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UNIVERSITY OF GHANA

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DEPARTMENT OF TEACHER EDUCATION
SCHOOL OF EDUCATION AND LEADERSHIP
COLLEGES OF EDUCATION

END OF YEAR TWO SEMESTER ONE EXAMINATIONS, 2023/2024

B.ED. PROGRAMME

COURSE CODE: TEJS 201

COURSE TITLE: DIFFERENTIATED PLANNING, LEARNING AND MULTIMEDIA FOR
JHS

INSTRUCTION: ANSWER ALL QUESTIONS IN SECTION A AND THREE QUESTIONS
FROM SECTION B

TIME: 2HOURS

SECTION A

Answer all questions in this section

1. In operant conditioning, learning results from the association of a behaviour with
 - a. Cognition
 - b. Its consequences
 - c. Conditioned stimuli
 - d. Unconditioned stimuli
2. In reinforcement, a behaviour is strengthened by the
 - a) Extinction of the positive behaviour
 - b) Introduction of a negative reinforcer
 - c) Introduction of a positive reinforcer
 - d) Removal of an aversive stimulus

3. Learning is considered a product through.....
 - a) Getting an information
 - b) Getting conversant with an idea
 - c) Acquiring knowledge and skills
 - d) A sort of experience.
4. Learning involves a change in.....
 - a) Cognition
 - b) Knowledge
 - c) Behaviour
 - d) Intuition
5. Following conditioning, the response that occurs between the unconditioned stimuli and the conditioned response is called.....
 - a) Unconditioned response
 - b) Conditioned stimuli
 - c) Conditioned response
 - d) Extinction
6. Which of the following does **not** affect the strength of conditioned responses?
 - a) Frequency of pairings of the CS with the US.
 - b) Timing of the presentation of the CS and US
 - c) Intensity of the US
 - d) Alternation of a US-CS presentation with a CR-UR presentation
7. The reappearance of the conditioned response after extinction is called
 - a) Higher-order cognition
 - b) Stimulus generalization
 - c) Stimulus discrimination
 - d) Spontaneous recovery
8. All the following are primary reinforcers except.....
 - a) Food
 - b) Water
 - c) Money
 - d) Sex

9. Rowland George, a one-year-old boy, cries profusely after receiving an injection from a green wearing nurse. This little boy clanged to the mother and started crying when he saw Auntie Agnes wearing green jogging along the main road. Which of the following did he experience?
- Extinction
 - Stimulus generalization
 - Stimulus discrimination
 - Spontaneous recovery
10. The knowledge that learners are required to master is called
- Styles
 - Products
 - Process
 - Content
11. In Process Dimension, retrieving relevant knowledge from long term memory is called
- Analysis
 - Creating
 - Evaluation
 - Remembering
12. All the following are the levels of Bloom's classification except....
- Knowledge
 - Comprehension
 - Evaluation
 - Categorization
13. Which of the following is NOT a characteristic of sensory operational stage in the cognitive development of a child?
- They learn to discover the world around them using their senses.
 - Their actions are voluntary in nature.
 - They realize the concept of causality
 - They begin to use symbols
14. A child who makes references to concrete references is said to be at the
- Concrete Operational Stage
 - Formal Operational Stage
 - Sensory Operational stage
 - Pre-operational Stage

15. A type of question which invites only one-word answer is known as
- a) Polar question
 - b) Open ended question
 - c) Probing question
 - d) Rhetorical question
16. The type of theory in education that recognizes the learners' understanding and knowledge based on their own experiences prior to entering school is known as.....
- a) Cognitive
 - b) Behavioural
 - c) Constructivist
 - d) Associative
17. Which of the following is NOT feature of the constructivist learning environment?
- a) Knowledge should not be shared between teachers and students.
 - b) Teachers and students will share authority.
 - c) The teacher's role is one of a facilitator or guides.
 - d) Learning groups will consist of small numbers of heterogeneous students.
18. The following are the relevance of the constructivist theory except.....
- a) It makes students active
 - b) It promotes students' agency
 - c) It develops advanced skills such as critical thinking, analysis, evaluation and creation.
 - d) It does not promote diverse viewpoints.
19. The following are the basic elements of visual design except
- a) Line
 - b) Value
 - c) Unity
 - d) Colour
20. The representation of structure in a physical system and or its properties is known as
- a) A hierarchy
 - b) A scale
 - c) A model
 - d) Dominance

21. In selecting an instructional media, the teacher must consider the following principles except.....
- a) Principles of Appropriateness
 - b) Principles of Authenticity
 - c) Principles of interest
 - d) Principle of line
22. The following are the challenges of inclusive education except.....
- a) Lack of trained teachers
 - b) Large class size.
 - c) Lack of child-centered are relevant curriculum
 - d) Availability of proper infrastructure
23. Alidu learns to dress himself when the parent reinforces him for accomplishing each small step in the process. Skinner considered this to be
- a) Extinction
 - b) Stimulus discrimination
 - c) Shaping
 - d) Stimulus generalization
24. In Knowledge Dimension, the interrelationship among the basic element within a larger structure that enable them to function together is called
- a) Factual knowledge
 - b) Conceptual knowledge
 - c) Procedural knowledge
 - d) Metacognitive knowledge
25. An annoying sound of a buzzer on an alarm clock increases the likelihood that we will get out of bed to turn it off. This scenario is an illustration of
- a) Stimulus discrimination
 - b) Positive reinforcer
 - c) Negative reinforcer
 - d) Primary reinforcer

SECTION B

(75 Marks)

- 1a) Describe differentiated learning. (5marks)
- b) Explain four (4) merits of differentiated instruction/learning. (20 marks)

- 2a) State five (5) characteristics of collaborative learning (5marks)
- b) Describe four (4) advantages of collaborative learning (20 marks)

3. Explain five (5) educational implications of Piaget's cognitive development. (25marks)

4. Explain two (2) advantages and three (3) disadvantages of the use of adaptive and assistive technologies. (25 marks)

- 5a) Explain three (3) factors that affect learning (9 marks)
- b) Describe four (4) principles of effective classroom management (16 marks)