

## Child Development and Pedagogy

1. Dyslexia is a \_\_\_\_\_ condition which impacts learner's ability to \_\_\_\_\_
  - **Neurological, link sounds to symbols**
  
2. **Assertion (A):** Learning from real life problems and concrete experiences gives the children multiple pathway for learning and retrieving information.  
**Reason (R):** Development is relatively orderly and sequential  
Choose the correct option: (1) (A) is true but (R) is false.  
(2) Both (A) and (R) are false.  
(3) Both (A) and (R) are true and (R) is the correct explanation of (A).  
(4) Both (A) and (R) are true but (R) is not the correct explanation of (A).
  - **Both (A) and (R) are true and (R) is the correct explanation of (A)**
  
3. Asking Critical questions such as "how much and in what ways are various gender represented in textbooks and media" would encourage
  - **Reinforcing gender identity**
  
4. **Assertion (A):** In an inclusive classroom, adaptations should be made in learning goals, pedagogical strategies as well as assessment.  
**Reason (R):** The philosophy of inclusion advocates elimination of all individual differences through pedagogical approaches and assessment.  
Choose the correct option: (1) (A) is true but (R) is false.  
(2) Both (A) and (R) are false.  
(3) Both (A) and (R) are true and (R) is the correct explanation of (A).  
(4) Both (A) and (R) are true but (R) is not the correct explanation of (A).
  - **Both (A) and (R) are true but (R) is not the correct explanation of (A).**
  
5. A teacher notices that one of her students is highly distractible and has trouble paying attention during class. Which of the following strategies would be an effective strategy in helping the student stay focused?
  - (1) Giving a timer to student for self-regulation and time-management.
  - (2) Calling the parents and taking strict disciplinary action against the student.
  - (3) Giving the student repeated tasks to do during class.
  - (4) Strictly telling the student to increase their attention span

- **Giving a timer to student for self-regulation and time-management.**

6. **Assertion (A):** Teachers should constantly reflect on their own stereotypes and bias.

**Reason (R):** Culturally responsive teaching means that teachers are reflective.

Choose the correct option: (1) (A) is true but (R) is false.

(2) Both (A) and (R) are false.

(3) Both (A) and (R) are true and (R) is the correct explanation of (A).

(4) Both (A) and (R) are true but (R) is not the correct explanation of (A).

- **Both (A) and (R) are true and (R) is the correct explanation of (A).**

7. Which of the following process is essential in meaning-making of the information received from environment and store it further in memory?

(1) Forgetting

(2) Retrieval

(3) Attention

(4) Decay

- **Attention**

8. In which stage of Kohlberg's moral development do children's reasoning revolve around ethics of law?

(1) Heteronomous morality

(2) Pre-conventional morality

(3) Autonomous morality

(4) Conventional morality

- **Conventional morality**

9. Which of the following is a core principle of constructivist learning theory?

(1) Students construct their own knowledge through active engagement with their environment,

(2) Learning is primarily a passive process that involves receiving and memorizing information.

(3) Teachers should provide direct instruction and explicit guidance to students.

(4) Learning occurs when students receive correct answers and feedback from teachers.

- **Students construct their own knowledge through active engagement with their environment**

10. According to Vygotsky, what is the role of the teacher in facilitating cognitive development?

- (1) To allow the student to learn completely independently.
- (2) To give only those tasks that the student can currently do independently.
- (3) To provide information and knowledge to the student.
- (4) To guide and support the student's learning through scaffolding.

- **To guide and support the student's learning through scaffolding**

11. Which of the following does not exemplify an inclusive classroom?

- (1) Offering differentiated instruction
- (2) Encouraging competitive ethos
- (3) Incorporation of diverse perspectives
- (4) Following reasonable accommodation

- **Encouraging competitive ethos**

12. An elementary school teacher can strongly influence student's development of academic self-concept by:

- (1) Rewarding autonomy and initiative in students
- (2) Keeping very low expectations from special students
- (3) Keeping very low expectations from all students
- (4) Punishing autonomy and initiative in students

- **Rewarding autonomy and initiative in students**

13. According to Lev-Vygotsky children benefit from the experience of interacting with while working their zone of proximal development.

- (1) the physical environment; within
- (2) the physical environment; just outside
- (3) more knowledgeable others; within
- (4) more knowledgeable others; just outside

- **more knowledgeable others; within**

14. **Assertion (A):** There is no objectively definable moment when a child enters middle childhood or adolescence.

**Reason (R):** Development is continuous in nature.

Choose the correct option.

- (1) (A) is true but (R) is false.

- (2) Both (A) and (R) are false.
- (3) Both (A) and (R) are true and (R) is the correct explanation of (A)
- (4) Both (A) and (R) are true but (R) is not the correct explanation of (A)
  - **Both (A) and (R) are true and (R) is the correct explanation of (A)**

15. In a progressive classroom assessment is:

- (1) Summative
- (2) Normative
- (3) Dynamic
- (4) Objective
  - **Dynamic**

16. In order to address the individual differences among learners, a teacher should:

- (1) consider differences as obvious feature of human diversity
- (2) implement a rigid and uniform curriculum for all learners
- (3) acknowledge differences as abnormal and kind of deficit
- (4) be indifferent towards individual differences
  - **consider differences as obvious feature of human diversity**

17. Alok shows the following behaviours: Holds head in an awkward position when reading squinting and rubbing the eye frequently; redness/swelling of eyes; confusing letters. These can be symptom of potential:

- (1) Autistic spectrum disorder
- (2) Visual problems
- (3) Communication disorder
- (4) Language comprehension problems
  - **Visual problems**

18. Which of the following describes a mastery goal orientation?

- (1) focus on achieving a high grade for receiving external rewards.
- (2) focus on avoiding failure or punishment for fear of humiliation.
- (3) focus on achieving a certain level of performance for competing with others.
- (4) focus on improving one's; skills and understanding of a task.
  - **focus on improving one's; skills and understanding of a task**

19. According to Jean Piaget the ability to use symbols for symbols such as letting the letter X stand for an unknown numeral develops during and enables the children to learn.

- (1) formal operational stage; algebra and calculus
- (2) formal operational stages conservation and seriation
- (3) concrete operational stage; algebra and calculus
- (4) concrete operational stage: conservation and seriation
  - **formal operational stage; algebra and calculus**

20. Assertion (A): Students are more likely to do well and stay in school if they have emotional attachment to their school and believe that they matter.

Reason (R): Emotions play a significant role in learning.

Choose the correct option:

- (1) (A) is true but (R) is false.
- (2) Both (A) and (R) are false.
- (3) Both (A) and (R) are true and (R) is the correct explanation of (A).
- (4) Both (A) and (R) are true but (R) is not the correct explanation of (A).
  - **Both (A) and (R) are true and (R) is the correct explanation of (A).**

21. Which of the following best describes the role of the teacher in progressive education?

- (1) The teacher is responsible for ensuring strict adherence to curriculum standards.
- (2) The teacher lets the children learn independently and does not interfere in their learning.
- (3) The teacher is the primary source of knowledge and authority in the classroom.
- (4) The teacher provides diverse materials for children to experiment and provides scaffolding as and when required.
  - **The teacher provides diverse materials for children to experiment and provides scaffolding as and when required.**

22. Which of the following characterise the process of socialization?

It is a linear process.

It is a complex process.

It is a multidimensional process.

It takes place uniquely in different cultures.

- (1) (b), (c), (d)
- (2) (a), (b), (c)
- (3) (a), (b)
- (4) (b), (c)

- **(b), (c), (d)**

23. Which of the following statements about adolescence is not correct?

- (1) Adolescence is developmental transition between childhood and adulthood entailing physical cognitive and psychosocial changes.
- (2) Children across different cultures usher in and experience adolescence in a similar manner
- (3) Adolescence is a social construction.
- (4) Adolescence is generally considered to begin with puberty - the process that leads to sexual maturity and the ability to reproduce.

- **Children across different cultures usher in and experience adolescence in a similar manner**

24. Work in progress Portfolios are an effective tool for formative assessment because:

- (a) They involve students in the process of assessment.
- (b) They offer insights about the progress of individual students.
- (c) They focus mainly in the presentation of the final product.
- (d) They offer tangible evidence of student learning.

(1) (a), (b), (c)

(2) (a), (b), (d)

(3) (b), (c)

(4) (a), (d)

- **(a), (b), (c)**

25. A middle school teacher wants to enable meaningful learning by helping students make connection between concepts and real-world applications. Which of the following activities would be as appropriate pedagogical strategy?

- (1) Let the students learn by the method of stimulus-response conditioning.
- (2) Let the students research on a current issue in small groups and present their findings to the class.
- (3) Let the students memorize terms and definitions
- (4) Let the students complete worksheets with multiple choice questions.

- **Let the students research on a current issue in small groups and present their findings to the class.**

26. Sujata participates eagerly in the dance competition only because she is interested in winning the first prize of cash. Sujata is:

- (1) Mastery-Oriented learner
- (2) Intrinsically motivated
- (3) Failure-avoiding learner
- (4) Extrinsically motivated

- **Extrinsically motivated**

27. Which of the following is an example of a question that requires students to analyze information?

- (1) How does the author use symbolism in "To Kill a Mockingbird"?
- (2) Who is the protagonist of "To Kill a Mockingbird"?
- (3) What is the plot of the novel "To Kill a Mockingbird"?
- (4) What is the theme of the novel "To Kill a Mockingbird"?

- **How does the author use symbolism in "To Kill a Mockingbird"?**

28. Jean Piaget believed that knowledge is:

- (1) co-constructed in interactions with more knowledgeable others.
- (2) a visible behavioural change that can be measured with reliability
- (3) constructed by the child rather than being passed passively from the environment
- (4) innate and given rather than acquired through interactions.

- **innate and given rather than acquired through interactions.**

29. The central argument of Carol Gilligan's critique of Kohlberg's theory of moral development around:

- (1) Use of experimental design in studying children.
- (2) Educational implications of the study for school going children.
- (3) Ethics of care and the feminist perspective.
- (4) Overestimation of children's moral abilities.

- **Ethics of care and the feminist perspective.**

30. **Assertion (A):** The less able a child is to do a task the more directions the teachers should give and as the child do more and more the teacher should help less and less.

**Reason (R):** Intelligence cannot be accurately measured by calculating IQ.

Choose the correct option:

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

- **(A) is true but (R) is false.**

## **B. Social Studies & Social Science**

31. **Assertion (A):** It was during Shah Jahan's reign that the different elements of Mughal architecture were fused together in a grand harmonious synthesis.

**Reason (R):** His reign witnessed a huge amount of construction especially in Agra and Delhi.

Choose the correct option:

- (1) (A) is true but (R) is false.
- (2) Both (A) and (R) are false.
- (3) Both (A) and (R) are true and (R) is the correct explanation of (A).
- (4) Both (A) and (R) are true but (R) is not the correct explanation of (A).
  - **Both (A) and (R) are true and (R) is the correct explanation of (A).**

32. **Assertion (A):** The Mahalwari settlement for revenue collection was introduced by Holt Mackenzie.

**Reason (R):** The charge of collecting the revenue and paying it to the company was given to the village head rather than the Zamindar.

Choose the correct option:

- (1) (A) is true but (R) is false.
- (2) Both (A) and (R) are false.
- (3) Both (A) and (R) are true and (R) is the correct explanation of (A).
- (4) Both (A) and (R) are true but (R) is not the correct explanation of (A).
  - **Both (A) and (R) are true but (R) is not the correct explanation of (A).**

33. Ladakh is also called Little Tibet due to:

- (a) Geographical proximity
- (b) Religious similarity
- (c) Similar cuisines
- (d) Linguistic similarity
  - **(a), (b), (c), (d)**

34. Torrid Zone on Earth receives maximum heat as:

- (1) the mid-day sun is exactly overhead
- (2) rays of the sun are slanting here
- (3) it is land locked
- (4) it is bounded by oceans
  - **(1) the mid-day sun is exactly overhead**



35. **Assertion (A):** Dadabhai Naoroji, one of the great leader of Indian National Congress never became the President of INC.  
**Reason (R):** He was a businessman and a publicist settled in London for sometime a member of British Parliament.  
Choose the correct option:  
(1) (A) is true but (R) is false.  
(2) Both (A) and (R) are false.  
(3) Both (A) and (R) are true and (R) is the correct explanation of (A).  
(4) Both (A) and (R) are true but (R) is not the correct explanation of (A).  
• **(A) is true but (R) is false.**
36. Railway network is now extensively being built in mountainous areas. Select the suitable reason.  
(1) Mountain people are making railways.  
(2) There are advanced technological developments to enable it.  
(3) It is easy to construct railways in mountains  
(4) Mountains are highly eroded.  
• **There are advanced technological developments to enable it.**
37. Read the statements (A) and (B) carefully:  
(A): In 1817, James Mill published 'A History British India' in three volumes.  
(B): In this he divided Indian history into three periods - Ancient, Medieval and Modern.  
Chose the correct option of the following:  
(A) is true but (B) is false  
(A) is false but (B) is true  
Both (A) and (B) are true  
Both (A) and (B) are false  
• **(A) is true but (B) is false**
38. **Assertion(A):** Tribes have rich in Unique cultural and tradition including their own language and music etc.  
**Reason (R):** Land forest grasslands and water are regarded as the wealth of the entire tribes and every share uses together.  
Choose the correct option:  
(1) (A) is true but (R) is false.  
(2) Both (A) and (R) are false.  
(3) Both (A) and (R) are true and (R) is the correct explanation of (A).  
(4) Both (A) and (R) are true but (R) is not the correct explanation of (A).  
• **Both (A) and (R) are true and (R) is the correct explanation of (A).**

39. Read the Assertion (A) and Reason (R) carefully:  
**Assertion (A):** In 1960, the bilingual state of Bombay was divided into separate states for Marathi and Gujarati speaking people.  
**Reason (R):** In 1966, the state of Punjab was also divided into two States Punjab for Punjabi speakers and Haryana for Haryanavi or Hindi speakers.  
Choose the correct option:  
(1) (A) is true but (R) is false.  
(2) Both (A) and (R) are false.  
(3) Both (A) and (R) are true and (R) is the correct explanation of (A).  
(4) Both (A) and (R) are true but (R) is not the correct explanation of (A).  
• **Both (A) and (R) are true but (R) is not the correct explanation of (A).**
40. (A): In 1770, a terrible famine killed ten million people in Bengal.  
(B): About one-third of the population was wiped out.  
Choose the correct option of the following:  
(A) is true but (B) is false  
(A) is false but (B) is true  
Both (A) and (B) are true  
Both (A) and (B) are false  
• **Both (A) and (B) are true**
41. Periyapuram, a Tamil work informs us about whom?  
(1) Ordinary men and women  
(2) Soldiers and military generals  
(3) Kings and queens  
(4) Scholars and poets  
• **Ordinary men and women**
42. Which of the following ideas was questioned by people from the seventh onwards?  
(1) One could break the cycle of rebirth through personal effort.  
(2) Social privileges are a result of ones birth.  
(3) Only human beings pass through countless cycles of births.  
(4) All human beings are equal at the time of birth.  
• **(2) Social privileges are a result of ones birth.**
43. The atmosphere is a thin layer of air surrounding the Earth. What keeps the air to remain around the earth?  
(1) Rocks and oceans on the earth

- (2) Gravitational force of moon
- (3) Gravitational force of the Earth
- (4) Heat of the sun
- **(3) Gravitational force of the Earth**

44. Which of the following statements help in sustainable development with reference to present day resource availability?

- (a) Reducing consumption of resources
- (b) Increasing resource use
- (c) Recycling resources
- (d) Reusing things
- **(a), (c), (d)**

45. Which one of the following is not true regarding Hindustan Socialist Republican Association (HSRA) Choose the correct option:

- (1) It was founded in 1928 at Amritsar in Punjab.
- (2) Members of the HSRA assassinated Saunders, a police officer.
- (3) Bhagat Singh and his comrades founded this organisation.
- (4) It was founded in 1928 at Ferozeshah Kotla in Delhi.
- **(1) It was founded in 1928 at Amritsar in Punjab.**

46. The true representative model of earth

- 1. Rugby ball
- 2. Globe
- 3. Map
- 4. Satellite Image
- **Globe**

47. Reasons and Assertions:

**Assertion (A):** Stereotypes prevent people from doing certain things that they are good at.

**Reason (R):** Stereotypes stop us from recognizing unique qualities and skills in individuals and fit them one pattern.

Choose the correct option:

- (1) (A) is true but (R) is false.
- (2) Both (A) and (R) are false.
- (3) Both (A) and (R) are true and (R) is the correct explanation of (A).
- (4) Both (A) and (R) are true but (R) is not the correct explanation of (A).
- **Both (A) and (R) are true and (R) is the correct explanation of (A).**

48. Winds blow dry leaves down the pavement. How do winds blow?

- (1) Movement of condensed air.

- (2) Movement of plants and animals.
- (3) Movement of air from high pressure area to low pressure area.
- (4) Movement of air from low pressure area in high pressure arros.
- **(3) Movement of air from high pressure area to low pressure area.**

49. Read the statements (A) and (B) carefully:

(A): The Veda Samaj was established in Madras in 1864. (B): It was inspired by the Arya Samaj.

Choose the correct option:

- (1) (A) is true but (B) is false
- (2)(A) is false but (B) is true
- (3) Both (A) and (B) are true
- (4)Both (A) and (B) are false
- **(1) (A) is true but (B) is false**

50. Choose the statements that explain the Ganga-Brahmaputra Basin

- (a) Coniferous forests grow in this region.
- (b) The Basin lies in sub-tropical region.
- (c) The area je dominated by Monsoon climate.
- (d) The basin aron has a varied topicgraphy
- **(b), (c), (d)**

### Mathematics and Science

1. Which of the following is NOT indicative of the hypothesising skill?

- (1) Using the senses to gather information
- (2) Identifying variables for an experiment
- (3) Formulating questions which lead to inquiry
- (4) Attempting to explain observations or relationships in terms of some principle
- **Identifying variables for an experiment**

2. Identify the correct statement(s) :

- (a): A fact is an observation that has repeatedly been found to be true over the time.
- (b): A law is a theory that has repeatedly been found to be true over the time.
- (1) Only (b)
- (2) Neither (a) nor (b)
- (3) Only (a)
- (4) (a) and (b)
- **(4) (a) and (b)**

3. Which of the following plant disease(s) are caused by bacteria ?  
(a) Rust of wheat (b) Citrus tanker (c) Yellow vein mosaic of bhindi  
(1) (b) and (c)  
(2) Only (c)  
(3) (a) and (b)  
(4) Only (b)
- **(4) Only (b)**

4. A teacher, while teaching the chapter "Body Movements to class VI students shows the following images to her students:  
A sailing boat, swimming fish and a flying aeroplane. She then asks the students to reflect on the shape of the images and the manner of movement. Which of the following are likely to be employed by students in answering?  
(a) Classifying  
(b) Observing  
(c) Inductive reasoning  
(d) Measuring
- **Observing**

5. Read the following text:  
When a negatively charged rod is brought near an uncharged electroscope,  
(a) the electroscope leaves move further apart  
(b) both the electroscope leaves acquire similar charge  
(c) the negative charges pass on to the electroscope causing its leaves to move further apart  
Of the above three statements:  
(1) (a), (b) and (c) are observations)  
(2) (a), (b) and (c) are inferences  
(3) (a) is an observation while (b) and (c) are inferences  
(4) (a) and (b) are observations and (c) is an inference
- **(3) (a) is an observation while (b) and (c) are inferences**

6. A box of mass 500 gm is lying on a horizontal table. Which of the following statements is true regarding the force(s) acting on it? [g=10 m/s<sup>2</sup>]  
(1) A pair of balanced forces acts on it  
(2) An unbalanced force of 5 N acts on it in the upward direction  
(3) No force acts on it  
(4) An unbalanced force of 5 N acts on it in downward direction
- **(1) A pair of balanced forces acts on it**

7. - Which of the following best explains the statement 'science promotes scepticism' ?

- (1) Scientists do not trust the findings of other scientists
- (2) Scientists are open-minded and willing to modify their ideas
- (3) Scientists judge the validity of a claim based on objective empirical evidence.
- (4) Science is purely inductive in nature
  - **(3) Scientists judge the validity of a claim based on objective empirical evidence.**

8. X and Y are thick, black liquids which can be used for metalling the roads. X is derived from petroleum and Y is derived from coal. Which of the following can X and Y respectively be?

- (1) Charcoal, Bitumen
- (2) Coal Tar, Bitument
- (3) Bitumen, Coal Tar
- (4) Coal Tar, Charcoal
  - **(3) Bitumen, Coal Tar**

9. Which of the following is the most suitable strategy for introducing the students to the concept chemical reactions at upper primary level?

- (1) Define a chemical reaction and give examples
- (2) Hold a discussion on chemical reactions which students are likely to have observed in the lives
- (3) Explain the concept of valence electrons and electronic configuration
- (4) Write the chemical equations in symbolic form and ask students to observe

- **(3) Explain the concept of valence electrons and electronic configuration**

10. Read the following statements carefully and select the correct option.

S1 Rayon is a synthetic fibre.

S2: Rayon is made without using any natural raw material.

- (1) S1 is false and S2 is true
- (2) Both S1 and S2 are false
- (3) Both S1 and S2 are true
- (4) S1 is true and S2 is false
  - **(4) S1 is true and S2 is false**