagnostic procedure
DM: Decision making

Subject Coordinator

Head of the Department

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 – IDENTIFICATION OF ABNORMAL TEST FINDING – INTERPRETATION OF BALLARD

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Find out the gestational age of the preterm baby

Instructions:

- Check the calculation and gestational age
- Give '2.5' mark for each correct answer and '0' mark for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 – IDENTIFICATION OF ABNORMAL TEST FINDING – INTERPRETATION OF BALLARD

SCORING SHEET

Interpretation	Score	Registration Number									
Calculation	2.5										
Gestational Age	2.5										
Total	5										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 – IDENTIFICATION OF ABNORMAL TEST FINDING – INTERPRETATION OF BALLARD

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 – IDENTIFICATION OF ABNORMAL TEST FINDING –INTERPRETATION OF BALLARD

ANSWER KEY

Neuromuscular Maturity

Score	-1	0	1	2	3	4	5
Posture							
Square window (wrist)	>90°	90°	60°	45°	30°	0°	
Arm recoil		180°	140°–180°	0°–140°	90°–110°	<90°	
Popliteal angle	180°	160°	140°	120°	100°	90°	
Scarf sign							
Heel to ear							

Physical Maturity

Skin	Sticky, friable, transparent★	Gelatinous, red, translucent	Smooth, pink; visible veins	Superficial peeling and/or rash; few veins	Cracking, pale areas; rare veins	Parchment, deep cracking; no vessels	Leathery, cracked wrinkled	
Lanugo	None	Sparse	Abundant	Thinning	Bald areas	Mostly bald	Maturity Rating	
Plantar surface	Heel-toe 40-50 mm: -1 <40 mm: -2	>50 mm, no crease★	Faint red marks	Anterior transverse crease only★	Creases anterior 2/3	Creases over entire sole	Score	Week
Breast	Imperceptible★	Barely perceptible	Flat areola, no bud	Stippled areola, 1-2 mm bud	Raised areola, 3-4 mm bud	Full areola, 5-10 mm bud	-10	20
							-5	22
							0	24
							5	26
							10	28
Eye/Ear	Lids fused loosely: -1 tightly: -2	Lids open; pinna flat; stay folded★	Slightly curved pinna; soft; slow recoil	Well curved pinna; soft but ready recoil	Formed and firm, instant recoil	Thick cartilage, ear stiff	15	30
							20	32
							25	34
Genitals (male)	Scrotum flat, smooth	Scrotum empty, faint rugae★	Testes in upper canal, rare rugae	Testes descending, few rugae	Testes down, good rugae	Testes pendulous, deep rugae	30	36
							35	38
Genitals (female)	Clitoris prominent, labia flat	Clitoris prominent, small labia minora	Clitoris prominent, enlarging minora	Majora and minora equally prominent	Majora large, minora small	Majora cover clitoris and minora	40	40
							45	42
							50	44

Calculation : (-1)+(-1)+(-1)+(-1)+(-1)+0+0+0 +1+2+2 -5+0-5=0

Gestational age : Score 0 corresponds to 24 weeks of gestation

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 – IDENTIFICATION OF ABNORMAL TEST FINDING –INTERPRETATION OF BALLARD

INSTRUCTION FOR THE EXAMINEE

- Given below is the Ballard scale of the preterm B/O Indu, Calculate the gestational age of the preterm
- Drop the response sheet in the drop box

Neuromuscular Maturity

Score	-1	0	1	2	3	4	5
Posture							
Square window (wrist)	 >90°	 90°	 60°	 45°	 30°	 0°	
Arm recoil		 180°	 140°–180°	 110°–140°	 90°–110°	 <90°	
Popliteal angle	 80°	 160°	 140°	 120°	 100°	 90°	 <90°
Scarf sign							
Heel to ear							

Physical Maturity

Skin	Sticky, friable, transparent	Gelatinous, red, translucent	Smooth, pink; visible veins	Superficial peeling and/or rash; few veins	Cracking, pale areas; rare veins	Parchment, deep cracking; no vessels	Leathery, cracked wrinkled
Lanugo	None	Sparse	Abundant	Thinning	Bald areas	Mostly bald	
Plantar surface	Heel-toe 40–50 mm: –1 <40 mm: –2	>50 mm, no crease	Faint red marks	Anterior transverse crease only	Creases anterior 2/3	Creases over entire sole	
Breast	Imperceptible	Barely perceptible	Flat areola, no bud	Stippled areola, 1–2 mm bud	Raised areola, 3–4 mm bud	Full areola, 5–10 mm bud	
Eye/Ear	Lids fused loosely: –1 tightly: –2	Lids open, pinna flaps folded	Slightly curved pinna; soft; slow recoil	Well curved pinna; soft but ready recoil	Formed and firm, instant recoil	Thick cartilage, ear stiff	
Genitals (male)	Scrotum flat, smooth	Scrotum empty, faint rugae	Testes in upper canal, rare rugae	Testes descending, few rugae	Testes down, good rugae	Testes pendulous, deep rugae	
Genitals (female)	Clitoris prominent, labia flat	Clitoris prominent, small labia minora	Clitoris prominent, enlarging minora	Majora and minora equally prominent	Majora large, minora small	Majora cover clitoris and minora	

Maturity Rating	
Score	Weeks
-10	20
-5	22
0	24
5	26
10	28
15	30
20	32
25	34
30	36
35	38
40	40
45	42
50	44

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 – IDENTIFICATION OF ABNORMAL TEST FINDING –INTERPRETATION OF BALLARD

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION- IDENTIFY THE PARTS OF AMBU BAG

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the parts of AMBU bag

Instructions:

- Check the content of the examinee documents
- Give '2' mark for each correct answer and '0' mark for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION - IDENTIFY THE PARTS OF AMBU BAG

SCORING SHEET

Interpretation	Score	Registration Number									
Part 1	2										
Part 2	2										
Part 3	2										
Part 4	2										
Part 5	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION- IDENTIFY THE PARTS OF AMBU BAG

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTSS

Simulation	Examiner	Examinee
• Instruction sheet • Instruments (Parts of AMBU bag)	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION- IDENTIFY THE PARTS OF AMBU BAG

ANSWER KEY

1. PEEP Valve
2. Self inflating bag
3. Air inlet valves
4. Oxygen inlet and tubing
5. Expiratory valve

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION- IDENTIFY THE PARTS OF AMBU BAG

INSTRUCTION FOR THE EXAMINEE

- Identify the parts of AMBU bag and write it in response sheet
- Drop the response sheet in the drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION - IDENTIFY THE PARTS OF AMBU BAG

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 - VIRTUAL SIGN IDENTIFICATION - IDENTIFICATION OF NUTRITIONAL DISORDERS

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Observe the flash cards and identify the nutritional disorders

Instructions:

- Check the answer documented by the examinee.
- Score '2' for each correct answer or score '0' if documented wrongly.

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 - VIRTUAL SIGN IDENTIFICATION - IDENTIFICATION OF NUTRITIONAL DISORDERS

SCORING SHEET

Interpretation	Score	Registration Number									
Flash Card 1	2										
Flash Card 2	2										
Flash Card 3	2										
Flash Card 4	2										
Flash Card 5	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – VIRTUAL SIGN IDENTIFICATION- IDENTIFICATION OF NUTRITIONAL DISORDERS

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTSS

Simulation	Examiner	Examinee
• Instruction sheet • Pictures	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 - VIRTUAL SIGN IDENTIFICATION - IDENTIFICATION OF NUTRITIONAL DISORDERS

ANSWER KEY

The flash cards are arranged in the following sequence

1. Xerophthalmia
2. Bitot's spot
3. Marasmus
4. Kwashiorkor
5. Rickets

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 - VIRTUAL SIGN IDENTIFICATION- IDENTIFICATION OF NUTRITIONAL DISORDERS

INSTRUCTION FOR THE EXAMINEE

- Observe the flash cards, Identify the Nutritional Disorders
- Drop the response sheet in the drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 - VIRTUAL SIGN IDENTIFICATION- IDENTIFICATION OF NUTRITIONAL DISORDERS

EXAMINEE RESPONSE SHEET:

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – VIRTUAL SIGN IDENTIFICATION - IDENTIFY THE FLOW RATE OF VENTURI MASK

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the appropriate flow rate for the venture masks given

Instructions:

- Check the answer documented by the examinee.
- Score '2' for each flow rate documented correctly or score '0' if documented wrongly.

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – VIRTUAL SIGN IDENTIFICATION - IDENTIFY THE FLOW RATE OF VENTURI MASK

SCORING SHEET

Interpretation	Score	Registration Number									
Picture 1	2										
Picture 2	2										
Picture 3	2										
Picture 4	2										
Picture 5	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – VIRTUAL SIGN IDENTIFICATION - IDENTIFY THE FLOW RATE OF VENTURI MASK

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • Pictures - Venturi masks	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – VIRTUAL SIGN IDENTIFICATION - IDENTIFY THE FLOW RATE OF VENTURI MASK

ANSWER KEY

Venturi mask pictures are given in following order

1. Orange – 31% & 6L / Min
2. White – 28% & 4L / Min
3. Blue – 24% & 2L / Min
4. Green – 60% & 15L/min
5. Yellow – 35% & 8L / Min

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – VIRTUAL SIGN IDENTIFICATION - IDENTIFY THE FLOW RATE OF VENTURI MASK

INSTRUCTION FOR THE EXAMINEE

- Observe the pictures and identify the appropriate flow rate of each venturi mask given
- Document the findings in the sheet given to you.
- Drop the response sheet in the drop box



B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – VIRTUAL SIGN IDENTIFICATION - IDENTIFY THE FLOW RATE OF VENTURI MASK

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 – DECISION MAKING - IDENTIFICATION OF VACCINES

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the vaccines with appropriate age of administration

Instructions:

- Check the mentioned vaccines with appropriate age of administration
- Score '2' for each correct answer or score '0' for wrong answer.

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 – DECISION MAKING - IDENTIFICATION OF VACCINES

SCORING SHEET

Interpretation	Score	Registration Number									
Vaccine 1	2										
Vaccine 2	2										
Vaccine 3	2										
Vaccine 4	2										
Vaccine 5	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 – DECISION MAKING - IDENTIFICATION OF VACCINES

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • Vaccine Vials	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 – DECISION MAKING - IDENTIFICATION OF VACCINES

ANSWER KEY

Vaccines	Age
1. BCG	At birth
2. MMR	9 Months
3. Rota Virus	1 ½ Months
4. DPT Booster	5 years
5. Typhoid	2 years

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 – DECISION MAKING - IDENTIFICATION OF VACCINES

INSTRUCTION FOR THE EXAMINEE

- Identify the appropriate vaccines with regards to age
- Document the following vaccines with appropriate age of administration
- Drop the response sheet in the drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 – DECISION MAKING - IDENTIFICATION OF VACCINES

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 – DECISION MAKING - ASSESSMENT OF DEHYDRATION

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the type of dehydration in the child

Instructions:

- Check the answer documented
- Score '5' for the correct answer and '0' for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 – DECISION MAKING - ASSESSMENT OF DEHYDRATION

SCORING SHEET

Interpretation	Score	Registration Number									
Degree of Dehydration	5										
Total	5										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6– DECISION MAKING – ASSESSMENT OF DEHYDRATION

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTSS

Simulation	Examiner	Examinee
• Instruction sheet with Scenario	• Examiner instruction sheet printout • Evaluation scoring sheet printout • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6- DECISION MAKING ASSESSMENT OF DEHYDRATION

ANSWER KEY

Parameters		No Dehydration	Some dehydration	Severe dehydration
Ask	Diarrhea	< 4 / day	4 – 10 / day	>10 / day
	Vomiting	Absent or few	Some	Frequent
	Thirst	Normal	Increased	Unable to drink
	U / O	Normal	Decreased with dark colour	Lethargy
Look	Condition	Well alert	Irritable, Sleepy	LOC
	Eyes	Normal	Sunken	Sunken and dry
	Tears	Present	Absent	Absent
	Tongue and Mouth	Moist	Dry	Very dry
	Breathing	Normal	Increased	Increased, rapid and dry
Feel	Skin Turgor	Normal	Poor / Slow	Very slow
	Pulse	Normal	Increased	Increase, weak and cannot feel
	CRT	Normal	>2 sec	Delayed >3sec

Interpretation: Severe Dehydration

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6- DECISION MAKING ASSESSMENT OF DEHYDRATION

INSTRUCTION FOR THE EXAMINEE

- Read the scenario and respond appropriately
- Drop the response sheet in the drop box

Scenario

Baby. Yazhini of 10 months old infant has brought to the Pediatric ward with the complaints of 12 episodes of loose stools, 5 episodes of vomiting with lethargy, dry tongue, dry mouth and weak pulse. Identify and document the degree of dehydration to the above child.

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 - DECISION MAKING – ASSESSMENT OF DEHYDRATION

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 – VIRTUAL SIGN IDENTIFICATION- IDENTIFICATION OF TYPES OF PLAY

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the type of play with appropriate age.

Instructions:

- Check the answer documented
- Score '2' for each correct answer and score '0' for wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7– VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF TYPES OF PLAY

SCORING SHEET

Interpretation	Score	Registration Number									
Picture 1	2										
Picture 2	2										
Picture 3	2										
Picture 4	2										
Picture 5	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7– VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF TYPES OF PLAY

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTSS

Simulation	Examiner	Examinee
• Instruction sheet • Types of play pictures	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7– VIRTUAL SIGN IDENTIFICATION– IDENTIFICATION OF TYPES OF PLAY

ANSWER KEY

- | | | |
|----------------------|---|----------------------------|
| 1. Associative play | - | Preschooler |
| 2. Co operative play | - | School age and adolescents |
| 3. Solitary play | - | Infant |
| 4. Parallel play | - | Toddler |
| 5. Onlooker play | - | Newborn |

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7– VIRTUAL SIGN IDENTIFICATION– IDENTIFICATION OF TYPES OF PLAY

INSTRUCTION FOR THE EXAMINEE

Observe the picture and do the following:

- Identify the type of play
- Mention the age appropriate play
- Drop the response sheet in the drop box



B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7– VIRTUAL SIGN IDENTIFICATION— IDENTIFICATION OF TYPES OF PLAY

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 – OTHER COMMUNICATION - WEANING

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Educate 5 points to the mother about principles of weaning

Instructions:

- Observe the examinee performing the following steps in the right order
- Score “2” if the task is performed **competently**
- Score “1” for **partially competent**
- Score “0” if the task is **not performed or performed with incompetent**
- Calculate the total score

STATION NO: 8 – OTHER COMMUNICATION - WEANING

Interpretation	Max Score	Registration Number									
Point1	2										
Point 2	2										
Point3	2										
Point 4	2										
Point 5	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 – OTHER COMMUNICATION - WEANING

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet with Scenario • Information to simulated mother • Simulated mother	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	----

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 – OTHER COMMUNICATION - WEANING

ANSWER KEY

1. Give one taste at a time
2. Stick to it for 4-5 days and then introduce new dish.
3. Make sure the texture is smooth and there are no lumps.
4. Prepare the fresh meal every time when feeding the baby.
5. When starting the solid foods give it to child once a day and then increase the frequency.
6. All food should be stored, handled and prepared hygienically, to prevent infection.

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 – OTHER COMMUNICATION - WEANING
INFORMATION TO THE SIMULATED PATIENT

Your role: Mother, named Mrs. Lakshmi, aged 28 years.

Demographic data

- Name: Mrs. Lakshmi
- Age: 28 years
- Educational qualification: M.Sc maths
- Marital status: Married
- Occupation: Teacher
- Religion: Hindu
- Family income: Rs.40,000/ month

Information to the mother to ask about weaning.

- You are the mother of 6 month old girl baby. Baby has achieved her milestone appropriate for her age, she is active and continuing breast feeding.
- You have a plan to join back for your job after maternity leave
- Ask the nurse to educate regarding weaning for the child.

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 – OTHER COMMUNICATION - WEANING

INSTRUCTION FOR THE EXAMINEE

- Read the scenario given below
- Educate the mother about weaning principles.

Scenario

The primi mother having 6 month old baby found the readiness for weaning. Educate 5 points to her on weaning principles

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 – VIRTUAL SIGN IDENTIFICATION - IDENTIFICATION OF RESTRAINS

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the type of restrains.

Instructions:

- Check the response sheet for documentation
- Score '2' for each correct answer and Score '0' for wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 – VIRTUAL SIGN IDENTIFICATION - IDENTIFICATION OF RESTRAINS

SCORING SHEET

Interpretation	Score	Registration Number									
Picture 1	2										
Picture 2	2										
Picture 3	2										
Picture 4	2										
Picture 5	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9–VIRTUAL SIGN IDENTIFICATION- IDENTIFICATION OF RESTRAINS

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • Types of restrains pictures	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 – VIRTUAL SIGN IDENTIFICATION - IDENTIFICATION OF RESTRAINS

ANSWER KEY

1. Mummy Restraint
2. Clove Hitch Restraint
3. Abdominal Restraint
4. Elbow Restraint
5. Mitten Restraint

B.Sc NURSING DEGREE PROGRAMME – III YEAR

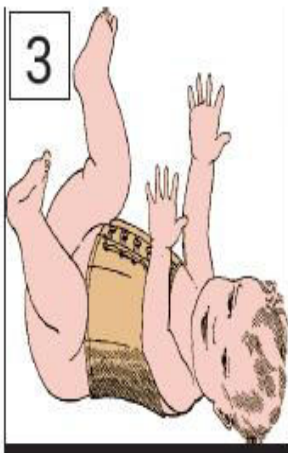
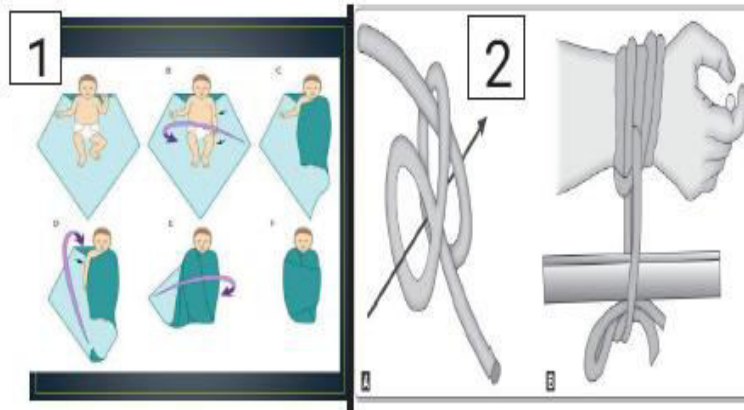
CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9–VIRTUAL SIGN IDENTIFICATION- IDENTIFICATION OF RESTRAINS

INSTRUCTION FOR THE EXAMINEE

- Observe the picture and Identify the type of restrain
- Document the answer in the given sheet
- Drop the response sheet in the drop box



B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 – VIRTUAL SIGN IDENTIFICATION - IDENTIFICATION OF RESTRAINS

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 10- THERAPEUTIC PROCEDURE- INTRAMUSCULAR INJECTION

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Perform the procedure systematically
- Follow aseptic technique

Instructions:

- Observe the examinee performing the following steps in the right order
- Score “2” if the task is performed **competently**
- Score “1” for **partially competent**
- Score “0” if the task is **not performed or performed with incompetent**
- Calculate the total score

STATION NO: 10- THERAPEUTIC PROCEDURE- INTRAMUSCULAR INJECTION

Steps	Procedure	Max.Score	Registration Number									
1	Explain the procedure	2										
2	Place the child in supine position	2										
3	Locates on the anterior Vastus lateralis.	2										
4	Cleans area with alcohol or antiseptic swab.	2										
5	Places a clean swab or dry gauze between your third and fourth fingers.	2										
6	Load the medication as per physician order	2										
7	Removes needle cap by pulling it straight off the needle..	2										
8	Hold syringe between thumb and forefinger on dominant hand as if holding a dart	2										
9	With non-dominant hand, hold the skin around the injection site.	2										
10	With the dominant hand, injects the needle quickly into the muscle at a 90-degree angle, using a steady and smooth motion.	2										
11	Aspirates for blood. If no blood appears, injects the medication slowly and steadily.	2										
12	Once medication is completely injected, removes the needle using a smooth, steady motion.	2										
13	Removes the needle at the same angle at which it was inserted.	2										
14	Covers injection site with gauze, uses gentle pressure do not rub.	2										
15	Documents procedure	2										
	Total	30										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 10 - THERAPEUTIC PROCEDURE - INTRAMUSCULAR INJECTION

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction Sheet with scenario(physician order) • Cot - 1 • Pillow - 2 • screen - 2 • Mannequin - infant • Hand sanitizer • A clean tray containing • Medicine vial – Hepatitis B Vaccine • 2 ml Syringe • Cotton swab • K basin	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell • Drop box	• Medication card

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 10 - THERAPEUTIC PROCEDURE - INTRAMUSCULAR INJECTION

INSTRUCTION FOR THE EXAMINEE

- Read the scenario and respond appropriately

Scenario

Master. Kevin 6 months old infant has been brought to the pediatric OPD for Hepatitis B vaccine. Administer IM injection.

Physician Prescription

Name of the Vaccine	Dose	Route
Hepatitis B	0.5 ml	IM

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 10 - THERAPEUTIC PROCEDURE - INTRAMUSCULAR INJECTION

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Demographic profile of the child

Name of the child:

Age /Gender:

Date:

Time:

Name of the drug	Dose	Route	Freq	Action	Side-effects	Nurses action

Signature of the Examinee

B.Sc. NURSING DEGREE PROGRAM

CLINICAL SPECIALITY-CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

SCORE COMPILATION SHEET

Date:

Name of the examination:

Registration number of students allotted: From _____ to _____

Total number of students: Allotted: _____ Attended: _____ Absent: _____

Registration Number	Station -Max Scores					Total score (Max 110)	%	Final OSCE/OSPE Score (University prescribed)
	1	2	3	4	5			
	IATF	VSI	DM	OC	TP			
	5	50	15	10	30			

Name and signature with date:

Internal Examiner

External Examiner

**B.Sc NURSING DEGREE PROGRAM-III YEAR
CHILD HEALTH NURSING**

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

TEST MAP-BASED ON BLUE PRINT

STATION NUM	TYPE OF STATION	PROGRAM COMPONENT	ITEM TITLE	COMPETENCY TEST	PROPOSED TEST FILE	DOMAINS OF CLINICAL EXPERIENCE									
						COMMUNICATION		EXAMINATION		PROCEDURE			COGNITIVE SKILLS		
						HT	OC	PE	VSI	TP	DP	IAFT	DI	DM	PS
1	Unmanned	Burns	Stages of Wound healing	VSI	Printout				1						
2	Unmanned	Newborn	Identification of instruments	VSI	Instruments				1						
3	Unmanned	Respiratory	Status Asthmaticus	PS	Print out										1
4	Unmanned	Jaundice	Identification of Neonatal Jaundice (Kramer's Rule)	IATF	Print out							1			
5	Unmanned	Cardiac	Interpretation of cardiac anomalies	VSI	Pictures				1						
6	Unmanned	Skin	Identification of Minor skin ALIGNMENTS in newborn	DM	Pictures									1	
7	Unmanned	Blood	Identification of blood sample containers	DM	Printout									1	
8	Unmanned	Newborn	Interpretation of differences	DM	Print out									1	
9	Manned	Medication	Intradermal Injection	TP	Mannequin					1					
10	Manned	Growth and Development	Anthropometric Measurements	PE	Mannequin			1							

Key Words:

HT: History taking

TP: Therapeutic procedure

OC: Other communication

PE: Physical examination

VSI: Virtual sign identification

DI: Data interpretation

PS: Problem solving

IATF: Identification of abnormal test finding

DP: Diagnostic procedure

DM: Decision making

Subject Coordinator

HOD

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 – VIRTUAL SIGN IDENTIFICATION – STAGES OF WOUND HEALING

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the images and arrange in sequential order

Instructions:

- Check the images identified and arranged
- Score '2' mark for correct answer and '0' for wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 - VIRTUAL SIGN IDENTIFICATION – STAGES OF WOUND HEALING

SCORING SHEET

Interpretation	Score	Registration Number									
Picture	2										
Stage 1	2										
Stage 2	2										
Stage 3	2										
Stage 4	2										
Total	10										

Signature of Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 – VIRTUAL SIGN IDENTIFICATION / STAGES OF WOUND HEALING

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • Pictures – stages of wound healing	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 – VIRTUAL SIGN IDENTIFICATION – STAGES OF WOUND HEALING

ANSWER KEY

1. Stages of Wound Healing
2.
 - A. Proliferative
 - B. Remodeling
 - C. Inflammation
 - D. Hemastasis

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 – VIRTUAL SIGN IDENTIFICATION – STAGES OF WOUND HEALING

INSTRUCTION FOR THE EXAMINEE

- Observe and answer the questions given below
- Document your answers in the sheet provided
- Drop the response sheet in the drop box

Look at the picture and respond to questions

1. Identify the images what it represents
2. Rearrange the images in sequence
3. Name the Images

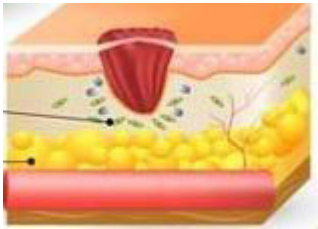


Image A

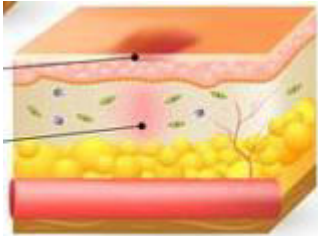


Image B



Image C



Image D

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 –VIRTUAL SIGN IDENTIFICATION – STAGES OF WOUND HEALING

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF INSTRUMENTS

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the name of the instruments displayed

Instructions:

- Check the content of the examinee documents
- Give '2' mark for the correct answer and '0' mark for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF INSTRUMENTS

SCORING SHEET

Interpretation	Score	Registration Number									
Instrument 1	2										
Instrument 2	2										
Instrument 3	2										
Instrument 4	2										
Instrument 5	2										
Total	10										

Signature of Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF INSTRUMENTS

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • A tray containing (instruments) ○ Bulb sucker ○ Laryngoscope ○ Nasogastric tube ○ Suction catheter ○ Mucus extractor	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF INSTRUMENTS

ANSWER KEY

The instruments are arranged in the following sequence:

1. Bulb sucker
2. Laryngoscope
3. Nasogastric tube
4. Suction catheter
5. Mucus extractor

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF INSTRUMENTS

INSTRUCTION FOR THE EXAMINEE

- Watch the instruments carefully one by one and identify the name of each instrument
- Document the instrument name in the sheet given to you.
- Drop the response sheet in the drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF INSTRUMENTS

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – PROBLEM SOLVING – STATUS ASTHMATICUS

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Write the appropriate nursing measures for child with Status Asthmaticus

Instructions:

- Check the content of the examinee documents
- Give '2' mark for the correct answer and '0' mark for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – PROBLEM SOLVING – STATUS ASTHMATICUS

SCORING SHEET

Interpretation	Score	Registration Number									
Nursing Measure 1	2										
Nursing Measure 2	2										
Nursing Measure 3	2										
Nursing Measure 4	2										
Nursing Measure 5	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – PROBLEM SOLVING – STATUS ASTHMATICUS

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instructions sheet with Scenario	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – PROBLEM SOLVING – STATUS ASTHMATICUS

ANSWER KEY

Nursing measures for Cyanotic spell

1. Place child in fowler's position
2. Administer 100 % oxygen by face mask
3. Collect appropriate history and collect MDI inhalers if they have
4. Administer IV Theophylline
5. Administer salbutamol inhalation (MDI or Nebulisation)
6. Reassure the child and parents

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – PROBLEM SOLVING – STATUS ASTHMATICUS

INSTRUCTION FOR THE EXAMINEE

- Read the scenario and answer the questions.
- Document your answers in the sheet provided
- Drop the response sheet in the drop box

Scenario

A 8 year old girl, known case of Bronchial asthma for past 2 years, brought to the emergency room with severe dyspnea, wheeze, cough and restlessness with the history of exposed to high dust area.

Document the nursing management.

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – PROBLEM SOLVING – STATUS ASTHMATICUS

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – IDENTIFICATION OF ABNORMAL TEST FINDING – NEONATAL JAUNDICE

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the newborn's condition using Kramer's rule
- Mention the Nursing management of that newborn.

Instructions:

- Check the condition identified and documented nursing measures
- Give score accordingly as given in scoring sheet.

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – IDENTIFICATION OF ABNORMAL TEST FINDING – NEONATAL JAUNDICE

SCORING SHEET

Interpretation	Score	Registration Number									
Jaundice Identified	2										
Nursing Measure 1	2										
Nursing Measure 2	2										
Nursing Measure 3	2										
Nursing Measure 4	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – IDENTIFICATION OF ABNORMAL TEST FINDING – NEONATAL JAUNDICE

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instructions sheet • Newborn picture with marked jaundice area	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – IDENTIFICATION OF ABNORMAL TEST FINDING – NEONATAL JAUNDICE

ANSWER KEY

1. Neonatal jaundice with serum bilirubin 5 to 12 mg/dl
2. Nursing managements of that child
 - Providing phototherapy with eyes and genitals covered
 - Maintaining exclusive breast feeding
 - Maintaining strict intake and output chart
 - Monitoring serum bilirubin levels

Area of the Body	Level	Range of Serum Bilirubin	
		$\mu\text{mol/L}$	mg/dL
Head and neck	1	68 - 133	4 - 8
Upper trunk (above umbilicus)	2	85 - 204	5 - 12
Lower trunk and thighs (below umbilicus)	3	136 - 272	8 - 16
Arms and lower legs	4	187 - 306	11 - 18
Palms and soles	5	≥ 306	≥ 18

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

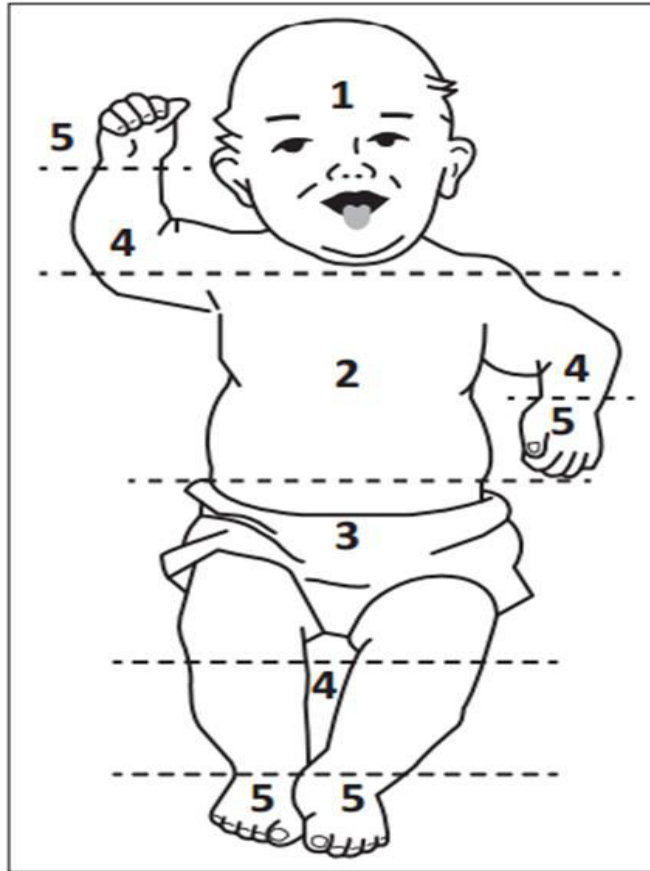
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – IDENTIFICATION OF ABNORMAL TEST FINDING – NEONATAL JAUNDICE

INSTRUCTION FOR EXAMINEE

- Observe the picture and identify the newborn's condition with level using Kramer's rule
- Write the Nursing management of the newborn.
- Enter the interpretation in the given sheet
- Drop the response sheet in the drop box

Newborn having yellowish discolourisation in zone 2. Identify the condition and Find the level of bilirubin in Zone 2



B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 – IDENTIFICATION OF ABNORMAL TEST FINDING – NEONATAL JAUNDICE

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 – VIRTUAL SIGN IDENTIFICATION – INTERPRETATION OF CARDIAC ANOMALIES

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the congenital anomalies

Instructions:

- Check the content of the examinee documents
 - Give '2' mark for the correct answer and '0' mark for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 – VIRTUAL SIGN IDENTIFICATION – INTERPRETATION OF CARDIAC ANOMALIES

SCORING SHEET

Interpretation	Score	Registration Number									
Flash card 1	2										
Flash card 2	2										
Flash card 3	2										
Flash card 4	2										
Flash card 5	2										
Total	10										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 – VIRTUAL SIGN IDENTIFICATION – INTERPRETATION OF CARDIAC ANOMALIES

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • Printouts – Cardiac anomalies	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 – VIRTUAL SIGN IDENTIFICATION – INTERPRETATION OF CARDIAC ANOMALIES

ANSWER KEY

The printouts are arranged in the following sequence:

1. Tetralogy of fallot
2. Transposition of great arteries
3. Total Anomalous Pulmonary Venous Connection
4. Hypoplastic Left Heart Syndrome
5. Coarctation of aorta

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 – VIRTUAL SIGN IDENTIFICATION – INTERPRETATION OF CARDIAC ANOMALIES

INSTRUCTION FOR EXAMINEE

- Observe the flash cards carefully and identify the anomalies
- Document your answers in the sheet provided
- Drop the response sheet in the drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 – VIRTUAL SIGN IDENTIFICATION – INTERPRETATION OF CARDIAC ANOMALIES

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 – DECISION MAKING – IDENTIFY THE MINOR SKIN ALIGNMENTS IN NEWBORN

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the minor skin alignments in newborn

Instruction:

- Check the content of the examinee documents
 - Give '2' mark for the correct answer and '0' mark for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 – DECISION MAKING – IDENTIFY THE MINOR SKIN ALIGNMENTS IN NEWBORN

SCORING SHEET

Interpretation	Score	Registration Number									
Picture 1	2										
Picture 2	2										
Picture 3	2										
Picture 4	2										
Picture 5	2										
Total	10										

Signature of Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 – DECISION MAKING – IDENTIFY THE MINOR SKIN ALIGNMENTS IN NEWBORN

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • Printouts – minor skin alignments	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Erase • pencil • Gong bell	• Response sheet • Drop box

**B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING**

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 – DECISION MAKING – IDENTIFY THE MINOR SKIN ALIGNMENTS IN NEWBORN

ANSWER KEY

1. Erythema toxicum neonatarum
2. Jaundice
3. Milia
4. Diaper dermatitis
5. Mongolian spot

**B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING**

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 – DECISION MAKING – IDENTIFY THE MINOR SKIN ALIGNMENTS IN NEWBORN

INSTRUCTION FOR THE EXAMINEE

- Observe the flash cards carefully and identify the anomalies
- Document your answers in the sheet provided
- Drop the response sheet in the drop box



B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 – DECISION MAKING – IDENTIFY THE MINOR SKIN ALIGNMENTS IN NEWBORN

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 – DECISION MAKING – IDENTIFICATION OF BLOOD SAMPLE CONTAINERS

INSTRUCTION FOR EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the containers for blood sampling

Instructions:

- Check the content of the examinee documents
- Give '2' mark for the correct answer and '0' mark for the wrong answer

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 – DECISION MAKING – IDENTIFICATION OF BLOOD SAMPLE CONTAINERS

SCORING SHEET

Interpretation	Score	Registration Number									
Container 1	2										
Container 2	2										
Container 3	2										
Container 4	2										
Container 5	2										
Total	10										

Signature of Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 – DECISION MAKING – IDENTIFICATION OF BLOOD SAMPLE CONTAINERS

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • Printout with questions for container	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 – DECISION MAKING – IDENTIFICATION OF BLOOD SAMPLE CONTAINERS

ANSWER KEY

Blood Sample Containers:

	coagulation screen INR D-dimer	1
	U/E, CRP, LFTs, amylase calcium, phosphate, magnesium TFTs, lipid profile, troponins	2
	FBC, blood film ESR HbA1c	3
	group and save crossmatch	4
	glucose lactate	5

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 – DECISION MAKING – IDENTIFICATION OF BLOOD SAMPLE CONTAINERS

INSTRUCTION FOR THE EXAMINEE

- Read the investigations given in the Printout carefully and identify the container for blood sampling.
- Document your answers in the sheet provided
- Drop the response sheet in the drop box

INVESTIGATIONS

- 1. Coagulation Screen, D-dimer, INR
- 2. CRP, LFT, Calcium, Phosphate, magnesium, TFT, Lipid profile, Troponins
- 3. FBC, ESR, HbA1c
- 4. Blood group, Cross matching
- 5. Glucose, Lactate

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 – DECISION MAKING – IDENTIFICATION OF BLOOD SAMPLE CONTAINERS

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

**B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING**

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 – DECISION MAKING – INTERPRETATION OF DIFFERENCES

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Interpret the condition
- Write the differences of each set of conditions

Instructions:

- Observe the answer documented by the examinee
- Score '1' for identification and Score '3' for differences of Caput succedaneum - Cephal hematoma
- Score '1' for identification and Score '2' for differences of Milia – Miliria
- Score '1' for identification and Score '2' for differences Fore milk - Hind milk

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 – DECISION MAKING – INTERPRETATION OF DIFFERENCES

SCORING SHEET

Interpretation	Score	Registration Number									
Caput succedaneum - Cephal hematoma	4										
Milia - Miliria	3										
Fore milk - Hind milk	3										
Total	10										

Signature of Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 – DECISION MAKING – INTERPRETATION OF DIFFERENCES

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • Pictures • Caput succedaneum - Cephal hematoma • Milia – Miliria • Fore Milk - Hind Milk	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 – DECISION MAKING – INTERPRETATION OF DIFFERENCES

ANSWER KEY

a) Caput succedaneum - Cephal hematoma

- ✓ Crosses the suture line - Does not crosses the suture line
- ✓ Diffuse edema - Blood clot
- ✓ Symmetric - Asymmetric
- ✓ Periosteum - Scalp

b) Milia - Miliria

- ✓ Occurs due to the obstruction of sebaceous gland
- ✓ Occurs due to the obstruction of sweat gland

c) Fore Milk - Hind Milk

- ✓ First - Later
- ✓ Watery - Fats
- ✓ Fulfill Thirst - Fulfill Stomach

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 – DECISION MAKING – INTERPRETATION OF DIFFERENCES

INSTRUCTION FOR THE EXAMINEE

- Observe the picture displayed
- Identify the condition
- Write the differences between each set of pictures in the given sheet
- Document your answers in the sheet provided
- Drop the response sheet in the drop box

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 – DECISION MAKING – INTERPRETATION OF DIFFERENCES

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 – THERAPEUTIC PROCEDURE – INTRADERMAL INJECTION

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Perform the procedure systematically
- Follow aseptic technique

Instructions:

- Observe the examinee performing the following steps in the right order
- Score “2” if the task is performed **competently**
- Score “1” for **partially competent**
- Score “0” if the task is **not performed or performed with incompetent**
- Calculate the total score

STATION NO: 9 – THERAPEUTIC PROCEDURE – INTRADERMAL INJECTION

Steps	Procedure	Score										
1.	Position the child	2										
2.	Locate the flexor upper one third of inner forearm	2										
3.	Load the medicine in the ID syringe	2										
4.	Cleans area with alcohol or antiseptic swab. Allow site to dry completely.	2										
5.	Using dominant hand, hold syringe bevel up With fingers and thumb resting on the sides of the barrel	2										
6.	Hold the syringe almost parallel to the skin at a 10-15 degree angle	2										
7.	Push plunger slowly forward until the medication is injected	2										
8.	Withdraw the needle at the same angle	2										
9.	Do not massage	2										
10.	Document the procedure	2										
	Total	20										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 – THERAPEUTIC PROCEDURE – INTRADERMAL INJECTION

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Scenario printout (Physician Order) • Dummy – Infant • Hand Sanitizer • A clean tray • ID Syringe • BCG Vial • Alcohol swab • Bowl • Kidney tray	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell • Drop box	• Response sheet • Medication card

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 – THERAPEUTIC PROCEDURE – INTRADERMAL INJECTION

INSTRUCTION FOR THE EXAMINEE

- ❖ Read the scenario and respond appropriately
- ❖ Document the procedure in the given sheet and Drop it in the drop box

Scenario

45 days old preterm baby came for vaccination, who missed BCG vaccine at birth. Administer the Vaccine to the baby.

Physician Prescription

Name of the Vaccine	Dose	Route
BCG	0.5 ml	ID

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 – THERAPEUTIC PROCEDURE – INTRADERMAL INJECTION

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Demographic profile of the child

Name of the child:

Age /Gender:

Developmental classification:

Date:

Time:

Name of the Drug	Dose	Route	Freq	Action	Side-effects	Nurses action

Signature of the Examinee

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 10 – PHYSICAL EXAMINATION – ANTHROPOMETRIC MEASUREMENT OF NEWBORN

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Measure the anthropometric measurements of newborn.

Instructions:

- Observe the examinee performing the following steps in the right order
- Score “2” if the task is performed **competently**
- Score “1” for **partially competent**
- Score “0” if the task is **not performed or performed with incompetent**
- Calculate the total score

STATION NO: 10 – PHYSICAL EXAMINATION – ANTHROPOMETRIC MEASUREMENT OF NEWBORN

Steps	Procedure	Max Score	Registration number									
1.	Perform hand hygiene	2										
2.	Weight											
2a.	Remove the clothes and place the child on the weighing scale	2										
2b.	Place a hand cupped over the child and measure the readings	2										
3.	Length											
3a.	Lay the child on his back in the infantometer with head located at the end with fixed headpiece.	2										
3b.	Extend both knees and bring the foot piece firmly against the infant heel.	2										
3c.	Measure the length in cm	2										
4.	Head Circumference											
4a.	Place the inch tape above the ear, supra orbital ridge and posteriorly the occipital protuberance.	2										
4b.	Measure the head circumference in cm	2										
5.	Chest Circumference											
5a.	Place the inch tape at the level of nipple (anteriorly the nipple line, laterally the maxillary line, posteriorly the lower portion of scapula)	2										
5b.	Measure the chest circumference in cm	2										
	Total	20										

Signature of the Examiner

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 10 – PHYSICAL EXAMINATION – ANTHROPOMETRIC MEASUREMENT OF NEWBORN

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet with Scenario • Newborn Dummy • Infantometer • Weighing scale • Hand Sanitizer • Inch tape • Towel - 2	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell • Drop box	• Response sheet

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 10 – PHYSICAL EXAMINATION – ANTHROPOMETRIC MEASUREMENT OF NEWBORN

INSTRUCTION FOR THE EXAMINEE

- Read the scenario given below and perform the anthropometric measurements of newborn
- Document the measurements in the sheet given to you.
- Drop the response sheet in the drop box

Scenario

Baby of Priya, 10 days old boy, born at 35 weeks of gestation came to newborn ward for general review. Measure the Weight, Length, Head Circumference and Chest Circumference.

B.Sc NURSING DEGREE PROGRAMME – III YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 10 – PHYSICAL EXAMINATION – ANTHROPOMETRIC MEASUREMENT OF NEWBORN

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

B.Sc. NURSING DEGREE PROGRAM

CLINICAL SPECIALITY-CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

SCORE COMPILATION SHEET

Date:

Name of the examination:

Registration number of students allotted: From _____ to _____

Total number of students: Allotted: _____ Attended: _____ Absent: _____

Registration Number	Station - Max Scores						Total score (Max 120)	%	Final OSCE/OSPE Score (University prescribed)
	1	2	3	4	5	6			
	IATF	VSI	DM	PS	TP	PE			
	10	30	30	10	20	20			

Name and Signature with date:

Internal Examiner

External Examiner

M.Sc NURSING DEGREE PROGRAM
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)
TEST MAP-BASED ON BLUE PRINT

STATION NUM	TYPE OF STATION	PROGRAM COMPONENT	ITEM TITLE	COMPETENCY TEST	PROPOSED TEST FILE	DOMAINS OF CLINICAL EXPERIENCE									
						COMMUNICATION		EXAMINATION		PROCEDURE			COGNITIVE SKILLS		
						HT	OC	PE	VSI	TP	DP	IAFT	DI	DM	PS
1	Manned	Newborn	Bag and Mask Ventilation	TP	Mannequin					1					
2	Manned	Medication	Nebulisation	TP	Mannequin					1					
3	Unmanned	Toddler	Identification of behavioural disorders	VSI	Video				1						
4	Unmanned	Diagnostic findings	Identification of Radiological findings	IATF	X - Rays							1			
5	Unmanned	Diagnostic findings	Identification of Laboratory Values	IATF	Printout							1			
6	Unmanned	Skin	Percentage of burns calculation	DM	Printout									1	
7	Manned	Gastro intestinal	Colostomy care	TP	Mannequin					1					
8	Unmanned	IMNCI	Identification of IMNCI case management	PS	Printout										1
9	Manned	Gastro intestinal	Nasogastric tube insertion and feeding	TP	Mannequin					1					

Key Words:

HT: History taking

TP: Therapeutic procedure

OC: Other communication

PE: Physical examination

DI: Data interpretation

PS: Problem solving

IATF: Identification of abnormal test finding

DP: Diagnostic procedure

Subject Coordinator

Head of the Department

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION: 1 –THERAPEUTIC PROCEDURE - BAG AND MASK VENTILATION

INSTRUCTION TO THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Perform the procedure systematically
- Follow aseptic technique
- Check the functioning of laryngoscope

Instructions:

- Observe the examinee performing the following steps in the right order
- Score “2” if the task is performed **competently**
- Score “1” for **partially competent**
- Score “0” if the task is **not performed or performed with incompetent**
- Calculate the total score

STATION NO: 1 – THERAPEUTIC PROCEDURE - BAG AND MASK VENTILATION

Steps	Task	Max score	Registration number									
	Bag and Mask Ventilation											
1.	Place the child in supine position	2										
2.	Make the chin forward and neck slightly extended by placing rolled towel under the shoulders	2										
3.	Place the mask of AMBU bag over the child's nose and mouth with a tight seal using EC clamp technique.	2										
4.	Compress the bag rhythmically for two ventilation	2										
5.	Repeat the second cycle	2										
	Laryngoscope											
6.	Insert the battery in the laryngoscope	2										
7.	Attach the blade with scope	2										
8.	Turn the blade towards scope for proper fixing	2										
9.	Check the light for functioning	2										
10.	Remove the blades from the scope	2										
	Total	20										

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 –THERAPEUTIC PROCEDURE - BAG AND MASK VENTILATION

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet with scenario • AMBU bag and mask • Laryngoscope and blades • Batteries	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 1 –THERAPEUTIC PROCEDURE - BAG AND MASK VENTILATION

INSTRUCTION TO THE EXAMINEE

- Read the scenario given below and perform 2 cycles of bag and mask ventilation
- Check the functioning of laryngoscope

Scenario

Baby of Manjula, 37 weeks of gestation with the Apgar score of 7/10. Perform Neonatal bag and mask Ventilation of 2 cycles.

Check the functioning of laryngoscope.

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 2 –THERAPEUTIC PROCEDURE –NEBULISATION

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Perform the procedure systematically
- Follow aseptic technique

Instructions:

- Observe the examinee in performing the following steps in the right order.
- Score “2” if the task is performed **competently**
- Score “1” for **partially competent**
- Score “0” if the task is **not performed or performed with incompetent**
- Calculate the total score

STATION NO: 2 –THERAPEUTIC PROCEDURE –NEBULISATION

Steps	Task	Max score	Registration number									
1.	Positions the child appropriately, allowing optimal ventilation.	2										
2.	Cleans the nebuliser with normal saline.	2										
3.	Measures and add the medication and NS at appropriate amount as per the physician order	2										
4.	Attaches the connecting tubes and mouthpiece to the nebulizer	2										
5.	Turns the machine on (notice the mist produced by the nebulizer).	2										
6.	Places the mask in correct position. Mask should cover the mouth, chin and nose.	2										
7.	Taps nebuliser cup frequently to facilitate even distribution of medication.	2										
8.	Turn off the machine when the liquid medication is over and mist no longer forms.	2										
9.	Cleans the chamber, mask and replaces the articles appropriately	2										
10	Document the procedure.	2										
Total		20										

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 –THERAPEUTIC PROCEDURE –NEBULISATION

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet with Scenario (Physician order) • Cot – 1 • Pillow – 2 • Screen - 2 • Toddler - Dummy • Nebuliser • Hand sanitizer • A clean tray containing ○ Nebulisation mask ○ Respules–Budecort ○ Gauze ○ Normal saline ○ Bowl - 1 ○ Syringe 2ml ○ K basin and sputum cup ○ Medication card	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell • Drop box	• Response sheet

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 –THERAPEUTIC PROCEDURE –NEBULISATION

INSTRUCTION FOR THE EXAMINEE

- Read the scenario and respond appropriately
- Document the procedure and place the response sheet in the drop box

Scenario

Master.Dyalan of 3 years old boy admitted in the pediatric ward with the diagnosis Wheezing Associated Lower Respiratory Infection. Physician order to nebulise the child with Budecort 2.5ml with Normal saline 0.5ml. Perform the procedure with appropriate steps.

Physician Prescription

Name of the Drug	Dose	Route	Frequency
Budecort + NS 0.5ml	2.5 ml + 0.5ml	Inhalation	SOS

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 2 –THERAPEUTIC PROCEDURE –NEBULISATION

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Demographic profile of the child

Name of the child:

Age /Gender:

Date:

Time:

Name of the drug	Dose	Route	Freq	Action	Side-effects	Nurses action

Signature of the Examinee

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF BEHAVIOURAL DISORDERS

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the behavioural disorders

Instruction:

- Check the content of the examinee documents
- Give '2' mark for the correct answer score '0' mark for the wrong answer

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF BEHAVIOURAL DISORDERS

SCORING SHEET

Interpretation	Score	Registration Number									
Video 1	2										
Video 2	2										
Video 3	2										
Video 4	2										
Video 5	2										
Total	10										

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATIONNO:3 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF BEHAVIOURAL DISORDERS

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet • Laptop • Videos	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF BEHAVIOURAL DISORDERS

ANSWER KEY

1. Head banging
2. Pica
3. Body rocking
4. Temper tantrums
5. Bruxism

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 3 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF BEHAVIOURAL DISORDERS

INSTRUCTION FOR THE EXAMINEE

- Watch the Video, identify the behavioural disorders and write it in response sheet
- Drop the response sheet in drop box

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 3 – VIRTUAL SIGN IDENTIFICATION – IDENTIFICATION OF BEHAVIOURAL DISORDERS

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 –IDENTIFICATION OF ABNORMAL TEST FINDING–RADIOLOGICAL FINDINGS

INSTRUCTION TO THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the abnormal radiological findings

Instruction:

- Check the content of the examinee documents
- Give '2' mark for the correct answer and '0' mark for the wrong answer

M.Sc NURSING DEGREE PROGRAMME – I YEAR

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 –IDENTIFICATION OF ABNORMAL TEST FINDING–RADIOLOGICAL FINDINGS

SCORING SHEET

Interpretation	Score	Registration Number									
Radiological finding 1	2										
Radiological finding 2	2										
Radiological finding 3	2										
Radiological finding 4	2										
Radiological finding 5	2										
Total	10										

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 –IDENTIFICATION OF ABNORMAL TEST FINDING–RADIOLOGICAL FINDINGS

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction Sheet • Laptop with X-rays	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • pencil • Gong bell	• Response sheet • Drop box

M.Sc NURSING DEGREE PROGRAMME
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 –IDENTIFICATION OF ABNORMAL TEST FINDING–RADIOLOGICAL FINDINGS

ANSWER KEY

1. Tetralogy of fallot- boot shaped heart
2. Tracheo Oesophageal atresia
3. Developmental dislocation of hip- Complete dislocation
4. Congenital mega Colon
5. Club Foot

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OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 –IDENTIFICATION OF ABNORMAL TEST FINDING–RADIOLOGICAL FINDINGS

INSTRUCTION FOR THE EXAMINEE

- Observe the Pictures carefully and identify the name of the condition
- Document your response sheet and drop it in drop box

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CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 4 –IDENTIFICATION OF ABNORMAL TEST FINDING–RADIOLOGICAL FINDINGS

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation

Signature of the Examinee

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 5 –IDENTIFICATION OF ABNORMAL TEST FINDINGS–LABORATORY INTERPRETATION

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify the lab interpretation

Instruction:

- Check the documentation in the response sheet
- Score '2' for each correct answer and score '0' for wrong answer

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 5 –IDENTIFICATION OF ABNORMAL TEST FINDINGS–LABORATORY INTERPRETATION

SCORING SHEET

Interpretation	Score	Registration Number									
Condition 1	2										
Condition 2	2										
Condition 3	2										
Condition 4	2										
Condition 5	2										
Total	10										

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 5 –IDENTIFICATION OF ABNORMAL TEST FINDINGS–LABORATORY INTERPRETATION

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet with lab values	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

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CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 5 –IDENTIFICATION OF ABNORMAL TEST FINDINGS–LABORATORY INTERPRETATION

ANSWER KEY

1. Nephrotic syndrome
2. Respiratory acidosis
3. Hypothyroidism
4. Metabolic alkalosis
5. Hypoglycemia

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CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 5 –IDENTIFICATION OF ABNORMAL TEST FINDINGS–LABORATORY INTERPRETATION

INSTRUCTION FOR THE EXAMINEE

- With the given laboratory values, find 5 disease conditions
- Identify the condition and document the answers
- Drop the response sheet in the drop box

S. No	1	2	3	4	5
1	Serum Albumin - 2.3 g/dl	PH - < 7.20	T ₃ - 0.62 mg/dl	PH - > 7.60	Plasma Glucose - < 45 mg/dl
2	Cholesterol - 423 mg/dl	PaCO ₂ - 60 mmhg	T ₄ - 0.3 mg/dl	Paco ₂ - 35mmhg	
3	Urea - 14 mg/dl	HCO ₃ - 22-23 mEQ/l	TSH - > 4.0 mU/l	HCO ₃ - 40 mEQ/l	
4	Creatinine - 0.2 mg/dl				
5	Sodium - 131 mmol/l				
6	Potassium - 4.1 mmol/l				
7	Urine Protein - 0.51g/dl				

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CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATIONNO : 5 –IDENTIFICATION OF ABNORMAL TEST FINDINGS–LABORATORY INTERPRETATION

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 –DECISION MAKING –TOTAL BURNS SURFACE AREA AND FLUID CALCULATION

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Estimate the percentage of burns (Total Body Surface Area)
- Calculate the fluid for replacement

Instructions:

- Check the content of the examinee documents
- Score '5' mark for the correct answer , score '0' mark for the wrong answer

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 –DECISION MAKING – TOTAL BURNS SURFACE AREA AND FLUID CALCULATION

SCORING SHEET

Interpretation	Score	Registration Number									
TBSA	5										
Fluid Replacement	5										
Total	10										

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 6 –DECISION MAKING – TOTAL BURNS SURFACE AREA AND FLUID CALCULATION

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet with scenario	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 –DECISION MAKING – TOTAL BURNS SURFACE AREA AND FLUID CALCULATION

ANSWER KEY

1. TBSA- 13%
2. $4\text{ml/kg/\%TBSA} = 624\text{ ml for 24hours}$

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CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 6 –DECISION MAKING – TOTAL BURNS SURFACE AREA AND FLUID CALCULATION INSTRUCTION FOR THE EXAMINEE

- See the pictures and estimate the percentage of burns
- Document the TBSA estimation and fluid calculation in the given paper
- Drop the response sheet in the drop box

Scenario

A 2 year old Eva Female child 3 hours post partial thickness scald burn due to spillage of boiling water. The burns are on the anterior trunk and neck, right upper extremity and the right side of the face. There are large blisters on the trunk and upper extremity. In addition, there are splash marks on the left lower and upper extremities without blisters and have intact skin. Weight of the child is 12 kgs. Estimate the percentage of burns using **Lund and Browder burn chart** and calculate the fluid to be replaced.

Lund and Browder Burn Chart

Area Burned	Age in Years					
	1	1 to 4	5 to 9	10 to 14	15	Adult
Percentage of Total Body Surface						
Head	19	17	13	11	9	7
Neck	2	2	2	2	2	3
Anterior Trunk	13	13	13	13	13	13
Posterior Trunk	13	13	13	13	13	13
Left Buttock	2.5	2.5	2.5	2.5	2.5	2.5
Right Buttock	2.5	2.5	2.5	2.5	2.5	2.5
Genitals	1	1	1	1	1	1
Right Upper Arm	4	4	4	4	4	4
Left Upper Arm	4	4	4	4	4	4
Right Lower Arm	3	3	3	3	3	3
Left Lower Arm	3	3	3	3	3	3
Right Hand	2.5	2.5	2.5	2.5	2.5	2.5
Left Hand	2.5	2.5	2.5	2.5	2.5	2.5
Right Thigh	5.5	6.5	8	8.5	9	9.5
Left Thigh	5.5	6.5	8	8.5	9	9.5
Right Lower Leg	5	5	5.5	6	6.5	7
Left Lower Leg	5	5	5.5	6	6.5	7
Right Foot	3.5	3.5	3.5	3.5	3.5	3.5
Left Foot	3.5	3.5	3.5	3.5	3.5	3.5



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OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 6 –DECISION MAKING – TOTAL BURNS SURFACE AREA AND FLUID CALCULATION

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation

Signature of the Examinee

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 –THERAPEUTIC PROCEDURE – COLOSTOMY CARE

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Perform colostomy care systematically
- Follow aseptic procedure

Instructions:

- Observe the examinee performing the following steps in the right order
- Score “2” if the task is performed **competently**
- Score “1” for **partially competent**
- Score “0” if the task is **not performed or performed with incompetent**
- Calculate the total score

STATION NO : 7 –THERAPEUTIC PROCEDURE – COLOSTOMY CARE

Steps	Task	Max score	Registration number									
1.	Perform hand hygiene	2										
2.	Place the child in supine position	2										
3.	Wear a clean glove	2										
4.	Remove the soiled dressing	2										
5.	Observe the stoma for color, swelling and oozing	2										
6.	Wear sterile gloves	2										
7.	Clean from peri-stomal region to stoma gently using wet gauze soaked in sterile water	2										
8.	Apply sterile dressing over the stoma and secure	2										
9.	Place the child in comfortable position	2										
10.	Document the procedure with stoma findings	2										
Total		20										

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 7 –THERAPEUTIC PROCEDURE –COLOSTOMY CARE

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet with Scenario • Mannequin – Newborn • Hand Sanitizer • A clean tray with • Clean gloves • Sterile • Sterile water • adhesive tape • K basin • A sterile tray with • Sterile gauze pieces • Bowel	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell • Drop box	• Response sheet

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 7 –THERAPEUTIC PROCEDURE –COLOSTOMY CARE

INSTRUCTION FOR THE EXAMINEE

- Read the scenario and responds appropriately
- Document the care with date, time and remarks.
- Place the response sheet in the drop box

Scenario

Baby of Vanaja, 10 days old female newborn admitted in NICU with the diagnosis of Hirschsprung's Disease. Underwent surgery and had a colostomy. Baby is on 2nd POD. Perform colostomy care.

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OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 7 –THERAPEUTIC PROCEDURE –COLOSTOMY CARE

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME
CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 –PROBLEM SOLVING–IMNCI CASE MANAGEMENT

INSTRUCTION FORTHE EXAMINER

Objective:

This station is designed to check the candidate's ability to

- Identify andwrite the IMNCI case management

Instruction:

- Check the response sheet
- Score '2' for each correct answer and score '0' for the wrong answer

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 –PROBLEM SOLVING–IMNCI CASE MANAGEMENT

SCORING SHEET

Interpretation	Score	Registration Number									
Colour	2										
Condition	2										
Management 1	2										
Management 2	2										
Management 2	2										
Total	10										

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 8 –PROBLEM SOLVING–IMNCI CASE MANAGEMENT

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulation	Examiner	Examinee
• Instruction sheet with scenario	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Pen • Eraser • Pencil • Gong bell	• Response sheet • Drop box

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 8 –PROBLEM SOLVING–IMNCI CASE MANAGEMENT

ANSWER KEY

- Colour = Yellow
- Interpretation = Pneumonia
- Give oral Amoxicillin for 5 days
- Wheezing - inhaled bronchodilator for 5 days
- Soothe the throat and relieve the cough with a safe remedy
- Follow-up in 3 days

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 8 –PROBLEM SOLVING–IMNCI CASE MANAGEMENT

INSTRUCTION FOR THE EXAMINEE

- Read the scenario given below
- Identify and write the IMNCI case management in the sheet given
- Drop the response sheet in the drop box

Scenario

Master. Roshan, 2 years old attended health centre with the complaints of cough and cold, Dyspnea with respiratory rate 54 breaths/min and fever 100 F, for 2 days, Chest retractions present, on auscultation grunting present, conscious and looking dull. Identify the severity of illness and write the measures based on IMNCI case management.

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OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO : 8 –PROBLEM SOLVING–IMNCI CASE MANAGEMENT

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation

Signature of the Examinee

Signature of the Examiner

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9 –THERAPEUTIC PROCEDURE – NASOGASTRIC TUBE INSERTION AND FEEDING

INSTRUCTION FOR THE EXAMINER

Objective:

This station is designed to assess the candidate's ability to

- Perform the procedure systematically
- Follow the instructions given in the scenario

Instructions:

- Observe the examinee performing the following steps in the right order
- Score “2” if the task is performed **competently**
- Score “1” for **partially competent**
- Score “0” if the task is **not performed or performed with incompetent**
- Calculate the total score

STATION NO: 9–THERAPEUTIC PROCEDURE – NASOGASTRIC TUBE INSERTION AND FEEDING

Steps	Task	Max score	Registration number									
A	Insertion of Nasogastric tube											
1.	Explain the procedure to the parents and child	2										
2.	Place the child in fowlers position	2										
3.	Perform hand hygiene	2										
4.	Measure the length of the tube from the tip of the ear lobe to the tip of the ear lobe	2										
5.	Spread mackintosh and towel across the chest	2										
6.	Lubricate the tip of the tube with water soluble lubricant	2										
7.	Insert the tube through the left/right nostril to the back of the throat	2										
8.	Confirm the tube placements	2										
9.	Secure the tube	2										
10.	Document the procedure	2										
B	Nasogastric tube feeding											
1.	Spread towel over child's chest	2										
2.	Aspirate the stomach contents and ensuring tube placement.	2										
3.	Pinch the tube and attach barrel or feeding syringe to tube.	2										
4.	Pour milk into the syringe barrel by raising barrel above the height of child's head.	2										
5.	Check for the flow of milk under gravity											
6.	Fill feed into syringe barrel when it is three- quarters empty,	2										
7.	After feeding is completed, pour 5 to 10 ml of water in the tube.	2										
8.	Pinch the tube to stop feeding.	2										
9.	Close the end of feeding tube and secure	2										
10.	Document the procedure	2										
Total		20										

Signature of Examiner

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9– THERAPEUTIC PROCEDURE – NASOGASTRIC TUBE INSERTION AND FEEDING

ARTIFACT / EQUIPMENTS / PRELIMINARY REQUIREMENTS

Simulations	Examiner	Examinee
• Instruction sheet with scenario (Physician order) • Hand sanitizer • Clean Gloves • Milk – 100 ml • A clean tray containing • NG tube • Lubricant • Stethoscope • Bowl with water • Cloth • Ounce glass • Feeding catheter • Syringe 50ml • Syringe 3ml • Micropore • lubricant	• Examiner instruction sheet • Evaluation scoring sheet • Table – 1 • Chair – 1 • Writing pad – 1 • Response sheet collection box • Cot – 1 • Mannequin - 1 • Pillow – 2 • Screen – 2 • Gong bell-1 • Drop box-1	• Response sheet

M.Sc NURSING DEGREE PROGRAMME

CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9–THERAPEUTIC PROCEDURE – NASOGASTRIC TUBE INSERTION AND FEEDING

INSTRUCTION FOR THE EXAMINEE

Read the scenario given below and perform Ryle's tube insertion and feeding.

Scenario

Master.Saravanan 6 years old diagnosed with Seizures. Physician advised for NG tube insertion and feeding.

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CHILD HEALTH NURSING

OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION (OSPE/OSCE)

STATION NO: 9–THERAPEUTIC PROCEDURE – NASOGASTRIC TUBE INSERTION AND FEEDING

EXAMINEE RESPONSE SHEET

Registration Number: _____ Date: _____

Documentation:

Signature of the Examinee

Signature of the Examiner

**M.Sc. NURSING DEGREE PROGRAM
CLINICAL SPECIALITY-CHILD HEALTH NURSING
OBJECTIVE STRUCTURED PRACTICAL/CLINICAL EXAMINATION(OSPE/OSCE)**

SCORE COMPILATION SHEET

Date:

Name of the examination:

Registration number of students allotted: From _____ to _____

Total number of students: Allotted: _____ Attended: _____ Absent: _____

Registration Number	Station -Max Scores					Total score (Max 130)	%	Final OSCE/OSPE Score (University prescribed)
	1	2	3	4	5			
	IATF	VSI	DM	PS	TP			
	20	10	10	10	80			

Name and Signature with date:

Internal Examiner

External Examiner

6. REFERENCES

1. Ghai, S. PGIMER-NINE: Clinical Nursing Procedures. CBS Publishers.
2. Kelly, M.A., Mitchell, M.L., Henderson, A. *et al.* (2016). OSCE best practice guidelines—applicability for nursing simulations. *Adv Simul* 1, 10. <https://doi.org/10.1186/s41077-016-0014-1>
3. Omayal Achi College of Nursing. (2018). Manual of Nursing Procedures and Practice (2nd ed.). New Delhi:Wolters Kluwer.
4. OSCE: The Ultimate Prep Guide in 2021. (2021). Available from: OSCE: The Ultimate Prep Guide in 2021 | BeMo® (bemoacademicconsulting.com).
5. Harden, R.M., Lilley, P. & Patrício, M. (2015).The Definitive Guide to the OSCE: The Objective Structured Clinical Examination as a performance assessment. Elsevier.

