
Section 1 - Module4 Instructional Planning and Delivery

No. of Questions: 100
Duration in Minutes: 180

QLabel : Q1

Q3036984) The sub-processes of learning is arranged in one the sequential orders as per the following various learning models

- (A). Acquisition
- (B). Retention
- (C). Organization
- (D). Recall
- (E). Application

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

- A) (A), (B), (C), (D), (E).
- B) (A), (C), (B), (D), (E).
- C) (B), (A), (D), (E), (C).
- D) (C), (B), (D), (A), (E).

QLabel : Q2

Q3036985) Relationship between two or more concepts is defined as

- A) Fact
- B) Law or principle
- C) Procedure
- D) Metacognition

QLabel : Q3

Q3036986) Identify the learning outcome that is predominantly categorized under affective domain

- A) Integrate ergonomic principles into workplace.
- B) Volunteer for shouldering responsibility for being project group leader
- C) Interface LCD display with 8051
- D) Recognize unstated assumptions in the given problem-solving situation.

QLabel : Q4

Q3036987) Concept maps can be used to

- A. assess understanding of a topic.
- B. generate new ideas.
- C. identify knowledge gaps.

Choose the correct option

- A) (A), (B) and (C).
 - B) (A) only.
 - C) (A) and (C) only.
 - D) (B) and (C) only.
-

QLabel : Q5

Q3036988) When planning for a course, teachers should consider the analysis of the curriculum:

- A) Only at the beginning of the academic year.
 - B) Only when there are major changes to the curriculum.
 - C) Throughout the course to ensure alignment with learning outcomes.
 - D) Not at all, as the curriculum document provides sufficient information.
-

QLabel : Q6

Q3036989) The key component of metacognitive knowledge is

- A) Ability to memorize information quickly.
 - B) Awareness of one's own strengths and weaknesses.
 - C) Knowledge of the subject matter.
 - D) Skill in solving complex problems.
-

QLabel : Q7

Q3036990) Giving students clear instructions and expectations for a task is a way to

- A) Stimulate recall of prior learning.
 - B) Gaining attention.
 - C) Assessing performance.
 - D) Providing guidance during learning.
-

QLabel : Q8

Q3036991) Taxonomy table is widely used for

- A) Analysis of learning outcomes
 - B) Analysis of curriculum
 - C) Preparation of course plan
-

D) Preparation of session plan

QLabel : Q9

Q3036992) Given below are two statements:

Statement (I): Content analysis is the objective and systematic way of breaking the bigger chunks of curricular items into smaller components

Statement (II): The first important activity in content analysis is to decide the sequence of content to be taught.

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

- A) Both Statement (I) and Statement (II) are correct.
 - B) Both Statement (I) and Statement (II) are incorrect.
 - C) Statement (I) is correct but Statement (II) is incorrect.
 - D) Statement (I) is incorrect but Statement (II) is correct.
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QLabel : Q10

Q3036993)

In the context of instructional delivery, what does differentiation refer to?

- A) Ignoring individual student needs
 - B) Treating all students the same way
 - C) Adapting instruction to meet diverse learner needs
 - D) Teaching only the most advanced students
-

QLabel : Q11

Q3036994) Identify the learning outcome that is predominantly categorised under the psychomotor domain.

- A) Test the given 4-stroke petrol engine for its efficiency.
 - B) Select suitable instruments for calculating efficiency of a DC Motor.
 - C) Volunteer for shouldering responsibility for being project group leader.
 - D) Recognize unstated assumptions in the given problem-solving situation.
-

QLabel : Q12

Q3036995) A teacher wants to create a more engaging learning environment for students. What will be the BEST approach to achieve this?

- A) Focusing solely on covering all the content mentioned in the curriculum document.
 - B) Selecting teaching methods that are interactive and allow for student participation.
 - C) Sticking to a lecture format, regardless of student interest.
 - D) Assigning more homework and tests to increase student engagement.
-

QLabel : Q13

Q3036996) Identify the cognitive domain learning outcome that fulfil S³MART Rule.

- A) Comparison of BJT and JFET based on working principle.
 - B) Explain the procedure for determining Rockwell hardness number by a hardness tester
 - C) Understand the architecture and basic functions of the microprocessor and microcontroller.
 - D) Think how to test the TV transmitter.
-

QLabel : Q14

Q3036997) In Outcome-Based Education (OBE), which of the following statements about PEOs, POs, PSOs, and COs is MOST accurate?

- A) PEOs are specific skills students should acquire in each course.
 - B) COs represent the broad educational aspirations of a program.
 - C) PSOs are identical to POs for all programs under a specific accreditation body.
 - D) PEOs are the broadest statements of what graduates should achieve after 5-10 years of experience in the field of work.
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QLabel : Q15

Q3036998) Deductive teaching is often used to

- A) Develop problem-solving skills.
 - B) Encourage exploration.
 - C) Introduce new concepts.
 - D) Promote critical thinking.
-

QLabel : Q16

Q3036999) As per Gagne's events of instruction, the techniques used by the teacher for providing learning guidance to the students are:

- (A).Show real things or videos.
- (B).Use analogies and visual images.
- (C).Explain the concept with suitable examples
- (D).Conduct a short quiz

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

- A) (A), (B) and (C) Only.
 - B) (A), (C) and (D) Only.
 - C) (A) and (B) Only.
 - D) (B), and (C) only
-

QLabel : Q17

Q3037000) How does a teaching strategy differ from a teaching method?

- A) A strategy is a specific technique, while a method is a broader approach.
 - B) Methods are used for cognitive domain learning, while strategies target psychomotor domain learning.
 - C) There is no practical difference between the two terms.
 - D) Strategies involve combining multiple methods, while methods are used alone.
-

QLabel : Q18

Q3037001) Facts are primarily acquired through

- A) Observation
 - B) Experimentation
 - C) Verbal association
 - D) Deduction
-

QLabel : Q19

Q3037002) The teacher gives a small assignment during the presentation, based on Gagne's events of instruction, the purpose here is to

- A) Stimulate recall of prior learning
 - B) Elicit performance
 - C) Guiding learning
 - D) Enhancing retention
-

QLabel : Q20

Q3037003) Curriculum analysis establishes the relationship between

- A) Session learning outcomes, instructional methods, and instructional media.
 - B) Learning in the cognitive domain, psychomotor domain and affective domain.
 - C) Programme outcomes, course outcomes, unit outcomes, and session outcomes.
 - D) Topic, subtopics, practical activity and the project work.
-

QLabel : Q21

Q3037004) Given below are two statements:

Statement (I): Tutorial is an interaction between the teacher and student(s), primarily on a one-to-one basis to solve learning problems.

Statement (II): The tutorial is a fully teacher-centred method.

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

- A) Both Statement (I) and Statement (II) are correct.
 - B) Both Statement (I) and Statement (II) are incorrect.
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- C) Statement (I) is correct but Statement (II) is incorrect.
 - D) Statement (I) is incorrect but Statement (II) is correct.
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QLabel : Q22

Q3037005) A teacher's primary concern regarding instructional methods should be:

- A) Using the most complex method available.
 - B) Making the learning process fun and enjoyable, regardless of effectiveness.
 - C) Selecting the method that best suits the learning outcomes and student needs.
 - D) Sticking to a single, familiar method for all lessons.
-

QLabel : Q23

Q3037006) Operational type demonstration is useful for....

- A) showing working of the machine.
 - B) explaining the Internal structure of the metal sample.
 - C) showing external features of the given equipment.
 - D) displaying the components of an electric motor.
-

QLabel : Q24

Q3037007) Brainstorming and group discussions are both methods that encourage student interaction. How can they be differentiated based on the analysis of learning events?

- A) Brainstorming prioritizes free-flowing ideas without evaluation, while group discussions focus on structured analysis.
 - B) Group discussions are more effective for developing independent thinking.
 - C) Brainstorming requires advanced technology for implementation, unlike group discussions.
 - D) Group discussions are a teacher-centred method, while brainstorming is student-centred.
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QLabel : Q25

Q3037008) You are designing a professional development workshop for teachers on using technology in the classroom. Which instructional methods would be MOST beneficial to include?

- A) Lecture on the benefits of technology.
 - B) Group discussion on challenges of technology integration.
 - C) Assigning a research project on educational technology.
 - D) Demonstration of specific technology tools followed by practice by learners.
-

QLabel : Q26Q3037009) Match **List-I** with **List-II**

Column-I	Column-II
Focus of learning represented in Model of Teaching	Model of Teaching
(A). Social relationship of the individual with others in the society	(I). Information processing family
(B). Productive thinking and development of general intellectual ability	(II). Personal family
(C). Develop the unique personality of the learner	(III). Behaviour modification family
(D). Changing visible behaviour of the learners rather the underlying psychological structure and unobservable behaviour	(IV). Social interaction family

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

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

QLabel : Q27

Q3037010) Given below are two statements:

Statement (I): The basic teaching model provides a simple but relevant conceptualization of the teaching-learning process.

Statement (II): The basic teaching model provides a relevant conceptualization of developing instructional materials.

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

- A) Both Statement (I) and Statement (II) are correct.
 B) Both Statement (I) and Statement (II) are incorrect.
 C) Statement (I) is correct but Statement (II) is incorrect.
 D) Statement (I) is incorrect but Statement (II) is correct.

QLabel : Q28

Q3037011) Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : Stimulus variation has impact on learning.

Reason (R) : Stimulus variation always hinders learning due to confusion.

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

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

QLabel : Q29

Q3037012) What does the acronym "UBD" stand for in the context of instructional planning?

- A) Universal Behavioral Design
 - B) Understanding by Design
 - C) Unified Brain Development
 - D) Upgraded Behaviour Design
-

QLabel : Q30

Q3037013) The basic teaching model focuses on

- A) Instructional objectives, entry behaviour, instructional procedures, performance assessment, and feedback.
 - B) Cognitive, psychomotor, and affective domains.
 - C) Teaching strategies and techniques.
 - D) Student motivation and engagement.
-

QLabel : Q31

Q3037014) In classroom teaching-learning situations, span of attention of students in a class period is limited to

- A) 2 to 5 minutes
 - B) 15 to 20 minutes
 - C) 40 to 45 minutes
 - D) 55 to 60 minutes
-

QLabel : Q32

Q3037015) The importance of rehearsal before carrying actual demonstration in the classroom is that

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

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

- A) (A), (B) and (D) only.
 - B) (A), (B) and (C) only.
 - C) (A), (B), (C) and (D).
 - D) (B), (C) and (D) only.
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QLabel : Q33

Q3037016) Match **List-I** with **List-II**

List-I	List-II
(Factors Influencing Laboratory Instruction)	(Description)
(A). Teacher Competence	(I). Availability of equipment and consumables
(B). Resource Constraints	(II). Clear understanding of expected outcomes
(C). Students Characteristics	(III). Teacher's knowledge and skills
(D). Learning Outcomes	(IV). Motivation through effective assessment
(E). Assessment of Learning Outcomes	(V). Individual differences among students

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

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

QLabel : Q34

Q3037017) Select the instructional methods in which teacher role is of mentor and reflection by student is integrated

- A) Self directed and ICT based learning
- B) Group discussion and project method
- C) Simulation and industry visit
- D) Game and case study

QLabel : Q35

Q3037018) For teaching a class with large number of students, the most efficient instructional method is...

- A) Demonstration
- B) Role play
- C) Lecture
- D) Group discussion

QLabel : Q36

Q3037019) The teaching model of which family pay more attention to Non Directive Teaching

- A) Information processing
- B) Social interaction
- C) Personal family
- D) Behaviour modification

QLabel : Q37

Q3037020) Imagine you are a teacher and notice many students are confused after a lecture on a complex Science principle. What might be a good next step in your instructional strategy?

- A) Continue lecturing to ensure all the planned content is covered.
 - B) Briefly review the key points and then move on to the next topic.
 - C) Provide students with additional resources and activities to explore the concept further.
 - D) Assign a homework assignment that requires memorizing complex formulas.
-

QLabel : Q38

Q3037021) Arpit is a shy and low performing student of a class. He has difficulty in solving numerical problems on electricity. The most appropriate method which can be used to address this problem is

- A) Assignment
 - B) Group work with bright students
 - C) Tutorial
 - D) Lecture
-

QLabel : Q39

Q3037022) The principle of learning that is predominantly used in laboratory method is

- A) learning by listening
 - B) learning by observing
 - C) learning by analyzing
 - D) learning by doing
-

QLabel : Q40

Q3037023) What role does technology play in modern instructional planning and delivery?

- A) It is irrelevant and should be avoided
 - B) It enhances communication between teachers and parents
 - C) It allows for more interactive and engaging lessons
 - D) It is only useful for administrative tasks
-

QLabel : Q41

Q3037024) One of the limitation of the lecture method is that it

- A) encourages active participation.
 - B) develops practical skills effectively.
 - C) has limited care for individual differences.
 - D) enhances recall of information.
-

QLabel : Q42

Q3037025) Select the suitable instructional method for the situation, when the teacher wants to have remedial teaching for weak students.

- A) Laboratory method
 - B) Question-Answer Technique
 - C) Tutorial Method
 - D) Demonstration Method
-

QLabel : Q43

Q3037026) Identify the inappropriate statement related to educational games

- A) Educational games can be organized casually without much planning.
 - B) Educational games develop a competitive spirit in the students.
 - C) Educational games inculcate learning to learn skills.
 - D) Educational games create fun in the learning process.
-

QLabel : Q44

Q3037027) Out of the following which can be taken as salient feature(s) of case method:

- (A). It is a replica of a real-life situation.
- (B). It develops analytical and decision-making skills in your students.
- (C). It takes very less execution time.
- (D). No need of any facilitator in execution of the Case.

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

- A) (A) only.
 - B) (A) and (B) only.
 - C) (A), (B), (C) and (D).
 - D) (A), (B) and (D) only.
-

QLabel : Q45

Q3037028) Which of the following is NOT a desirable point to design a flip class?

- A) Decide where and when to flip the class.
 - B) Design suitable classroom-based activities to enhance students learning.
 - C) Conduct face-to-face lecture sessions before students view video-recorded lectures.
 - D) Organizes content to engage learners for exposure before class.
-

QLabel : Q46

Q3037029) The two primary components of a case-based instructional method are

- A) Stem and Brief
 - B) Introduction and Conclusion
-

- C) Problem and Solution
D) Analysis and Synthesis

QLabel : Q47

Q3037030) Select the options that support flipped learning approach.

- (A). Teacher introduces the new material to the students
(B). New material is learned by the student independently or in group outside the class
(C). Student carry out learning at higher level- analysis, evaluation and create at home
(D). Student and teacher work together for learning to occur at higher level- analysis, evaluation and create

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

- A) (A), (B) and (C) only.
B) (A), (B) and (D) only.
C) (A), (B), (C) and (D).
D) (B) and (D) only.

QLabel : Q48

Q3037031) Match **List-I** with **List-II**

List-I	List-II
(ICT-Based Learning Solutions in India)	(Descriptions)
(A). SWAYAM	(I). National repository of online lectures from IITs and other institutions
(B). SAKSHAT & Virtual Labs	(II). Online learning resources with e-content and virtual labs
(C). NPTEL	(III). MOOC platform offering free, interactive courses for all levels
(D). EDUSAT	(IV). Network for one-way and two-way communication in education and training
(E). A-VIEW	(V). Advanced virtual classroom solution for distance learning

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

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

QLabel : Q49

Q3037032) The main role of teacher in blended learning is of

- A) Mentor.
B) Facilitator.
C) Counsellor.
D) Class administrator.

QLabel : Q50

Q3037033) Which of the following steps is **NOT** a crucial component in planning and organizing problem-based learning?

- A) Providing necessary resources for students.
 - B) Designing problems that cut across multiple courses.
 - C) Providing spoon feeding to students.
 - D) Assessing the problem solutions.
-

QLabel : Q51

Q3037034) Self-directed learning is primarily a process where

- A) Teachers guide students through the learning process.
 - B) Students take initiative in diagnosing their learning needs, setting goals, and evaluating outcomes.
 - C) Students passively receive information from teachers.
 - D) Students rely solely on external resources for learning.
-

QLabel : Q52

Q3037035) Given below are two statements:

Statement (I): Buzz session is used in groups with more than 10 students per group.

Statement (II): Buzz session is a very small group session used in the classroom.

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

- A) Both Statement (I) and Statement (II) are correct.
 - B) Both Statement (I) and Statement (II) are incorrect.
 - C) Statement (I) is correct but Statement (II) is incorrect.
 - D) Statement (I) is incorrect but Statement (II) is correct.
-

QLabel : Q53

Q3037036) Given below are two statements:

Statement (I): The Document Camera is used to project 2D/ 3D objects, opaque pictures placed on its stage.

Statement (II): The Multimedia Projector is used to project the content of transparencies.

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

- A) Both Statement (I) and Statement (II) are correct.
 - B) Both Statement (I) and Statement (II) are incorrect.
 - C) Statement (I) is correct but Statement (II) is incorrect.
 - D) Statement (I) is incorrect but Statement (II) is correct.
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QLabel : Q54

Q3037037) The subtractive Color model used in colour printing is

- A) Red-Green-Blue model
 - B) Red-Yellow-Blue model
 - C) Orange-Green-Brown model
 - D) Cyan-Magenta-Yellow-Key model
-

QLabel : Q55

Q3037038) A college is planning to make recorded lectures available to students via an online platform. Which property of instructional media is most relevant to this plan?

- A) Fixative property
 - B) Manipulation property
 - C) Distributive property
 - D) Preservative property
-

QLabel : Q56

Q3037039) The cognitive theory of multimedia emphasizes the importance of

- A) Emotional engagement
 - B) Visual appeal
 - C) Interactive elements
 - D) Dual Channel
-

QLabel : Q57

Q3037040) When students start counting the words/ phrases spoken by the teacher repeatedly during the class, the communication barrier responsible for this is...

- A) Referent confusion.
 - B) Verbalism
 - C) Imperception
 - D) Physical discomfort
-

QLabel : Q58

Q3037041) Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : Noise can interfere with the communication process.

Reason (R) : Noise refers to any physical or psychological factor that can hinder the transmission or reception of a message.

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

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

- C) (A) is true but (R) is false.
 - D) (A) is false but (R) is true.
-

QLabel : Q59

Q3037042) Educational media can enhance learning by

- (A). Providing visual and auditory stimuli
- (B). Making learning more engaging
- (C). Supporting different learning styles
- (D). Reducing the need for teachers

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

- A) (A), (B) and (C) only.
 - B) (A), (B) and (D) only.
 - C) (A), (B), (C) and (D).
 - D) (B), (C) and (D) only.
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QLabel : Q60

Q3037043) A teacher gives students a worksheet to complete during a classroom demonstration of a scientific experiment. What is the primary purpose of this classroom-based assignment?

- A) To provide homework for further study.
 - B) To introduce new theoretical concepts.
 - C) To assess the understanding of the experiment in real-time.
 - D) To evaluate students' creativity.
-

QLabel : Q61

Q3037044) Given below are two statements:

Statement (I): In a classroom environment, the teacher transmits the message and the students extract meaning from the message.

Statement (II): In a classroom environment, the teacher applies meaning to the message, and the student transmits the message.

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

- A) Both Statement (I) and Statement (II) are correct.
 - B) Both Statement (I) and Statement (II) are incorrect.
 - C) Statement (I) is correct but Statement (II) is incorrect.
 - D) Statement (I) is incorrect but Statement (II) is correct.
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QLabel : Q62

Q3037045) While designing a presentation, each of its slide should not have more visuals and text in it because.....

- A) working memory has limited holding & processing capacity
 - B) the human mind cannot pay attention actively
 - C) the human mind processes information in two channels
 - D) the human mind has an enormous processing capacity
-

QLabel : Q63

Q3037046) The primary purpose of laboratory worksheets is to

- A) standardize experiments across different institutes.
 - B) reduce the need for teacher interaction.
 - C) develop affective domain related outcomes.
 - D) provide additional guidance for practical work.
-

QLabel : Q64

Q3037047) Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : ADDIE model is a linear model used for evaluation of media design.

Reason (R) : Evaluation of media is last stage and is only carried out after implementation of developed media.

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

- A) Both (A) and (R) are false.
 - B) Both (A) and (R) are true but (R) is NOT the correct explanation of (A).
 - C) (A) is true but (R) is false.
 - D) (A) is false but (R) is true.
-

QLabel : Q65

Q3037048) Given below are two statements:

Statement (I): Instructional media can be used when real things are too big or too small in size.

Statement (II): Instructional media can slow down or raise the speed of an event when real things are too quick or too slow.

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

- A) Both Statement (I) and Statement (II) are correct.
 - B) Both Statement (I) and Statement (II) are incorrect.
 - C) Statement (I) is correct but Statement (II) is incorrect.
 - D) Statement (I) is incorrect but Statement (II) is correct.
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QLabel : Q66

Q3037049) The multimedia principle says that

- A) in a visual, subtitle text should be numbered and listed separately.
 - B) pictures and subtitle text should be far from each other.
 - C) corresponding words and pictures should be nearer to each other.
 - D) people learn more when appropriate pictures are added to text than from text only.
-

QLabel : Q67

Q3037050) What does PTZ stand for in a PTZ camera?

- A) Pan, Tilt, Zoom
 - B) Picture, Track, Zoom
 - C) Pan, Track, Zoom
 - D) Point, Track, Zoom
-

QLabel : Q68

Q3037051) Read the passage and answer the following question:

Mr. Raghuvir was very happy to join as a faculty member of a renowned Govt. Engineering College in Nagpur. He got this job after getting selected through MPSC. He had completed his master's from a renowned University. He did not have any teaching experience earlier although he worked for quite some time in the automobile industry as an engineer. However, he was more interested in working as a teacher, so he joined this profession. He was techno-savvy and so very confident in handling computer peripherals but due to lack of teaching experience, he was not very confident in conducting his first session in the classroom. He talked about his situation to his HOD, who advised him to prepare some media for his class. He was not aware of many media, so he prepared only one computer-based presentation incorporating mostly text material on the selected topic. In his first class, he tried to explain the content to the students, who were only listening to him for the whole session. Most of the students were not comfortable during his session. He was also not satisfied with his first performance in the class."

Given Mr. Raghuvir's lack of teaching experience, which of the following would have been a more effective strategy for his first class?

- A) Relying solely on his computer-based presentation.
 - B) Asking students to take extensive notes.
 - C) Lecturing for the entire class period.
 - D) Engaging students in group discussions or activities.
-

QLabel : Q69

Q3037052) Handouts are valuable for

- (A). presenting complex information in a clear and concise manner
- (B). encouraging students to work independently
- (C). replacing traditional classroom instruction
- (D). reducing note-taking time so that the students can pay more attention to the instructions being delivered

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

- A) (A), (B) and (D) only.
 - B) (A), (C) and (D) only.
 - C) (A) and (D) only.
 - D) (B) and (D) only.
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QLabel : Q70

Q3037053) In classroom situations, the student is present in the class but thinking about the activities to be done in the evening. The communication barrier responsible for this is...

- A) day-dreaming
 - B) referent confusion
 - C) lack of interaction
 - D) disinterest
-

QLabel : Q71

Q3037054) With regards to Engineering Model of Communication, receiver receives distorted message because of

- A) wrong encoding of the message by the receiver.
 - B) wrong decoding of the message by the sender.
 - C) communication barriers present.
 - D) lack of communication channels.
-

QLabel : Q72

Q3037055) Exposition Media are those media which are ...

- A) used by the students in the laboratory to develop psychomotor skills.
 - B) used by the teacher for explaining the content in different learning environments.
 - C) made available online and used by the students for self-learning.
 - D) developed by the curriculum developers and made available to teachers.
-

QLabel : Q73

Q3037056) Formative assessment can be done

- A) after the course completion.
 - B) after every small teaching act.
 - C) after the session completion.
 - D) after unit completion.
-

QLabel : Q74

Q3037057) Effective lesson planning is an ongoing process. What does this suggest?

- A) Teachers should rewrite their lesson plans every time they teach the same topic.
 - B) Plans should be so detailed that they leave no room for adjustments.
 - C) Teachers should reflect on past lessons and adapt plans for future iterations.
 - D) Planning should be a one-time activity done before teaching a new topic.
-

QLabel : Q75

Q3037058) When planning the introduction phase, of session according to Gagne's events of instruction it is important to

- A) Avoid using anecdotes or stories
 - B) Present all the content to be learned
 - C) Establish relevance and create interest
 - D) Focus solely on evaluation
-

QLabel : Q76

Q3037059) Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : Feedback should be given immediately after the task is completed to be effective.

Reason (R) : Timely feedback helps learners address issues while the task is still fresh in their minds.

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

- A) Both (A) and (R) are true and (R) is the correct explanation of (A).
 - B) Both (A) and (R) are true but (R) is NOT the correct explanation of (A).
 - C) (A) is true but (R) is false.
 - D) (A) is false but (R) is true.
-

QLabel : Q77

Q3037060) Effective laboratory and workshop based instructions are designed as per

- A) Events of instruction and cognitivist approach
 - B) Events of instruction and 5E learning Model
 - C) 5E Learning Model and cognitivist approach
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D) 5E Learning Model and constructivist approach

QLabel : Q78

Q3037061) Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : Feedback helps in the self-regulation of learners

Reason (R) : Constructive feedback received at the appropriate time encourages learners to review and understand their level of learning

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

- A) Both (A) and (R) are true and (R) is the correct explanation of (A).
 - B) Both (A) and (R) are true but (R) is NOT the correct explanation of (A).
 - C) (A) is true but (R) is false.
 - D) (A) is false but (R) is true.
-

QLabel : Q79

Q3037062) Which phase of the 5E learning model provides students with the opportunity to interact with people and familiarize themselves with the equipment and other resources available in the laboratory?

- A) Enhance Phase
 - B) Explore Phase
 - C) Elaborate Phase
 - D) Engage Phase
-

QLabel : Q80

Q3037063) Select the sources from which feedback on instructional session help in the improvement

- (A).Self-feedback
- (B).Peer feedback
- (C).Students' feedback
- (D).Parents' feedback
- (E).Mentor/Seniors' Feedback

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

- A) (A) and (B) only
 - B) (B) and (C) only
 - C) (B), (C), (D) and (E) only
 - D) (A), (B), (C) and (E) only
-

QLabel : Q81

Q3037064) When a student begins to accept feedback more openly and sees it as a tool for growth, which purpose of feedback are they applying?

- A) Identifying shortcomings and scope for improvement.
- B) Planning to take corrective action.
- C) Developing a habit of accepting constructive feedback.
- D) Getting motivated to do better quality work.

QLabel : Q82

Q3037065) In an instructional session while sequencing, one should take care to proceed from:

- (A). Known to unknown
- (B). Simple to complex
- (C). Abstract to concrete
- (D). Particular to general

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

- A) (A), (B) and (C) only.
- B) (A), (B) and (D) only.
- C) (A), (B), (C) and (D).
- D) (B), (C) and (D) only.

QLabel : Q83

Q3037066) A teacher is planning a laboratory session using the 5E Learning Model. Which of the following actions would best apply the "Engage" phase of the 5E Model?

- A) Demonstrating the laboratory procedure and having students replicate it.
- B) Asking students probing questions to connect prior knowledge with the new experiment.
- C) Guiding students to analyse the results of the experiment they conducted.
- D) Providing a detailed lecture on the theory behind the experiment.

QLabel : Q84

Q3037067) Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : Human beings generally do not like to receive feedback about their work

Reason (R) : Feedback is psychologically reassuring and helps individuals to understand their performance gaps

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

- A) Both (A) and (R) are true and (R) is the correct explanation of (A).
- B) Both (A) and (R) are true but (R) is NOT the correct explanation of (A).
- C) (A) is true but (R) is false.
- D) (A) is false but (R) is true.

QLabel : Q85

Q3037068) Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : Engage phase of 5E Learning model primarily create interest in the students, make them curious, assess their pre-requisites knowledge and skills, determine their current understanding of task and encourage them to ask questions related to the task.

Reason (R) : For the engage phase teacher can plan for a home assignment before conduction of practical in laboratory. This might include reading a handout, a website to explore, a video to watch or a question that requires students to examine their prior knowledge and assumptions about the practical.

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

- A) Both (A) and (R) are true and (R) is the correct explanation of (A).
- B) Both (A) and (R) are true but (R) is NOT the correct explanation of (A).
- C) (A) is true but (R) is false.
- D) (A) is false but (R) is true.

QLabel : Q86

Q3037069) The primary purpose of Assistive Technology (AT) in education is to

- A) Simplify teaching for educators.
- B) Replace traditional teaching methods.
- C) Provide entertainment for students.
- D) Enable participation for students with disabilities.

QLabel : Q87

Q3037070) What is the most efficient way to minimize allotted time so that instructional time is maximized?

- A) Increasing the duration of administrative duties.
- B) Extending the lecture time at the expense of student interaction.
- C) Spending extra time on checking attendance and monitoring student behavior.
- D) Reducing time spent on routine classroom procedures.

QLabel : Q88

Q3037071) Before starting the laboratory session, essential activities to be done by the teacher are...

- (A).Checking belongings and journals of students
- (B).Checking the function of the apparatus
- (C).Checking the availability of consumables
- (D).Checking the availability of Safety gadgets and displays

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

- A) (C) and (D) Only
- B) (B), (C) and (D) only
- C) (A), (B) and (D) Only

D) (A), (C) and (D) Only

QLabel : Q89

Q3037072) The principle of effect with reference to teaching-learning means

- A) effect due to positive reinforcement
 - B) effect of lecture
 - C) effect of one-way communication
 - D) effect of teacher
-

QLabel : Q90

Q3037073) The activities which are normally done in organizing a classroom or laboratory session are...

- (A).Review of the lesson plan
- (B).Conducting summative evaluation
- (C).Practising numerical problems to be done in class
- (D).Checking relevant material for demonstration

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

- A) (C) and (D) Only
 - B) (B), (C) and (D) Only
 - C) (A), (B) and (D) Only
 - D) (A), (C) and (D) Only
-

QLabel : Q91

Q3037074) To identify individual contributions in group-based assignments, the reliable and valid assessment tool available to the teacher is

- A) Checklist
 - B) Rating scale
 - C) Interview
 - D) Rubrics
-

QLabel : Q92

Q3037075) Product assessment for an experiment is carried out

- A) During entire duration of performance of an experiment
 - B) Before the beginning of an experiment
 - C) After the completion of an experiment
 - D) After the performance of the experiment and before reporting the same
-

QLabel : Q93

Q3037076) The effective presentation skill development model suggests the

- A) teach, get feedback, re-teach cycle.
 - B) teach, get feedback, improve, re-teach cycle.
 - C) teach, improve, teach continuously cycle.
 - D) plan, teach, re-plan, re-teach cycle.
-

QLabel : Q94

Q3037077) How can a teacher use the Discipline Without Stress (DWS) approach to improve student behaviour in an engineering classroom?

- A) By using forcible methods to enforce discipline.
 - B) By setting strict rules that must be followed at all times.
 - C) By making students responsible for their own learning outcomes and reinforcing self-discipline.
 - D) By frequently punishing students who fail to meet expectations.
-

QLabel : Q95

Q3037078) Which approach can help in maximizing the effectiveness of instructional time during online learning sessions?

- A) Using the same teaching methods as in face-to-face sessions without adaptation.
 - B) Limiting the use of visuals and relying solely on audio explanations.
 - C) Incorporating interactive elements such as polls, quizzes, and discussions in online sessions.
 - D) Assigning tasks that are not related to the online session content.
-

QLabel : Q96

Q3037079) Select the most appropriate option for assessing a student's ability to set up a given microscope.

- A) checklist for setting up the microscope and theoretical background knowledge by written test.
 - B) rubric for setting up the microscope and viva for background knowledge.
 - C) checklist for setting up the microscope and rating scale for background knowledge.
 - D) rubric for setting up the microscope and assignment for background knowledge.
-

QLabel : Q97

Q3037080) Video Recording of a session conducted by a teacher in a classroom can be a good source for

- A) student's feedback.
 - B) college management's feedback.
 - C) peer feedback.
 - D) self-feedback.
-

QLabel : Q98

Q3037081) How can a teacher use assertive behaviour to manage students effectively in a diverse engineering classroom?

- A) By maintaining a strict and authoritative tone at all times.
 - B) By keeping an straight posture and using an appropriate tone of voice to communicate expectations.
 - C) By allowing students to take charge of the classroom dynamics.
 - D) By using humor to diffuse tense situations.
-

QLabel : Q99

Q3037082) Which of the following is an appropriate use of gestures in a classroom setting?

- A) Waving hands randomly to keep students' attention.
 - B) Using specific hand movements to emphasize key concepts being explained.
 - C) Pointing directly at students to make them feel involved.
 - D) Avoiding all gestures to ensure that students focus only on verbal content.
-

QLabel : Q100

Q3037083) An instructional session plan to be developed and implemented ought to contain:

- (A).Teaching points of topic
- (B).Instructional session outcomes
- (C).Teacher activities
- (D).Media to be used
- (E).Student activities

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

- A) (A), (B) and (C) only.
 - B) (A), (B) and (D) only.
 - C) (A), (B), (C), (D) and (E).
 - D) (B), (C) and (E) only.
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