



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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UNIVERSITY EXAMINATIONS 2024/2025

THIRD YEAR THIRD SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR  
OF SCIENCE IN NURSING

**NND 3413 – EDUCATION PYSCHOLOGY**

**DATE: JANUARY 2025**

**TIME: 2 HOURS**

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**INSTRUCTIONS:** *All questions are compulsory*

Ensure that all your answers are properly numbered

Part 1 Multiple Choice Questions (MCQs): Write the correct answer on the space provided in the answer booklet. Each MCQ is one mark.

Part 11: Short Answer Questions-Answer questions following each other on the answer booklet

Part 111: Long Answer Questions-Answer the questions on booklet

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**SECTION A: MCQ (20 MARKS)**

1. The primary aim of educational psychology is?
  - a) To contribute to an understanding of sound educational practices.
  - b) To provide the teacher with a greater appreciation of his role in the education of a learner.
  - c) To provide the academic background essential for effective teaching.
  - d) To provide a theoretical framework for educational research.
2. Which of the following theories is also known as "theory of reinforcement"?
  - a) Operant conditioning theory.
  - b) Stimulus response theory.
  - c) Classical conditioning theory.



- d) Theory of insight.
3. A student prefers to learn through hand-on activities rather than reading textbooks.  
This preference aligns with which learning theory?
- a) Cognitive theory.
  - b) Behaviourism theory.
  - c) Constructivism.
  - d) Information processing theory,
4. Which of the following is not a principle of development?
- a) Uniformity.
  - b) Continuity.
  - c) Individual difference.
  - d) Predictability.
5. How does the child's developmental process proceed?
- a) From simple to complex.
  - b) From complex to simple.
  - c) From specific to general.
  - d) From general to specific.
6. Which of the following best describes the relationship between motivation and learning?
- a) Learning is independent of motivation.
  - b) High motivation leads to better learning outcomes..
  - c) Motivation and learning are unrelated processes.
  - d) Only external motivation affects learning
7. Miranda is a teacher and is preparing hard to complete research proposal for his masters.  
This is an example of?
- a) Intrinsic motivation.
  - b) Extrinsic motivation,
  - c) Active motivation.
  - d) Intellectual motivation.
8. Student-centric classroom is meant for?
- a) Addressing individual differences.
  - b) Reducing teacher-oriented lectures.
  - c) Recalling the previous knowledge.
  - d) Engaging the entire class.

9. Interpersonal intelligence includes the ability to understand?
- a) One's own emotions.
  - b) How context affects performance on vocabulary tests.
  - c) Other people's emotions.
  - d) The role of schooling in conversational ability.
10. Personality is thought to be?
- a) Short term and easily changed.
  - b) A pattern of short-term characteristics.
  - c) Unstable and short term.
  - d) Long term, stable and not easily changed.
11. Guidance is a process of?
- a) Giving advice to the child.
  - b) Teaching ethics to the child,
  - c) Providing information to the child.
  - d) Assisting the child in making wise choices.
12. The process of assigning a number to a performance or an attribute of a person is?
- a) Measurement.
  - b) Evaluation.
  - c) Assessment.
  - d) Test.
13. Measures that can have any value within a certain range is?
- a) Random sample.
  - b) Continuous data.
  - c) Discrete data.
  - d) Grouped data.
14. Which scale of measurement allows for the construction of a meaningful ratio due to a fixed zero point?
- a) Nominal scale.
  - b) Ordinal scale.
  - c) Interval scale.
  - d) Ratio scale.
15. The aim of teacher made test is to?
- a) Make sure teacher able specified instructional objective have been achieved,

- b) Monitor student's learning to provide ongoing feedback.
  - c) Evaluate student's learning at the end.
  - d) Help the school in evaluating progress.
16. The essay test possesses relatively low validity and reliability because of the following factors EXCEPT?
- a) It can be assessed only by a teacher or competent professionals.
  - b) It may not provide a true picture of the comprehension level of the learner.
  - c) The learners focus on learning broad concepts and articulating relationship.
  - d) Good verbal ability even in the absence of relevant point.
17. When the 'test data' tell us about a student's level of proficiency in a defined area, the procedure of evaluation is called?
- a) Formative evaluation.
  - b) Summative evaluation.
  - c) Norm-referenced testing.
  - d) Criterion-referenced testing.
18. The application of operant conditioning in nursing education may be achieved by:-
- a) Stating the objectives of a teaching session.
  - b) Using punishment to extinct negative behavior.
  - c) Rewarding positive behavior.
  - d) Stimulus variation in classroom teaching.
19. A Likert Scale is used to measure a set of?
- a) Values.
  - b) Attitude.
  - c) Norms.
  - d) Formulae.
20. The stage of cognitive development where the individual's thinking move to abstract and theoretical subject is?
- a) Sensorimotor.
  - b) Preoperational.
  - c) Formal operations.
  - d) Concrete operations

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

1. State four methods used to modify behavior in operant conditioning (4marks)



2. State six levels in Bloom's Taxonomy for Cognitive domain in cognitive theory (6marks)
3. Explain five reasons why classroom management is important (10 marks).
4. Define the following terms (10 marks)
  - a) Assessment (1 mark).
  - b) Examination (1 mark).
  - c) Measurement (1 mark).
  - d) Evaluation (1 mark).
5. When you collect data and make decisions about learning, you must be concerned with the issues of reliability and validity. Describe how each can be used in the process of evaluating learning and assigning grades (6 marks).

**PART 111: ESSAY QUESTION (20 MARKS)**

Determining whether learning occurs in nursing education is very vital.

- a) State five methods which can be used to evaluate nursing students in class (5 marks).
- b) Describe characteristics of a good measuring instrument (12 marks).
- c) State two areas included in ethics of testing and assessment (2 marks).

