

Answer Key

IV Semester B.Ed (Theory) Examination, November 2023.

ADVANCE PEDAGOGY OF SPECIFIC SUBJECT- I

PAPER : APSS-1

Maximum marks : 80

SECTION - A

1. What is teaching? Explain its characteristics.

Ans: Teaching is the process of imparting knowledge, skills and values to other. It involves the sharing of information and ideas to facilitate learning and understanding.

Characteristics :

- 1) It is a social process.
- 2) Teaching is giving information
- 3) Teaching is an interactive process
- 4) It is a process of development and learning.
- 5) Teaching brings change in behavior.
- 6) It is observable, measurable and modifiable.

Meaning and definition – 2 marks, Five characteristics – 3 marks.

2. Write the differences between teaching and facilitating learning.

Ans:

Teaching	Facilitate learning
Teaching : a subject matter and delivery expert	Facilitator : Learner sensing and learning process expert
Knowledge transfer from teacher	Knowledge gained from learner's experience
Focus on subject matter	Focus on learner, learning process and learning context
Subject matter is organized in to topics	Learning process is organized in to SLE's
Reading, listening and remembering	Recognizing, Reflecting and abstracting
Concepts first : application/ practice later	Experience first and connecting to concepts later

Any 5-6 differences - 5 marks.

3. Explain the instructional objectives of cognitive domain with behavioral terms.

Cognitive level	Instructional Behavioral Term
1. Remembering	define, describe, identify, label, enumerate, match, outline, select, state, name, reproduce
2. Understanding	Summarize, paraphrase, rephrase, convert, estimate, explain, generalize, paraphrase, infer, rewrite, compute
3. Applying	Use, employ, give examples, changes, demonstrate, modify, predict, show, problem solving
4. Analyzing	Relate, distinguish, differentiate, illustrate, separates, subdivides, compare, contrast
6. Evaluating	Appraise, decide, justify, conclude, criticize, describe, defend
7. Creating	Formulate, compose, produce, categorize, combine, create, devise, design, generate, organize, rearrange, reconstruct, reorganize, revise

-5 Marks

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4. Discuss the importance of content analysis in teaching?

Ans :

- I. To comprehend the whole unit intern of all different components.
- II. It helps to plan the lesson properly allocation content components for different lessons.
- III. The think of other related explanation, illustration , reference to be made.
- IV. To plan for teaching of the content in different period by following the need steps.
- V. To give the wholestic view while teaching the unit by means of correlation of the subjects and other branches of life.

Any 5-6 differences – 5 marks.

5. Explain the role of ICT in evaluation process.

Ans:

- I. To prepare question paper.
- II. To prepare activity sheets.
- III. To check answer sheets
- IV. To store the marks.
- V. To process on marks.
- VI. To present result.
- VII. To analyze the result.

Brief explanation of above – 5 marks

6. Write instructional objectives on any one topic of your choice.

Ans : Writing knowledge, under standing , skill, application and attitude objectives on your topic of choice. --- 5 marks.

7. Explain the importance and limitations of Online examinations.

Ans:

Importances :

- I. Accessibility and Convenience
- II. Reduced Administrative Burden
- III. Cost Efficiency
- IV. Enhanced Security Measures
- V. Adaptive Testing

Limitations :

- I. Technical Challenges
- II. Security Concerns
- III. Limited Question Types
- IV. Unequal Access
- V. Technological Anxiety

Brief explanations of above – 5 marks.

8. What are the activities for facilitating learning? Explain.

Ans:

- I. Group Discussions
- II. Hands-On Activities
- III. Case Studies
- IV. Role-Playing
- V. Technology Integration
- VI. Field Trips
- VII. Problem-Based Learning
- VIII. Mind Mapping

Brief explanations of above – 5 marks

Answer Key

9. Explain the meaning and objectives of seminar.

Ans: Meaning - A seminar is a focused gathering of people who come together to discuss and learn about a specific topic or area of interest. It's typically more in-depth and interactive than a traditional lecture, with participants actively engaging in the discussion and sharing their own thoughts and experiences.

Objectives :-

- To increase knowledge and understanding of the topic at hand.
- To develop critical thinking and analytical skills.
- To improve communication and presentation skills.
- To encourage collaboration and teamwork.
- To identify and solve problems.
- To explore different perspectives and viewpoints.

– 5 marks.

10. Write the advantages and disadvantages of workshop.

Ans: Advantages :

- Hands-On Learning
- Skill Development
- Interactive Environment
- Immediate Feedback
- Problem-Solving Opportunities
- Application of Theory
- Efficient Use of Time

Disadvantages :

- Resource Intensive
- Varied Participant Levels
- Limited Coverage
- Lack of Follow-Up
- Not Suitable for All Topics
- Evaluation Challenges
- Facilitator Quality
- Expensive to conduct

Brief explanation of above – 5 marks

11. Explain the characteristics of Autonomous learning model.

Ans:

- Self-Initiated
- Personal Responsibility
- Intrinsic Motivation
- Goal-Oriented
- Reflective Practice
- Flexibility and Adaptability
- Curiosity and Inquiry

Brief explanation of above – 5 marks.

12. "Task analysis helps in skill development" – Discuss.

Ans:

- Makes complex skills less overwhelming: By breaking down a skill into smaller, bite-sized pieces, task analysis reduces the cognitive load on learners, making it easier for them to understand and master each step.
- Increases focus and precision: By clearly defining the specific requirements of each step, task analysis helps learners focus on the specific skills and knowledge they need to develop. This improves the accuracy and quality of their performance.

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- Provides a roadmap for learning: Task analysis creates a clear learning path for individuals, allowing them to see the progression from start to finish. This promotes a sense of direction and accomplishment, keeping them motivated throughout the learning process.
- Identifies prerequisite skills and gaps: Task analysis helps identify any foundational skills learners may need before attempting a more complex skill. This allows instructors to address any gaps in knowledge or skills before moving forward, preventing frustration and ensuring success.

- 5 marks

13. Explain the importance of situated learning.

- Ans:**
- Deeper understanding and retention
 - Development of relevant skills
 - Increased motivation and engagement
 - Socialization and community building
 - Development of critical thinking and reflection

Brief explanation of above – 5 marks.

14. Discuss about causes of Backwardness in learning.

- Ans:**
- Learning Disabilities
 - Lack of Learning Resources
 - unsupportive educational environments
 - Poor Health
 - Socio economic Factors
 - Difficulty in understanding the language of instruction
 - Cognitive Developmental Delays
 - Lack of Individualized Attention
 - Lack of Motivation

Brief explanation of above – 5 marks.

15. Write note on continuous and comprehensive evaluation.

- Ans:** Continuous and Comprehensive Evaluation (CCE) stands as a transformative approach to student assessment, redefining the traditional examination-centric model prevalent in education. CCE integrates assessment seamlessly into the learning process, emphasizing ongoing evaluation. This multifaceted methodology incorporates various assessment tools, including quizzes, assignments, projects, and class participation, providing a more nuanced understanding of a student's progress. Beyond academics, CCE embraces a holistic evaluation framework, considering co-curricular activities, life skills, attitudes, and values. It aims to reduce the stress associated with high-stakes exams and fosters individualized learning, catering to diverse student needs. Continuous feedback mechanisms and active parental involvement are integral components, creating a collaborative and supportive educational ecosystem. By nurturing critical thinking, creativity, and adaptability, CCE prepares students not only for academic success but also for the challenges of a dynamic, ever-changing world.

– 5 marks.

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SECTION – B

16. a) Write an essay on “Instructional modules” with respect to the followings.

- i) Meaning ii) Characteristics iii) Steps

Ans : i) Meaning of Instructional Modules:

Instructional modules are organized units of instructional content designed to facilitate effective teaching and learning. These modules typically consist of a series of related lessons or activities that address specific learning objectives. They are structured to guide both teachers and learners through a cohesive and systematic learning experience, often incorporating multimedia, assessments, and instructional materials. – 2 marks

ii) Characteristics :

- Structured Content
- Clear Learning Objectives
- Multimedia Integration
- Assessment Components
- Adaptability
- Engagement Strategies
- Aligned with Curriculum Flexibility

Brief explanation of above – 4 marks.

iii) Steps:

- Introduction and Instruction
- Behavioral objectives
- Pre-Test
- Learning activities
- Self-Evaluation
- Post-test

Brief explanation of above – 4 marks.

16 b) Explain the Importance of panel discussion with its merits and demerits.

Ans : Panel discussions offer a unique and engaging format for exploring complex topics and diverse perspectives. Their importance stems from several advantages, although some limitations need consideration.

Merits:

- Multiple perspectives: By bringing together a group of experts or individuals with different experiences and viewpoints, panel discussions provide a richer and more nuanced understanding of an issue.
- Interactive and engaging: The dynamic nature of a panel discussion, with the interplay of different voices and responses to audience questions, keeps listeners engaged and interested.
- Stimulates critical thinking: Hearing varying viewpoints encourages participants to critically analyze the topic, challenge assumptions, and formulate their own opinions.
- Promotes problem-solving: The collaborative nature of the discussion can spark creative solutions and innovative approaches to complex problems.
- Networking opportunities: For both panelists and audience members, a well-organized panel discussion can provide valuable networking opportunities and connections within a field or community.

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- Accessible format: Compared to lectures or presentations, panel discussions can be more accessible and appealing to a wider audience due to their conversational and interactive nature.

Demerits:

- Dominant personalities: Some panelists may dominate the discussion, leaving others with limited opportunity to share their perspectives.
- Superficial coverage: Due to time constraints and the need to address diverse viewpoints, a panel discussion may not allow for in-depth exploration of specific aspects of the topic.
- Unprepared panelists: Poorly prepared panelists can weaken the quality of the discussion and leave the audience with unanswered questions.
- Lack of audience participation: If not well-moderated, a panel discussion can become solely focused on the panelists, leaving the audience feeling uninvolved.
- Logistical challenges: Organizing a successful panel discussion requires careful planning, coordination, and consideration of factors like moderator selection, venue, and technology.
- Potential for biases: The selection of panelists can unconsciously introduce biases, limiting the diversity of perspectives presented.

-- Importance : 2 marks ; Merits : 4 marks ; Demerits : 4 marks

17. a) Explain the importance of diagnostic test and remedial teaching in improving low achievers.

Ans : **Importance of Diagnostic test :**

A diagnostic test is an assessment tool used to identify students' individual strengths, weaknesses, and areas for improvement in specific skills or knowledge areas. It goes beyond simply measuring achievement and delves deeper to understand the "why" behind performance, providing insights into learning gaps, misconceptions, and specific needs.

Identifying Learning Gaps: Diagnostic tests help educators identify gaps in students' understanding and knowledge, allowing for targeted interventions. Customizing Instruction: Results from diagnostic tests inform the customization of instructional strategies to meet the diverse needs of learners. Facilitating Early Intervention: Early identification of challenges through diagnostic testing enables timely interventions to prevent academic difficulties. Informing Curriculum Design: Diagnostic assessments contribute data for refining and adjusting curriculum content and delivery methods.

- 5 marks

Importance of Remedial teaching :

Remedial teaching plays a crucial role in ensuring all students reach their full potential by providing targeted support for those struggling with specific concepts or skills. Its importance can be understood through the following aspects:

1. Improved Academic Performance:

- Remedial teaching fills in learning gaps and clarifies misconceptions, leading to a deeper understanding of subject matter.
- It provides focused practice and individualized feedback, helping students master skills they may have initially fallen behind on.
- By addressing weaknesses early on, remedial teaching prevents them from accumulating and impacting overall academic performance.

2. Increased Confidence and Motivation:

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- Experiencing difficulties in class can damage students' confidence and motivation to learn. Remedial teaching creates a supportive environment where students can overcome challenges and experience success, which boosts their self-esteem and encourages them to persevere.
 - The personalized attention and positive reinforcement received in remedial sessions can cultivate a love for learning and a desire to improve.
3. Fostering Inclusiveness and Equity:
- By addressing individual needs, remedial teaching ensures that all students have an equal opportunity to succeed regardless of their starting point.
 - It breaks down barriers to learning and promotes inclusivity within the classroom, creating a more supportive and accepting environment for all learners. -5 marks

17. b) Write an essay on “ Metacognitive Strategy” with reference to the following.

Ans: i) Meaning ii) Characteristics iii) Uses

i) Meaning: The awareness and understanding of one's own thought processes, including the ability to plan, monitor, and evaluate learning. - 2 marks

ii) Characteristics of Metacognitive Strategies:

It is a higher order thinking

It involves awareness and self regulation of one's own learning process

It includes understanding of how one thinks

It involves knowing how to learn

It involves active control over the cognitive process -Brief explanation of above- 4 marks

iii) Uses of Metacognitive strategy :

Metacognitive strategies have a wide range of uses in various aspects of learning and life

- Enhancing learning effectiveness
- Developing critical thinking and problem-solving skills
- Promoting self-awareness and autonomy
- Promoting self-awareness and autonomy
- Improving reading comprehension
- Boosting writing skills

-Brief explanation of above- 4 marks

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