

GSET Teaching Aptitude Questions Answers with Solutions

Q1. Which of the following is a major advantage of online learning over offline learning?

- (a) Limited access
- (b) Flexibility
- (c) High cost
- (d) Inter-activity

Q2. Given below are two statements:

Statement I: Moodle is an example of a Learning Management System (LMS)

Statement II: Mentimeter is a tool used for creating online surveys.

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

- (a) Both statement I and statement II are true
- (b) Both statement I and statement II are false
- (c) Statement I is true but Statement II is false
- (d) Statement I is false but Statement II is true

Q3. Given below are two statements:

Statement I: Choice Based Credit System (CBCS) has been adopted only in the central universities of India.

Statement II: Choice Based Credit System (CBCS) assigns credits based on the learning outcomes of a course.

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

- (a) Both statement I and statement II are true
- (b) Both statement I and statement II are false
- (c) Statement I is true but Statement II is false
- (d) Statement I is false but Statement II is true

Q4. Which of the following are the basic requirements for effective teaching?

- A. Teaching only what is included in the curriculum
- B. Good communication skills
- C. Using a rigid teaching approach
- D. Excellent subject knowledge
- E. Ability to connect with students

Choose the correct answer from the options given below:

- (a) A and C only
- (b) C and E only
- (c) B, D and E only
- (d) A, C and D only

Q5. Which of the following are the benefits of collaborative learning environment?

- A. Improved communication skills
- B. Decreased understanding of different perspectives
- C. Increased motivation
- D. More opportunities for personal feedback
- E. Enhanced problem solving abilities

Choose the correct answer from the options given below:

- (a) B, C and D only
- (b) A and E only
- (c) A, C, D and E only
- (d) A, B and D only

Q6. Given below are two statements:

Statement I: In short term memory, the sensory information is preserved and retained in the form and shape as it was originally received

Statement II: In immediate memory, sensory information is subject to a process of encoding for being retained in the form of special visual and auditory impressions, symbols, signs and words.

In the light of the above statement, 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

Q7. Which of the following are the prominent features of self-directed learning?

- A. Self monitoring
- B. Taking ownership learning
- C. Remedial teaching
- D. Teacher oriented
- E. Extension of learning

Choose the correct answer from the options given below:

- (a) C and E only
- (b) A, B and E only
- (c) A, B and C only
- (d) C, D and E only

Q8. Which of the following are the examples of Learning Management System (LMS)?

- A. Kahoot
- B. Canvas
- C. Canva
- D. Moodle
- E. Padlet

Choose the most appropriate answer from the options given below:

- (a) B and D only
- (b) A, B and C only
- (c) B, C and E only
- (d) B and C only

Q9. The absenteeism related behavior in which children willingly make themselves absent from the classroom or outside classroom activities of the school without the prior permission of their parents is called as:

- (a) Cheating
- (b) Tantrums
- (c) Lying
- (d) Truancy

Q10. Which of the following factors influencing learning are not related to content?

- A. Readiness and will power
- B. Organization of the contents or learning experiences
- C. Basic potential of the learner
- D. Nature of the contents or learning experiences
- E. Mastery over the subject matter

Choose the correct appropriate answer from the options given below:

- (a) A, B and D only
- (b) A, D and E only
- (c) C and D only
- (d) A, C and E only

Q11. Which of the following are the requirements of good teaching?

- A. Responsive human environment to foster exploration
- B. Appropriate responsiveness to the child and the group
- C. Knowledge of subject matter
- D. Maintaining interpersonal relationship
- E. Strict adherence to a rigid teaching plan.

Choose the correct answer from the options given below:

- (a) A, C and E only
- (b) A, B, C and D only
- (c) B, D and E only
- (d) C and E only

Q12. Arrange the stages of Piaget's theory of cognitive development in ascending order?

- A. Concrete operational stage
- B. Pre-operational stage
- C. Sensorimotor stage
- D. Formal operation stage

Choose the correct answer from the options given below:

- (a) B, C, D, A
- (b) C, B, A, D
- (c) A, B, C, D
- (d) D, C, A, B

Q13. Which assessment will be given learners during the course of instructions rather than after it is completed

- (a) Diagnostic assessment
- (b) Formative assessment
- (c) Summative assessment
- (d) Placement assessment

Q14. Match List I with List II

List I (Knowledge Dimension)		List II (Meaning)	
A.	Factual	I.	How to do something, methods of inquiry and criteria for using skills
B.	Conceptual	II.	The basic elements students must know to be acquainted with a discipline
C.	Procdural	III.	Knowledge of cognition and one's cognition
D.	Metacognitive	IV.	The inter-relationships among the basic elements within a larger structure to function together

Choose the correct answer from the options given below:

- (a) A-IV, B-III, C-II, D-I
- (b) A-II, B-IV, C-I, D-III
- (c) A-III, B-I, C-IV, D-II
- (d) A-I, B-III, C-II, D-IV

Q15. Given below are two statements:

Statement I: Mentimeter is a tool used for creating interactive videos in education.

Statement II: Kahoot is a tool used for assessment in education.

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

- (a) Both statement I and statement II are true.
- (b) Both statement I and statement II are false.
- (c) Statement I is true but statement II is false.
- (d) Statement I is false but statement II is true.

Q16. Which of the following ICT tools are associated with mind mapping?

- A. Mindmeister
- B. X-mind
- C. C-map
- D. Screen casto-matic
- E. Adobe photoshop

Choose the correct answer from the options given below:

- (a) B and D only
- (b) A, B and C only
- (c) A, C and E only
- (d) D and E only

Q17. Which of the following is an example of innovative approach to evaluation systems?

- (a) Norm-referenced testing
- (b) Peer Evolution
- (c) Standardized testing
- (d) Traditional grading

Q18. Which of the following are the humanistic approach to learning?

- A. It emphasizes on self-motivation for better learning.
- B. Its emphasis is on learning at the higher level
- C. It fosters curiosity.
- D. It increases learner's reactivity.
- E. It believes that learning becomes effective when it is need-based.

Choose the most appropriate answer from the options given below:

- (a) A and D only
- (b) B, C and E only
- (c) A, B, C, D and E only
- (d) B and D only

Q19. Which of the following are the humanistic approach to learning?

- A. It emphasizes on self-motivation for better learning.
- B. Its emphasis is on learning at the higher level
- C. It fosters curiosity.
- D. It increases learner's reactivity.
- E. It believes that learning becomes effective when it is need-based.

Choose the most appropriate answer from the options given below:

- (a) A and D only
- (b) B, C and E only
- (c) A, B, C, D and E only
- (d) B and D only

Q20. In swayamprabha, channel no -08 (Physical sciences, Mathematics, Physics, Chemistry and related subjects) is named as-

- (a) Vageesh
- (b) Saaraswat
- (c) Aryabhata
- (d) Prabandhan

Solutions

S1. Ans. (b)

Sol. The major advantage of online learning over offline learning is (b) Flexibility.

Online learning offers unparalleled flexibility, enabling students to access educational materials at their convenience. This flexibility extends to time, location, and the pace of learning, accommodating diverse schedules and individual preferences. Unlike traditional offline methods, online learning mitigates limitations posed by geographical constraints and rigid schedules. It promotes a personalized, self-paced approach, fostering a more adaptable and accessible educational experience. While offline learning may have its merits, the inherent flexibility of online learning stands out as a key factor in meeting the dynamic needs of modern learners.

S2. Ans. (a)

Sol. The correct answer is (a) Both statement I and statement II are true.

Moodle is indeed an example of a Learning Management System (LMS), widely used for online education, course management, and collaboration.

Mentimeter, on the other hand, is a tool primarily utilized for creating interactive presentations and engaging online surveys. Both platforms serve distinct purposes in the realm of digital education and are recognized tools in their respective domains.

S3. Ans. (d)

Sol. Statement I is false, but Statement II is true.

The Choice Based Credit System (CBCS) has not been exclusively adopted in central universities; it is implemented across a broad spectrum of universities and educational institutions in India. CBCS is a flexible system that allows students to choose courses from a wide range of options, and it considers the learning outcomes when assigning credits. The allocation of credits in CBCS is based on the notional learning hours, encompassing various educational activities such as lectures, tutorials, practicals, and self-study. This ensures that credits reflect the overall effort and time commitment required for a student to achieve the learning objectives of a course. Therefore, while Statement I is inaccurate regarding CBCS implementation, Statement II accurately captures the credit assignment methodology based on learning outcomes.

S4. Ans. (c)

Sol. The correct answer is (c) B, D, and E only.

Effective teaching involves a multifaceted approach that goes beyond a rigid adherence to the curriculum. Good communication skills (B) are essential for conveying information clearly and fostering a positive learning environment. Excellent subject knowledge (D) is crucial for providing accurate and comprehensive information to students. Additionally, the ability to connect with students (E) is vital for creating a supportive and engaging learning atmosphere, encouraging student participation, and addressing individual needs.

Information booster:

Teaching only what is included in the curriculum (A) and using a rigid teaching approach (C) are not considered effective strategies in contemporary education. Effective teaching requires flexibility, creativity, and responsiveness to the diverse needs of students. Therefore, options (A) and (C) are not included in the basic requirements for effective teaching.

S5. Ans. (c)

Sol. The correct answer is (c) A, C, D, and E only.

Collaborative learning environments offer a range of benefits that contribute to a holistic educational experience. Improved communication skills (A) are a key advantage as students engage in discussions, share ideas, and work together on projects, enhancing their ability to express thoughts effectively. Increased motivation (C) is another benefit, as collaboration often fosters a sense of shared responsibility and encourages students to participate in their learning actively.

More opportunities for personal feedback (D) are provided in collaborative settings, as students can receive input not only from the instructor but also from peers. This enriches the learning experience by offering diverse perspectives and constructive criticism. Additionally, collaborative learning enhances problem-solving abilities (E) by promoting teamwork and the exploration of different solutions through collective effort.

Information booster:

Decreased understanding of different perspectives (B) is not a benefit of collaborative learning; in fact, such environments aim to enhance understanding and appreciation of diverse viewpoints. Therefore, option (b) is not included in the benefits of a collaborative learning environment.

S6. Ans. (b)

Sol. Statement I is incorrect because sensory information is not preserved and retained in its original form in short-term memory. Instead, it is subject to a process of encoding, which means that it is converted into a more durable form. This encoded information is then stored in short-term memory.

Statement II is also incorrect because immediate memory is not a sub-system of short-term memory. Instead, it is a synonym for short-term memory. Therefore, the information that is stored in immediate memory is the same as the information that is stored in short-term memory.

Therefore, both Statement I and Statement II are incorrect.

S7. Ans. (b)

Sol. Prominent features of self-directed learning include:

- A. Self-monitoring: Learners monitor their progress and adjust their learning strategies.
- B. Taking ownership of learning: Learners take responsibility for their own learning process.
- E. Extension of learning: Self-directed learners extend their learning beyond formal educational settings.

S8. Ans. (a)

Sol. Canvas and Moodle are both well-known Learning Management Systems (LMS) that provide platforms for delivering educational courses and training programs. They offer features like course management, content delivery, and assessment tools.

- **B. Canvas:** A robust LMS used by educational institutions to manage and deliver online courses.
- **D. Moodle:** An open-source LMS used widely for creating online courses and managing educational content.

Information Booster:

- **A. Kahoot:** An educational platform primarily used for creating and playing learning games and quizzes, not a full LMS.
- **C. Canva:** A graphic design tool used for creating visual content, not an LMS.
- **E. Padlet:** A digital board used for collaboration and sharing content, not an LMS.

So, the correct answer is (a) B and D only.

S9. Ans. (d)

Sol. Truancy refers to the behavior of children willingly making themselves absent from school or school-related activities without obtaining prior permission from their parents or guardians. It is a form of absenteeism where students skip classes or skip school altogether without a legitimate reason. Truancy can have various underlying causes, including disengagement from school, academic difficulties, or personal issues. It is a concern for educators and parents as it can negatively impact a child's education and future prospects. Schools and authorities often have measures in place to address and prevent truancy.

S10. Ans. (d)

Sol. A. Readiness and will power: This pertains to the learner's personal preparedness and motivation, not directly linked to the content itself.

- **C. Basic potential of the learner:** This involves inherent abilities or innate qualities of the learner, which do not depend on the specific content.
- **E. Mastery over the subject matter:** This factor relates to the teacher's knowledge and expertise in a subject, rather than the content being taught to the learners.

Options B and D directly relate to the content since they involve how the content is structured and the nature of the content itself.

Thus, the correct answer is: **(d) A, C and E only**

S11. Ans. (b)

Sol. The correct answer is (b) A, B, C, and D only

A. Responsive human environment to foster exploration: This is crucial for creating a positive and engaging learning atmosphere. A teacher should encourage students to explore and inquire, fostering a responsive and interactive classroom environment.

B. Appropriate responsiveness to the child and the group: Effective teaching involves understanding the needs and abilities of individual students as well as the dynamics of the group. Being responsive to both individual and group needs helps in adapting teaching methods for better comprehension.

C. Knowledge of subject matter: A teacher must have a solid understanding of the subject matter being taught. This knowledge forms the basis for effective instruction and enables the teacher to answer questions, provide explanations, and guide students through the learning process.

D. Maintaining interpersonal relationships: Building and maintaining positive relationships with students is crucial for effective teaching. A supportive and encouraging relationship between the teacher and students enhances the learning experience and contributes to a positive classroom environment.

S12. Ans. (b)

Sol. The correct order of Piaget's stages of cognitive development in ascending order is: (b) C, B, A, D

- **Sensorimotor stage (C):** This is the first stage, typically occurring from birth to around 2 years old. During this stage, infants and toddlers learn about the world through their sensory perceptions and motor activities.
 - **Pre-operational stage (B):** This stage usually spans from about 2 to 7 years old. Children in this stage begin to use symbols (such as language and drawings) to represent objects, but their thinking is still egocentric and lacks logical operations.
 - **Concrete operational stage (A):** This stage typically occurs from around 7 to 11 years old. During this stage, children begin to think more logically, understand conservation, and grasp concrete concepts.
 - **Formal operational stage (D):** This is the final stage, usually beginning around 11 years old and continuing into adulthood. In this stage, individuals can think abstractly, use hypothetical reasoning, and engage in deductive thinking.
- So, the correct order is Sensorimotor (C), Pre-operational (B), Concrete operational (A), and Formal operational (D).

S13. Ans. (b)

Sol. The correct answer is: (b) Formative assessment

Formative assessment is conducted during the course of instruction to provide ongoing feedback and monitor the progress of learners. Unlike summative assessment, which is typically given at the end of a course or a significant portion of instruction, formative assessment is designed to shape and inform the ongoing learning process.

- Examples of formative assessments include classroom discussions, quizzes, polls, short written assignments, observations, and peer assessments. These assessments help both teachers and students make real-time adjustments to enhance the learning experience.

S14. Ans. (b)

Sol. The correct answer is (b) A-II, B-IV, C-I, D-III, then the correct matches are:

- A. Factual (II): The basic elements students must know to be acquainted with a discipline.
- B. Conceptual (IV): The inter-relationships among the basic elements within a larger structure to function together.
- C. Procedural (I): How to do something, methods of inquiry, and criteria for using skills.
- D. Metacognitive (III): Knowledge of cognition and one's cognition.

S15. Ans. (d)

Sol. The correct answer is (d) Statement I is false but statement II is true.

Statement I: Mentimeter is a tool used for creating interactive videos in education.

This statement is false. Mentimeter is not specifically designed for creating interactive videos. Mentimeter is a tool used for creating interactive presentations and engaging the audience through live polls, quizzes, and other interactive features. It is more focused on audience engagement during presentations rather than video creation.

Statement II: Kahoot is a tool used for assessment in education.

This statement is true. Kahoot is an educational platform that allows teachers to create quizzes, surveys, and discussions to assess and engage students in a fun and interactive way. It is commonly used for formative assessment, where teachers can gauge student understanding in real-time through quizzes and games.

S16. Ans. (b)

Sol. the correct answer is: (b) A, B, and C only

Mind mapping is a visual representation of ideas and concepts, often used for brainstorming, organizing information, and problem-solving. Various ICT (Information and Communication Technology) tools support mind mapping. Let's analyze each option:

- Mind-Meister: This is a web-based mind mapping tool that allows users to create, share, and collaborate on mind maps. It is associated with mind mapping.
- X-mind: X-mind is a popular mind mapping software that enables users to create mind maps and brainstorming diagrams. It is associated with mind mapping.
- C-map: CmapTools is a knowledge modeling and sharing environment that is used for constructing concept maps. Concept maps are closely related to mind maps, and CmapTools can be used for similar purposes. Therefore, it is associated with mind mapping.

S17. Ans. (b)

Sol. Peer Evaluation is an example of an innovative approach to evaluation systems.

Peer evaluation involves students assessing and providing feedback on the work of their peers. This method goes beyond traditional teacher-centered evaluation and encourages students to actively engage in the assessment process. It fosters collaboration, critical thinking, and a deeper understanding of the subject matter.

S18. Ans. (c)

Sol. The correct answer is (c) A, B, C, D, and E only

The humanistic approach to learning is a perspective that focuses on the individual learner, emphasizing personal growth, self-motivation, and fulfilling one's potential.

- A. It emphasizes on self-motivation for better learning-This is consistent with the humanistic approach, which places importance on individuals taking responsibility for their own learning and being motivated intrinsically.
- B. Its emphasis is on learning at the higher level-The humanistic approach often values higher-order thinking skills and learning that goes beyond rote memorization, encouraging critical thinking and creativity.
- C. It fosters curiosity-The humanistic approach recognizes the importance of curiosity and intrinsic interest in learning. Fostering a sense of curiosity is aligned with creating a positive and engaging learning environment.

D. It increases learner's reactivity-Reactivity in this context likely refers to a positive responsiveness or engagement in the learning process. The humanistic approach encourages active participation and engagement, contributing to the learner's reactivity.

E. It believes that learning becomes effective when it is need-based-Humanistic learning emphasizes the relevance of education to the individual's needs and interests. Learning is considered more effective when it is connected to the learner's personal needs and goals.

S19. Ans. (b)

Sol. The correct answer is A and D only.

A. Allowing the students to figure out the problem on their own-This aligns with the idea of providing space for independent thinking and problem-solving, which is a form of scaffolding. It encourages students to develop their cognitive abilities and find solutions on their own.

D. Asking leading questions to guide the students' thinking-This is a classic example of scaffolding. By asking questions that guide students' thought processes, the teacher or facilitator provides support without directly giving away the answer. This helps learners build their understanding step by step.

S20. Ans. (c)

Sol. In swayamprabha, channel no -08 (Physical sciences, Mathematics, Physics, Chemistry and related subjects) is named as Aryabhata.

SWAYAM Prabha is an initiative of the Ministry of Education to provide 80 High Quality Educational Channels through DTH (Direct to Home) across the length and breadth of the country on 24X7 basis. It has curriculum-based course content covering diverse disciplines.

