

## PREVIEW QUESTION BANK

Module Name : ntr24-ed23 Basic Instructional Methods-ENG  
Exam Date : 18-May-2024 Batch : 15:00-18:00

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	13442001	<p>Identify the learning outcome that is predominantly categorized under affective domain.</p> <ol style="list-style-type: none"> <li>1. Select suitable instruments for calculating efficiency of a DC Motor.</li> <li>2. Explain with sketches the working of a 4-stroke petrol engine.</li> <li>3. Volunteer for shouldering responsibility for being project group leader.</li> <li>4. Recognize unstated assumptions in the given problem-solving situation.</li> </ol> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>		2.0
Objective Question				
2	13442002	<p>Given below are two statements:</p> <p>Statement (I): For learners, learning is an external process while instruction is an internal process.</p> <p>Statement (II): For learners, learning is an analysis process while instruction is a synthesis process.</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> <li>1. Both Statement (I) and Statement (II) are correct.</li> <li>2. Both Statement (I) and Statement (II) are incorrect.</li> <li>3. Statement (I) is correct but Statement (II) is incorrect.</li> <li>4. Statement (I) is incorrect but Statement (II) is correct.</li> </ol> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>		2.0
Objective Question				
3	13442003			2.0

Given below are two statements:

Statement I: A model of teaching is a plan that can use to shape curricula, to design instructional materials and to guide instruction.

Statement II: A model of teaching helps in formation of hypothesis.

In light of the above statements, choose the correct answer from the options given below:

1. Both Statement (I) and Statement (II) are correct.
2. Both Statement (I) and Statement (II) are incorrect.
3. Statement (I) is correct but Statement (II) is incorrect.
4. Statement (I) is incorrect but Statement (II) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

4 13442004

2.0

According to Gagne's Events of Instruction, which of the following events is directly related to presenting new information with respect to development phase of Instructional Session plan?

- (A). Stimulating recall
- (B). Guiding learning
- (C). Presenting the stimulus material
- (D). Providing feedback

Choose the **correct** answer from the options given below:

1. (A), (B) and (C) only.
2. (A), (B) and (D) only.
3. (A), (B), (C) and (D).
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

5 13442005

2.0

Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A): 'Stimulus variation' enhances the amount of learning.

Reason (R) : Monotony results in boredom and loss of interest.

In light of the above statements, choose the *most appropriate* answer from the options given below .

1. Both (A) and (R) are correct and (R) is the correct explanation of (A).
2. Both (A) and (R) are correct but (R) is NOT the correct explanation of (A).
3. (A) is correct but (R) is not correct.
4. (A) is not correct but (R) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

6 13442006

2.0

Given below are two classifications related to instructional methods:

Classification (I): Parent centred and student centred

Classification (II): Proactive and reactive

In light of the above statements, choose the *most appropriate* answer from the options given below.

1. Both Statement (I) and Statement (II) are correct.
2. Both Statement (I) and Statement (II) are incorrect.
3. Statement (I) is correct but Statement (II) is incorrect.
4. Statement (I) is incorrect but Statement (II) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

7 13442007

2.0

Match List-I with List-II

List-I	List-II
<b>(Teacher activity for students to achieve the learning outcomes)</b>	<b>(Principles of learning)</b>
(A).The teacher explains the need to learn a particular topic.	(I). Principle of logical sequencing
(B). The teacher teaches the simple and known things first.	(II). Principle of reinforcement
(C). The teacher appreciates the students who have performed well in class tests.	(III). Principle of feedback
(D). The teacher tells the students how to perform better in the next test.	(IV). Principle of motivation

Choose the **correct** answer from the options given below:

1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
2. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
3. A) - (IV), (B) - (I), (C) - (II), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

8 13442008

One of the key advantage of lecture as an instructional method is

1. Promotes active student participation and discussion.
2. Effectively communicates complex information to a large audience.
3. Encourages diverse learning styles and personalized learning.
4. Provides opportunities for hands-on practice and skill development.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

9 13442009

Which of the following types of questions are commonly used in the question-answer technique along with lecture?

- (A). Leading questions that guide students towards a specific answer.
- (B). Rhetorical questions that don't require a verbal response.
- (C). Re-capitulatory questions to revise the lesson and evaluate how much learning has occurred.
- (D). Open-ended questions requiring elaboration and analysis.

Choose the **correct** answer from the options given below:

- 1. (A), (B) and (D) only.
- 2. (A), (B) and (C) only.
- 3. (A), (B), (C) and (D).
- 4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

10 13442010

Given below are two statements for question - answer technique:

Statement (I): It is suitable for checking the comprehension of what has been taught.

Statement (II): It keeps the student passive.

In light of the above statements, choose the *most appropriate* answer from the options given below.

- 1. Both Statement (I) and Statement (II) are correct.
- 2. Both Statement (I) and Statement (II) are incorrect.
- 3. Statement (I) is correct but Statement (II) is incorrect.
- 4. Statement (I) is incorrect but Statement (II) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

2.0

Objective Question

11 13442011

2.0

Match **List-I** with **List-II**

List-I	List-II
(Dave's Taxonomy of psychomotor domain)	(Description)
(A). Imitation	(I). the response is automatic
(B). Manipulation	(II).repeating an act that has been demonstrated or explained
(C). Articulation	(III). able to perform certain actions by following instructions and practicing
(D). Naturalization	(IV).coordinating a series of actions, achieving harmony and internal consistency

Choose the **correct** answer from the options given below:

1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
2. (A) - (II), (B) - (III), (C) - (IV), (D) - (I)
3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

12 | 13442012

2.0

Given below are three statements regarding using demonstration technique for developing skill in a student.

Statement (I): Planning for a demonstration involves the six stages in the sequence of planning for design, rehearsal, motivation, performance, practice and feedback.

Statement (II): The teacher must demonstrate the skill to the students as a complete cycle of operation only.

Statement (III): The teacher must ensure that the complete skill is developed through constant practice by the students.

In light of the above statements, choose the *most appropriate* answer from the options given below:

1. All Statements are correct.
2. Both Statement (I) and Statement (II) are incorrect, but Statement (III) is correct.
3. Both Statement (I) and Statement (III) are correct, but Statement (II) is incorrect.
4. Both Statement (II) and Statement (II) are correct, but Statement (III) is incorrect.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

13 13442013

2.0

The models associated with the Information Processing Family of Models of Teaching are

1. Inductive thinking, Concept attainment, Advance organizers, Inquiry training
2. Directive Teaching, Biological Science inquiry, Group investigation, Non-Directive teaching
3. Advance organizers, Non-Directive teaching, Inquiry training, Role playing
4. Concept attainment, Group investigation, Role playing, Non-Directive teaching

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

14 13442014

2.0

Given below are two statements:

Statement (I): Illustration type demonstration is useful for displaying the components of CRO.

Statement (II): Operational type demonstration is useful for showing how to read a thermometer.

In light of the above statements, choose the *most appropriate* answer from the options given below.

1. Both Statement (I) and Statement (II) are correct.
2. Both Statement (I) and Statement (II) are incorrect.
3. Statement (I) is correct but Statement (II) is incorrect.
4. Statement (I) is incorrect but Statement (II) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

15 13442015

2.0

Eclectic Instructional Strategy is

1. A strategy in which, the teacher plays the major active role, more as an information provider.
2. A strategy in which the student plays an active role for his/her learning.
3. A strategy in which both the teacher and student changes their roles during teaching-learning session.
4. A strategy in which, the teacher plays the passive role during teaching-learning session.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

16 13442016

2.0

In classroom teaching-learning situations, span of attention of students in a class period is limited to

1. 50 to 60 minutes
2. 30 to 40 minutes
3. 15 to 20 minutes
4. 2 to 3 minutes

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

17 13442017

2.0

Lecture method is an effective method

1. for heterogeneous learner groups.
2. with regards to time and cost.
3. as it can be easily used to develop practical outcomes.
4. as it can develop easily affective domain related outcomes.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

18 13442018

2.0

The principle of learning that is predominantly used in laboratory method is

1. it decreases the relevance of real-world applications.
2. it allows students to skip theoretical learning.
3. it eliminates the need for homework assignments.
4. it helps students to develop practical skills.

A1 : 1

A2 : 2



A3 : 3

A4 : 4

## Objective Question

19 13442019

Process of learning and its sub-processes

1. aid in selecting activities for students.
2. aid in selecting a suitable assessment procedure.
3. aid the teacher to diagnose learning difficulties.
4. aid in selecting a suitable instructional strategy.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

2.0

## Objective Question

20 13442020

The importance of rehearsal before carrying actual demonstration in the classroom is that the

- (A). teacher can prepare properly for each step of the demonstration.
- (B). teacher becomes familiar with the difficulties that may occur during the demonstration.
- (C). it develops self-confidence in teachers.
- (D). student becomes familiar with the difficulties that may occur during the demonstration.

Choose the *correct* answer from the options given below:

1. (A), (B) and (C) only.
2. (A), (B) and (D) only.
3. (B), (C) and (D) only.
4. (A), (B), (C) and (D).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

2.0

## Objective Question

21 13442021

2.0

Given below are two statements:

Statement (I): Lecture take care of the individual differences in the students' abilities, interests and experiences.

Statement (II): Research has indicated that recall of information after the lecture is not that encouraging.

In light of the above statements, choose the *most appropriate* answer from the options given below.

1. Both Statement (I) and Statement (II) are correct.
2. Both Statement (I) and Statement (II) are incorrect.
3. Statement (I) is correct but Statement (II) is incorrect.
4. Statement (I) is incorrect but Statement (II) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

22 13442022

Select the relevant model for development of practical skill

1. Demonstration, Practice, feedback cycle
2. Practice, Feedback cycle
3. Input, assignment, practice, feedback
4. Awareness, adoption, practice, feedback

A1 : 1

A2 : 2

A3 : 3

A4 : 4

2.0

Objective Question

23 13442023

Given below are two statements:

Statement (I): Dave's Taxonomy of psychomotor domain depicts the various levels at which the practical skills can be developed from manipulation level to the naturalization level.

Statement (II): Lack of motivation and adequate skills in the faculty to plan, organise and manage laboratory activities and maintenance of available resources hampers the effectiveness of lab instruction.

In light of the above statements, choose the *most appropriate* answer from the options given below.

1. Both Statement (I) and Statement (II) are correct.
2. Both Statement (I) and Statement (II) are incorrect.
3. Statement (I) is correct but Statement (II) is incorrect.
4. Statement (I) is incorrect but Statement (II) is correct.

2.0

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

24 13442024

A certain shy and low performing student of a class has difficulty in solving numerical problems on electricity. The most appropriate method which can be used to address this problem is

1. lecture
2. group work with bright students
3. assignment
4. tutorial

A1 : 1

A2 : 2

A3 : 3

A4 : 4

2.0

## Objective Question

25 13442025

Choose the correct statement related to the tutorial method.

- (A). The tutorial is a fully student-centred method.
- (B). The tutorial is a fully teacher-centred method.
- (C). The tutorial is neither a fully teacher-centred method, nor a fully student-centred method.
- (D). The tutorial method helps students in solving their individual difficulties.

Choose the **correct** answer from the options given below:

1. (B) and (D) only.
2. (A) and (B) only.
3. (A) and (D) only.
4. (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

2.0

## Objective Question

26 13442026

2.0

A major project work is

1. a report stating the open-ended problem.
2. an open-ended task that may have practical work related to one skill.
3. a closed specific task that the students are required to do as guided by teacher.
4. an open-ended experience that requires integration of several skills.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

27 13442027

2.0

A communication skills course has traditionally relied on lectures and presentations for teaching public speaking. However, students often struggle with overcoming stage fright and delivering engaging presentations. Which instructional method would be suitable under such conditions, to develop better communication skills in students

1. Lecture
2. Laboratory
3. Field Visit
4. Seminar

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

28 13442028

2.0

The principle of learning that is predominantly used in workshop practice method is

1. learning by analyzing
2. learning by observing
3. learning by listening
4. learning by doing

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

29 13442029

2.0

Given below are two statements:

Statement (I): For developing practical skills through workshop, a job sheet gives direction for a series of operations involved in a complete job.

Statement (II): For developing practical skills through workshop, an Information sheet covers a single basic operation

In light of the above statements, choose the *most appropriate* answer from the options given below.

1. Both Statement (I) and Statement (II) are correct.
2. Both Statement (I) and Statement (II) are incorrect.
3. Statement (I) is correct but Statement (II) is incorrect.
4. Statement (I) is incorrect but Statement (II) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

30 13442030

2.0

For receiving the most direct experience by the students, the most efficient instructional method is

1. Group discussion
2. Field Visit
3. Lecture method
4. Seminar Method

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

31 13442031

2.0

Which of the following is NOT a skill planned to be developed in students through laboratory work?

1. Logical reasoning skill
2. Negotiating skill
3. Team working skill
4. Good housekeeping skill

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

32 13442032

2.0

Given below are two statements:

Statement (I): For workshop based skill development , the teacher should be a master performing at experienced worker standard.

Statement (II): The three skill development methods are

Part-skill development method, Reverse part-skill development method and Progressive part-skill development method.

In light of the above statements, choose the *most appropriate* answer from the options given below.

1. Both Statement (I) and Statement (II) are correct.
2. Both Statement (I) and Statement (II) are incorrect.
3. Statement (I) is correct but Statement (II) is incorrect.
4. Statement (I) is incorrect but Statement (II) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

33 13442033

2.0

Which of the following is an outcome of an engineering programme that the industry needs?

1. Knows the principles of induction motor testing.
2. Comprehends the testing of the induction motor.
3. Understands the procedure of induction motor is tested.
4. Undertakes the testing of the induction motor.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

34 13442034

2.0

Regarding Instruction

- (A). Instruction is external to the learners.
- (B). There is a set of events of instruction.
- (C). These events of instruction are designed by the teachers.
- (D). These events of instruction support the internal process of learning.

Choose the **correct** answer from the options given below:

- 1. (A), (B) and (C) only.
- 2. (A), (B) and (D) only.
- 3. (A), (B), (C) and (D).
- 4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

35 13442035

In a welding workshop, a senior worker always uses dark goggles, while doing arc welding. When a new worker joins the workshop, while doing the welding, he avoids the use of dark goggles. Then the senior welder insists him that he should always use the dark goggles and explains him the reasons to protect eyes. With reference to the senior welder, this situation emphasize which one of the given options regarding social and value skills:

- 1. Interpret, procure and handle with dexterity
- 2. Alertness, maintain records and Inspect
- 3. Safety consciousness, health consciousness and follow safe practices
- 4. Maintain records, follow safe practices and handle with dexterity

A1 : 1

A2 : 2

A3 : 3

A4 : 4

2.0

Objective Question

36 13442036

One of the limitations: of workshop practical method is

- 1. It helps the students to handle and operate tools, instruments and equipment safely.
- 2. It helps the students to diagnose the problems of workshop machine tools.
- 3. It helps the students to get exposure to actual working environment.
- 4. The workshop practice cannot be organised for large group of students.

A1 : 1

2.0

A2 : 2

A3 : 3

A4 : 4

## Objective Question

37 13442037

2.0

Compared to a lecture, a seminar typically involves:

1. Less student participation and interaction.
2. Greater emphasis on student research and preparation.
3. The ability to cover a large amount of material in a short time.
4. A focus on rote memorization of facts.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

38 13442038

2.0

Which of the following set of statements is to be considered for selecting an instructional method?

- (A). Teacher's socio-economic background
- (B). Students' entry level
- (C). Prior subject knowledge of students
- (D). Time available
- (E). Instructional Resources available

Choose the **correct** answer from the options given below:

1. (A), (C) and (D) only.
2. (B), (C), (D) and (E) only.
3. (C), (D) and (E) only.
4. (A), (B), (C) and (E) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

39 13442039

2.0



A teacher-centred instructional strategy is one in which

1. The teacher plays the active role more as an information receiver.
2. Control of the teaching-learning session is in the hands of the teacher.
3. Control of the teaching-learning session is in the hands of the learner.
4. The student is more or less autonomous about his/her learning.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

40 | 13442040

A teacher ought to plan and organize an instructional session in the following phases:

- (A). Introduction phase
- (B). Motivation phase
- (C). Development phase
- (D). Summarisation phase

Choose the **correct** answer from the options given below:

1. (A), (C) and (D) only.
2. (A), (B) and (D) only.
3. (A) and (D) only.
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

2.0

Objective Question

41 | 13442041

Prepare a concept paper on 'facets of digital marketing in India' and present the same in front of your peers.

The above assignment is a

1. Case study type assignment
2. Report type assignment
3. Paper type assignment
4. Essay type assignment

A1 : 1

2.0

A2 : 2

A3 : 3

A4 : 4

## Objective Question

42 13442042

2.0

Statement (I): The students should be briefed after an industrial/ Field visit about the learning outcomes to be achieved during their visit.

Statement (II): A teacher ought to formulate learning activities and prepare information sheet and assignment sheet while planning for an industrial/ Field visit.

In light of the above statements, choose the *most appropriate* answer from the options given below.

1. Both Statement (I) and Statement (II) are correct.
2. Both Statement (I) and Statement (II) are incorrect.
3. Statement (I) is correct but Statement (II) is incorrect.
4. Statement (I) is incorrect but Statement (II) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

43 13442043

2.0

Instructional session plan helps a new teacher to

- (A). follow the sequence of key points.
- (B). manage the time effectively.
- (C). deliver the contents as planned.
- (D). manage the examination effectively.

Choose the **correct** answer from the options given below:

1. (A), (B) and (C) only.
2. (A), (B) and (D) only.
3. (A), (B), (C) and (D).
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

44 13442044

2.0

Match **List-I** with **List-II**

List-I	List-II
(Psychomotor level-Dave's Taxonomy)	(Role of Faculty Member)
(A). Imitation	(I). No Role
(B). Manipulation	(II). High
(C). Precision	(III). Medium
(D). Naturalization	(IV). Low

Choose the **correct** answer from the options given below:

1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
2. (A) - (II), (B) - (III), (C) - (IV), (D) - (I)
3. (A) - (II), (B) - (I), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

45 13442045

2.0

Match the statements of **List-I** associated with families of models of teaching with the corresponding focus in **List-II**.

List-I	List-II
(Families of models of teaching)	(Focus)
(A). Information processing family	(I). intend to develop the unique personality of the learner.
(B). Personal family	(II). aim at developing concepts and principles in cognitive psychology.
(C). Behaviour modification family	(III). emphasize the relationship of the individual to other person.
(D). Social interaction family	(IV). concerned with the changing visible or overt behavior of the learners

Choose the **correct** answer from the options given below:

- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (II), (B) - (I), (C) - (IV), (D) - (III)
- (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

46 13442046

2.0

A teacher is designing an instructional session plan for a first-year Basic Electrical Engineering class on the topic "Magnetic Circuits". Regarding it, given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A): While formulating the instructional session plan, the instructional time i.e. duration of the session, needs to be considered when selecting instructional methods and activities.

Reason (R): Complex topics like magnetic circuits require in-depth explanation, and neglecting instructional time during planning can lead to an incomplete or rushed session, failing to develop the intended learning outcomes in teachers.

In light of the above statements, choose the *most appropriate* answer from the options given below .

- Both (A) and (R) are correct and (R) is the correct explanation of (A).
- Both (A) and (R) are correct but (R) is NOT the correct explanation of (A).
- (A) is correct but (R) is not correct.
- (A) is not correct but (R) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

47 13442047

2.0

Match the instructional events in **List I** with their relations to internal learning processes taking place inside the human brain in **List II**.

List I	List II
<b>(Instructional events)</b>	<b>(Internal learning processes taking place inside the human brain)</b>
A. Gaining attention	I. Emphasizing features of selective perception
B. Presenting the stimulus material	II. Activating retrieval making reinforcement possible
C. Stimulating recall of prerequisite learning	III. Retrieval to working memory
D. Assessing the performance	IV. Reception of patterns of neural impulses

Choose the **correct** answer from the options given below:

1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
2. (A) - (IV), (B) - (I), (C) - (III), (D) - (II)
3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

48 13442048

2.0

Mr Jairaj Kumar is a Lecturer in Electronics at Excel Engineering College tasked with teaching a course on 'Introduction to Microcontrollers' to a class of 50 students with diverse learning styles. The course aims to equip students with the basic knowledge of microcontroller architecture, programming, and simple interfacing techniques. However, Mr. Jairaj Kumar is aware that students may not have a strong foundation in electronics or programming concepts. What instructional methods and strategies, Mr. Jairaj Kumar should choose to develop the fundamental concepts?

- (A). Seminar
- (B). Team teaching
- (C). Laboratory
- (D). Lecture with demonstration

Choose the most appropriate answer from the options given below:

1. (A), (B) and (C) only.
2. (B) and (D) only.
3. (C) and (D) only.
4. (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

#### Objective Question

49 13442049

A teacher at MNM Engineering College responsible for teaching a class of hundred students requested the Principal to accord approval for taking a small group of students to M/s XYZ Ltd. for an industry visit.

The Principal said, 'After all, if you are taking some students to Ms/ XYZ Ltd., why don't you take all the students in the class so that all the hundred students are benefited by a single visit?'

If you had been the teacher, the reasons you would give to the principal to support your plan of taking a small group only, instead of the hundred students are:

- (A). Organizing transportation, meals, and entry for a hundred students can be significantly more expensive and logistically complex compared to a smaller group.
- (B). Hundred students as a group can get live experience of the use of equipment, process plants, tools.
- (C). Smaller groups foster active participation and ask follow-up questions, leading to a more enriching learning experience.
- (D). Each student in small group can receive focused attention from industry personnel.
- (E). Large groups might pose safety risks in an industrial setting, especially if there is heavy machinery or hazardous materials involved.

Choose the **correct** answer from the options given below:

1. (A), (C), (D) and (E) only.
2. (A), (B), (D) and (E) only.
3. (A), (B), (C) and (D) only.
4. (B), (C) and (D) only.

2.0

A1 : 1

A2 : 2

A3 : 3

A4 : 4

## Objective Question

50 13442050

2.0

Mrs. Deepti Singh, an Assistant Professor working in ABC Technical Institute makes a brief plan for a classroom lecture as follows:

1. Narrating an interesting incident to Introduce the topic.
2. Asking questions about last topic covered.
3. Giving examples and non-examples of concept taught.
4. Asking students to solve a problem in the class, which makes use of concept taught that day.
5. Going around the class and seeing that students are working, and solving their difficulties.
6. Reinforcing the correct solution.
7. Explaining the applications of the concept.
8. Summarising the lecture.
9. Giving project assignments related with application of concept taught.

Out of the following teaching methods

- (A). Lecture
- (B). Tutorial
- (C). Assignment
- (D). Project

The variety of teaching methods, Mrs. Deepti Singh has planned to use are:

Choose the **correct** answer from the options given below:

1. (A), (C) and (D) only.
2. (A), (B) and (D) only.
3. (A), (B), (C) and (D).
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4