

I a. What are 'Learning Approaches'? Describe the 7 E's model of Constructivist Approach to Learning.

- Concept of Learning Approaches: 3 marks.
- Description of the 7 E's model of Constructivist Approach to learning: 7 marks
 - Elicit, Engage, Explore, Explain, Elaborate, Evaluate Extend

I b. Explain why Collaborative Learning Approaches lead to optimum learning in students.

- Concept of Collaborative Learning: 3 marks
- Characteristics of Collaborative Learning: 3 marks
- Explanation of how Collaborative Learning optimises learning in students: 4 marks

I c. "Enquiry based Learning makes the student an independent life-long learner". Comment.

- Concept of Enquiry based Learning: 3 marks
- Characteristics of Enquiry based Learning: 3 marks
- Explanation of how Enquiry based Learning makes the student an independent life-long learner: 4 marks

II a. Explain the 'Concrete Operational' stage and the 'Formal Operational' stage in Piaget's Theory of Cognitive Development.

- Concept of Piaget's Theory of Cognitive Development: 2 marks
- Explanation of Concrete Operational stage in Piaget's Theory of Cognitive Devt: 4 marks
- Explanation of Formal Operational stage in Piaget's Theory of Cognitive Devt: 4 marks

II b. "Language is the main tool that promotes thinking and develops reasoning." Comment, with reference to Vygotsky's Theory of Social Development.

- Concept of Vygotsky's Theory of Social Development: 4 marks
 - Social Interaction,
 - More knowledgeable other and
 - Zone of Proximal Distal Development
- Explanation of the statement with reference to 3 elements: 6 marks

II c. Elaborate on the educational implications of Gardner's Theory of Multiple Intelligence.

- Explanation of 8 intelligence of Gardner's Theory of Multiple Intelligence: 4 marks
- Educational implications of Gardner's Multiple Intelligence Theory: 6 marks

III a. Explain the differences between Convergent Thinking and Divergent Thinking; alongwith with their educational implications.

- Concept of convergent thinking: 2 marks
- Concept of divergent thinking: 2 marks
- Educational implications of convergent thinking: 2 marks
- Educational implications of divergent thinking: 2 marks
- Differences between convergent and divergent thinking: 2 marks

III b. "Parents and Teachers play important roles in enhancing the memorisation skills of children". Justify.

- Concept of memorisation: 2 marks
- Role of parents in enhancing the memorisation skills of children: 3 marks
- Role of teachers in enhancing the memorisation skills of children: 3 marks

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III c. What is 'Forgetting'? Explain the impact of interest, multisensory learning material and practice; on forgetting, with suitable examples.

- Concept of forgetting: 1 mark
- Impact of interest on forgetting, with example: 3 marks
- Impact of multisensory learning material on forgetting, with example: 3 marks
- Impact of practice on forgetting, with example: 3 marks

IV a. What are the different ways to foster creativity in children? Why is it important?

- Concept of creativity: 2 marks
- Detailed description of 4 ways to foster creativity in children: 4 marks
- Importance of fostering creativity in children: 4 marks

IV b. Explain the five step in Problem Solving, in detail, with suitable examples.

- Concept of problem solving: 2 marks
- Significance of developing problem solving skills: 2 marks
- Educational implications of problem solving: 6 marks

IV c. What is 'Metacognition'? Describe its educational implications, with suitable examples

- Concept of metacognition: 2 marks
- 4 Educational implications of metacognition, with examples: 8 marks

V a. What is 'Inquiry based Learning'? Explain how the inquiry process helps students develop life skills.

- Concept of Inquiry based Learning Approach: 4 marks
- Benefits of inquiry based learning in developing life skills: 6 marks

V b. What are 'Learning Styles'? Describe the procedure, results and educational implications of the experiment performed by you.

- Concept of 'Learning Styles': 2 marks
- Experimental Requirements: 1 mark
- Procedure, of the experiment: 2 marks
- Observation Table and results: 2 marks
- Educational implications of the experiment: 3 marks

V c. What is 'Rote Memory'? What is 'Logical Memory'? Describe the procedure, results and educational implications of the experiment performed by you.

- Concept of Rote Memory: 1 mark
- Concept of Logical: 1 mark
- Experimental Requirements: 1 mark
- Procedure, of the experiment: 2 marks
- Observation Table and results: 2 marks
- Educational implications of the experiment: 3 marks

V c. Explain the educational implications of Problem Solving, with suitable examples.

- Concept of Problem Solving: 2 marks
- 4 Educational implications of Problem Solving, with an example: 8 marks

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