



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF MEDICAL SCIENCES
DEPARTMENT OF NURSING & MIDWIFERY SCIENCES
END OF SEMESTER SEPTEMBER 2024 EXAMINATIONS**

COURSE CODE & COURSE TITLE: DOP 126: Teaching Methods and Instructions

DATE: 16-4-2025

Duration: 2 HOURS

Start: 2:00 PM

Finish: 4:00 PM

INSTRUCTIONS

1. This exam is out of 70 marks
2. This Examination comprises THREE Sections. Section I: Multiple Choice Questions (20 marks)
Section II: Short Answer Questions (30 marks) and Section III: Long Answer Questions (20 marks)
3. Answer ALL Questions.
4. Do Not write anything on the question paper -use the back of your booklet for rough work if need be.

SECTION I: MULTIPLE CHOICE QUESTIONS**(20 MARKS)**

1. According to B.F. Skinner's concept of shaping involves;-
 - A. Gradually increasing the complexity of a behaviour
 - B. Punishing undesirable behaviours immediately
 - C. Reinforcing any behaviour, regardless of its complexity
 - D. Removing reinforcement for a previously reinforced behaviour
2. The main difference between a "subject-centered" and a "learner-centered" curriculum is;-
 - A. Subject-centered focuses on teacher preferences, while learner-centered prioritizes student interests.
 - B. Subject-centered places emphasis on students' needs, while learner-centered prioritizes subject content.
 - C. Subject-centered prioritizes specific subjects, while learner-centered emphasizes the overall development of the learner.
 - D. Subject-centered involves passive learning, while learner-centered promotes active
3. Actions that best reflects the application of the principles of backward design are;
 - A. Organizing lessons around a comprehensive textbook
 - B. Writing detailed lesson plans before setting assessment tasks
 - C. Identifying learning outcomes first, followed by assessment tasks and teaching strategies
 - D. Allowing students to choose their own learning objectives and assessment
4. The process of gradually reducing the frequency of a behaviour by removing the reinforcement that follows it is;
 - A. Shaping
 - B. Extinction
 - C. Generalization
 - D. Discrimination
5. The primary focus of the behaviourist approach to learning is;
 - A. Cognitive processes of the behaviour and actions
 - B. Environmental stimuli and observable behaviour
 - C. Emotions and motivation behind the behaviour
 - D. Personal experiences that inform the behaviour
6. The learning principle that involves breaking down complex tasks into smaller, more manageable parts and gradually increasing the complexity as mastery is;-
 - A. Chunking
 - B. Spiral curriculum
 - C. Scaffolding
 - D. Task analysis
7. According to the principles of andragogy, a key characteristic of adult learners is;-
 - A. Dependence on the teacher
 - B. Readiness to accept authority
 - C. Preference for structured learning only
 - D. Self-directedness and autonomy
8. In the context of nursing education, the term "syllabus" typically refer to;-
 - A. A summary of course content and objectives
 - B. A list of students enrolled in a course
 - C. Classroom rules and expectations
 - D. Assessment methods and grading criteria

E. engagement.

9. Duration of a microteaching session is;-
- A. A full school day
 - B. 5-10 minutes
 - C. 10-15 minutes
 - D. 30-60 minutes
10. The central role of the teacher in a problem-based learning (PBL) environment is;
- A. Delivering lectures and content
 - B. Facilitating and guiding the learning process
 - C. Assessing students through standardized tests
 - D. Controlling all aspects of the learning experience
11. A potential benefit of self-directed learning for learners is;-
- A. Limited responsibility for their own learning
 - B. Reliance on external authorities for all information
 - C. Increased motivation and ownership of the learning process
 - D. Passive acceptance of predetermined learning objectives
12. The domain of Bloom's Taxonomy that focuses on emotions and objectives on perception is;-
- A. Cognitive domain
 - B. Affective domain
 - C. Psychomotor domain
 - D. Metacognitive domain
13. The teaching aid particularly effective for demonstrating step-by-step processes or sequences such as wound cleaning procedure is;-
- A. Graphs and charts
 - B. Models and simulations
 - C. Videos
 - D. Whiteboard presentations
14. An example of a summative assessment is;
- A. Weekly quizzes
 - B. Group project
 - C. Continuous Assessment Test
 - D. Class participation
15. Triarchic Theory of Intelligence was proposed by;
- A. Alfred Binet
 - B. Howard Gardner
 - C. Robert Sternberg
 - D. Charles Spearman
16. In Bloom's Taxonomy, "Synthesis" level involve;-
- A. Combining different elements
 - B. Remembering information
 - C. Understanding complex concepts
 - D. Evaluating the worth of information

17. The primary purpose of feedback in assessment is;
- A. Assigning grades
 - B. Motivating students through rewards
 - C. Providing guidance for improvement
 - D. Comparing students to each other
18. The key advantage of using OSCE in assessing clinical skills is;
- A. Limited scope for assessing diverse skills
 - B. Emphasis on theoretical knowledge
 - C. Exclusively focusing on diagnostic skills
 - D. Standardization and objectivity
19. The acronym SMART stand for;
- A. Specific, Measurable, Achievable, Relevant, Time-bound
 - B. Strategic, Meaningful, Attainable, Realistic, Timely
 - C. Subjective, Measurable, Accurate, Realistic, Time-bound
 - D. Specific, Motivational, Achievable, Reflective, Targeted
20. An example of a non-projected visual aid is;-
- A. Video
 - B. Flip chart
 - C. PowerPoint presentation
 - D. Overhead projector

SECTION II: SHORT ANSWER QUESTIONS**(30 MARKS)**

1. Explain THREE (3) innovative types of teaching methods (6 Marks)
2. Outline FIVE (5) factors that affect learning (5 Marks)
3. Outline the FIVE (5) levels of learning in the cognitive domain (5 Marks)
4. State FOUR (4) points to consider when choosing an instructional media (4 Marks)
5. Outline TWO (2) differences between learning objectives and learning outcomes (2 Marks)
6. Outline EIGHTS (8) elements of a curriculum (8 Marks)

SECTION III: LONG ANSWER QUESTION –**(20 MARKS)**

1. As an oncology nurse specialist, you have been invited to give health education to basic level female nursing students about cervical cancer during the world cervical cancer day. In preparation for this you tasked with preparing a PowerPoint presentation for an educational session lasting 60 minutes.
 - a) Explain three (3) key strategies used in managing students in a class (6 Marks)
 - b) Explain five (5) key components of a lesson plan (10marks)
 - c) Outline four (4) features of a good PowerPoint presentation (4 Marks)