



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

**UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR**

YEAR FOUR TRIMESTER TWO EXAMINATIONS

**FOR THE DEGREE
OF
BACHELOR OF SCIENCE IN NURSING
BY DISTANCE LEARNING**

COURSE CODE: NCD 321

**COURSE TITLE: CURRICULUM AND INSTRUCTION IN
NURSING**

DATE: Monday 8th April, 2024

TIME: 3.00-6.00 PM

INSTRUCTIONS TO CANDIDATES

Answer all Questions

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 10 Printed Pages. Please Turn Over. ►

SECTION A:**Multiple Choice Questions**

1. Pedagogy in nursing education refers to:
 - a) Learning that is skill based.
 - b) Student centered learning
 - c) The act of teaching.
 - d) Andragogy.
2. Operant conditioning refers to:
 - a) Learning that is skill based.
 - b) Learning that is repeated.
 - c) Learning that is facilitated through reinforcement.
 - d) All of the above.
3. The following are theories of learning except;
 - a) Andragogy
 - b) Action learning.
 - c) Experiential learning.
 - d) Metaparadigm learning.
4. Learning is defined as:
 - a) Ability to accept what you are told
 - b) Change in behavior
 - c) Alternative way of thinking
 - d) Accepting new ideology
5. The following is a phase in the teaching process
 - a) Problem based approach
 - b) Learning needs assessment
 - c) Computer assisted learning
 - d) Simulation
6. The following statement is TRUE about the education process
 - a) The process involves dependent players
 - b) Changes foster growth in the learner and not teacher
 - c) Changes lead to growth in the learner and teacher

- d) Changes foster growth in the learner
7. Asynchronous teaching involves:
- a) Students interact with the teacher real time
 - b) Students working at their own schedule
 - c) Computer based learning
 - d) None of the above
8. A conducive learning environment can be achieved through
- a) Ensuring all the students in one cohort fit in one classroom
 - b) Lessons have minimal interruptions through provision of limited breaks
 - c) Having low teacher to student ratio
 - d) Increasing time for research for the teachers
9. Teaching strategies refer to;
- a) Teacher centered approach
 - b). The process of instruction.
 - c) Student centered approach.
 - d) All of the above.
10. Assessment of learner needs includes
- a) Choosing the setting
 - b) Data about the learner
 - c) Nursing diagnosis
 - d) Members of the health care team
11. The advantages of printed material include all the following except
- a) They are available to the learner as a reference for information when the nurse educator is not immediately present to answer questions or clarify information.
 - b) The printed materials are widely used at all levels of society, making it acceptable and familiar to the public.
 - c) Enormous varieties of materials are available through commercial sources and are easily obtainable, usually at relatively low cost, for distribution by educators.
 - d) The media forms bring the learner closer to reality and actively engage him or her in a visual and sometimes participatory manner
12. Which of the following is not an advantage of discussion as a method of teaching?
- a) Allows students to share ideas.
 - b) Inquiry – oriented.
 - c) Increase learner participation.
 - d) Provides learner opportunity to acquire language.

13. Among the following factors, which one does NOT influence choice of clinical activities.
- a) Philosophy and goals of program.
 - b) Characteristics of clinical setting.
 - c) Learner needs.
 - d) Clinical setting policies.
14. In norm-referenced interpretation;
- a) Test scores are compared to a standard criterion.
 - b) Test scores are compared to those of a group
 - c) They indicate what the student is able to do
 - d) All of the above
15. A school of nursing offering BSc. Nursing program plans to use computers in content delivery. Which of the following is a disadvantage of computers as teaching Aid is?
- a) It provides less flexibility and individualization of classroom interaction
 - b) Simultaneous testing of each individual student encourages cheating
 - c) It encourages mechanical response that can frustrate students
 - d) It is used for handling few students at computer terminals
16. Simulation as a method of clinical teaching may;
- a) Be designed for formative evaluation.
 - b) Be valuable for evaluating critical thinking.
 - c) Be used for analysis of critical event.
 - d) Use multimedia.
17. Summative evaluation of clinical learning performance
- a) Certifies competency.
 - b) Determines what can be learned.
 - c) Both 'a' and 'b'.
 - d) None of the above.
18. Validity of an assessment relates to the following except?
- a) Replication of results
 - b) The extent that a test measures what it is supposed to measure
 - c) Assessment gives the same results each time it is used
 - d) Consistency of results
19. The following factors determine the choice of an instructional strategy except.

- a) Lesson content
 - b) Available resources
 - c) Available time
 - d) Learner's previous experience
20. The following is a quality for a clinical mentor
- a) Skill in clinical teaching.
 - b) Clinical assessment skill.
 - c) Oral eloquence.
 - d) Well-groomed appearance.
21. Which of the following is a disadvantage of multiple choice questions?
- a) They do not measure psychomotor skills
 - b) They do not measure High level cognitive skills
 - c) They do not measure Problem solving skills
 - d) They do not measure Diagnostic priority skills
22. The following is true about the affective domain of learning
- a) Deals with ability to perform skills
 - b) Relates to acquired knowledge during learning
 - c) Addresses both skills and acquired knowledge
 - d) Aims to develop interpersonal and communication skills
23. Which of the following is not a factor to consider before selecting a teaching aid?
- a) Available resources
 - b) Learning objectives
 - c) Involved costs
 - d) Students' race
24. The role of the teacher in lesson control includes
- a) Controlling learning to ensure discussions divert from main topic
 - b) Taking note of students who control discussions and not those who are more quiet
 - c) Making use of different teaching strategies to ensure students' attention is maintained
 - d) Non-involvement of students
25. The following is true about clinical placement
- a) Provides an opportunity for application of theory to practice

- b) Placement does not enhance development of skills and competence
 - c) The qualified staff are not key to effectiveness of learning in the clinical environment
 - d) Leadership style and not personality of the manager enhances learning
26. The preceptor-student relationship promotes;
- a) Professionalism.
 - b) Socialization.
 - c) Competency.
 - d) All of the above.
27. Competency based education in nursing
- a) Focuses on what a person can actually do as a result of training
 - b) Emphasis both on the industry competency standards and on individual's grades relative to others
 - c) Is teacher centered
 - d) None of the above
28. A nurse educator has schedules to undertake assessment of learners as they begin their nursing program. The nurse educator is expected to undertake the following:
- a) Ascertain learner needs
 - b) Identify the learning styles of the learners
 - c) Determine the readiness to learn among the learners
 - d) All of the above
29. The following are essential components of a Competency Based Training system except
- a) Identification of learning outcomes
 - b) Assessment criteria
 - c) Actual performance is the source of evidence
 - d) Rate of progress is determined by the teacher
30. A nurse education integrates Problem Based Learning (PBL) in classroom teaching. Which of the following is true about PBL?
- a) PBL is teacher centered
 - b) PBL is student centered
 - c) PBL is Both teacher and student centered
 - d) All of the above
31. Which of the following approaches would enhance student engagement in a classroom session?
- a) Lecture
 - b) Teacher lead group discussions
 - c) Case studies
 - d) None of the above

32. A nurse educator is teaching first year nursing students on *caring*. Which of the following teaching strategies would enhance learning among these students?
- a) Microteaching
 - b) Role play
 - c) Discussion
 - d) Video casing
33. Team teaching involves
- a) More than one instructor teaching different groups of students
 - b) More than one instructor teaching one course
 - c) Team work in the school of nursing
 - d) Emphasis on student growth but not faculty growth
34. Quality assurance in nursing education is achieved through
- a) Evaluation of students but not the teaching process
 - b) Evaluation of the teacher by the students and not by peers
 - c) Review of the curriculum, evaluation of the teaching process by both peers and students
 - d) All of the above
35. The following statements is true about behaviorism theory of learning:
- a) Learning involves active assimilation of new information
 - b) Knowledge is linked to behavioral responses to environmental stimuli
 - c) Learning entails active discovery by learners
 - d) Students are integrated into a knowledge community
36. Fairness in clinical evaluation entails
- a) Identification of teacher biases that may influence the evaluation process
 - b) Evaluation is based on predetermined outcomes
 - c) A supportive clinical learning environment
 - d) All of the above
37. The following is an advantage of essay questions
- a) Able to measure psychomotor domain
 - b) Objectives achieved in limited time
 - c) Allows application of knowledge
 - d) Easy to score
38. Factors to consider when preparing a lesson plan includes
- a) Number of student
 - b) Student's previous knowledge
 - c) Available time
 - d) None of the above
39. The following defines a scheme of work

- a) A guideline that defines the structure and content of a course
 - b) A guide for assessment of learning
 - c) A guide for a topic in a course
 - d) None of the above
40. Users of assessment results include
- a) Employees
 - b) Bidders
 - c) Employers
 - d) None of the above
41. The following is true about formative evaluation
- a) Guides student's progress to another level
 - b) Supports both teaching and the learning process
 - c) Does not guide progress on objectives achievement
 - d) All of the above
42. Communication in nursing education plays the following roles except
- a) Identification of learning needs
 - b) Prioritization of learning needs
 - c) Sharing of content
 - d) All of the above
43. Curriculum development process entails
- a) Assessment of students
 - b) Stakeholders' meeting
 - c) Assessment of teachers
 - d) None of the above
44. External issues that affect nursing education in Kenya includes
- a) Global violence
 - b) demographic changes
 - c) technological advances
 - d) All of the above
45. Characteristics of an effective lesson plan includes the following except;
- a) Clearly stated objectives
 - b) Rarely links content with the previous knowledge of students
 - c) Shows the content flowing in a logical manner
 - d) Shows various questions that will be asked during the lesson
46. Micro-teaching involves
- a) Reduced class size of 5 to 10 pupils
 - b) Reduced duration of teaching
 - c) Development of teaching skills.

- d) All of the above
47. Advantages of micro-teaching includes
- a) Effective tool for developing learning efficiency
 - b) Training of students becomes individualized
 - c) Can be done either in real classroom or in simulated situations
 - d) Effective feedback tool for modification of learner behavior
48. Interactive learner based methods include:
- a) Role play
 - b) Case scenarios
 - c) Simulation
 - d) All of the above
49. A nurse educator requires to set an examination. The examiner has covered 80% of the content. Which of the following would be the best questions for examining the content?
- a) Essay type questions
 - b) Short answer questions
 - c) Multiple choice questions
 - d) None of the above
50. The following is an advantage of group discussion as a teaching method
- a) Reaches many students at the same time
 - b) Cost effective
 - c) Student centred
 - d) None of the above
51. Demonstration as a teaching strategy in nursing education
- a) Targets cognitive domain of learning
 - b) Helps in understanding caring
 - c) Is effective in development of affective domain
 - d) Is effective in skill acquisition
52. A conducive learning environment includes
- a) Limited student involvement
 - b) Unapproachable mentors
 - c) Environment that encourages students to take responsibility for own learning
 - d) Limited Peer support
53. During the design phase in curriculum development
- a) There is collection of data
 - b) Designs are based on results of the analysis phase
 - c) Prioritization of needs is undertaken
 - d) None of the above
54. Tylerian Model in curriculum development consists of
- a) Development of performance objectives and activities
 - b) Development of performance objectives, activities and organization of activities
 - c) Evaluation

- d) All of the above
- 55. Characteristics of learning includes
 - a) Learning is purposeful
 - b) Previous learning is not useful
 - c) The teacher knows it all
 - d) The learner must be passive
- 56. Readiness to learn
 - a) Individuals learn well if they see no reason for learning
 - b) Getting students ready to learn is not a responsibility of the teacher
 - c) Unclear objectives play a major role in readiness of the students
 - d) Readiness implies a degree of single-mindedness and eagerness.
- 57. In behaviorism theory of learning
 - a) There is active assimilation and accommodation of new information to existing cognitive structures.
 - b) Motivation to learn is intrinsic
 - c) Motivation to learn is extrinsic
 - d) Collaborative learning is facilitated and guided by the teacher

For Questions 59 and 60, indicate whether the statement is True or False

- 58. Analysis is the highest level in Blooms Taxonomy _____
- 59. A teaching plan is guided by mutually predetermined behavioral outcomes to meet individual student needs _____
- 60. Assessment of learners needs is the last step in instructional design and is mostly prioritized _____

SECTION B: SHORT ANSWER QUESTIONS (20 MARKS)

1. Explain TWO (2) domains of learning and their application in nursing education (6 marks)
2. Describe TWO (2) approaches for assessing achievement of learning outcomes in the clinical area (8 marks)
3. Describe the process a nurse educator would follow in curriculum development (8 marks)

SECTION C: ESSAY QUESTIONS (20 MARKS)

1. Discuss FIVE (5) Key roles of a nurse educator in the management of nursing education programmes both in the classroom and clinical setup (20 marks)