

KARTET 2021

PRACTICE PAPER 01

ENVIRONMENTAL SCIENCE (EVS)

30 X 1 = 30 Marks

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1. What is the location of Jammu & Kashmir and Goa with respect to Bihar in India?
 - (1) East and West
 - (2) West and East
 - (3) North-west and South-west
 - (4) South-west and North-east
2. Under which of the following conditions will the process of evaporation be slowest?
 - (1) Both surface area and temperature increase
 - (2) Surface area increases but temperature decreases
 - (3) Surface area decreases but temperature increases
 - (4) Both surface area and temperature decrease
3. The ability to understand relative position of places, distances and directions is—
 - (1) directional skill
 - (2) mapping skill
 - (3) positional skill
 - (4) graphic skill
4. Which National Curriculum Framework (NCF) recommended Environmental Studies to be taught as an integrated curricular area at the primary level?
 - (1) NCF-2005
 - (2) NCF-1988
 - (3) NCF-2000
 - (4) NCF-1975
5. Which region has the practice of shifting cultivation in India?
 - (1) North-eastern region
 - (2) Southern region
 - (3) North-western region
 - (4) South-eastern region



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6. Which one of the following statements is not true for hydropower generated from river dams?

- (1) Dams encourage sustainable growth.
- (2) It does not pollute water or air.
- (3) Hydropower facilities can have large environmental impacts.
- (4) Dams displace indigenous people from their river lifelines.

7. Which of the following is/are greenhouse gas/gases?

- (1) Carbon dioxide
- (2) Methane
- (3) Water vapour
- (4) All of the above

8. Why are cold deserts in India not affected by the monsoon?

- (1) Cold deserts have hot summers and extremely cold winters.
- (2) Cold deserts lie in the rain shadow of the Himalayas.
- (3) Air is very thin in cold deserts.
- (4) Cold deserts are at a very high altitude.

9. Which one of the following is responsible for turning Taj Mahal yellow?

- (1) Nitrogen dioxide
- (2) Sulphur dioxide
- (3) Sulphur
- (4) Chlorine

10. Who built the Golconda Fort?

- (1) Chola Dynasty
- (2) Chalukya Dynasty
- (3) Kakatiya Dynasty
- (4) Pallava Dynasty

11. What is the mass of an object with a density of 15 g/mL and a volume of 3 mL?

- (1) 18 g
- (2) 45 g
- (3) 5 g
- (4) 12 g

12. Which one of the following is a scalar quantity?

- (1) Mass
- (2) Gravity
- (3) Momentum
- (4) Weight



13. An object in which no light rays can pass through is called

- (1) opaque
- (2) translucent
- (3) transparent
- (4) convex

14. What will be the weight of an object on the surface of the earth whose mass is 10 kg on the moon's surface?

- (1) 60 kg
- (2) 10 kg
- (3) 60 N
- (4) 10 N

15. The rate of dissolution of a solute depends on

- (1) pressure
- (2) temperature
- (3) surface area
- (4) weight

16. Sushma wants her students to be sensitized for 'conservation of trees'. Which one of the following is the most suitable strategy to do so?

- (1) Conducting a debate in classroom
- (2) Group discussion
- (3) Poster making
- (4) Helping children to adopt and nurture a plant

17. Abhay asked his students to do a survey in groups on diseases that people in their neighbourhood suffered from. The survey is not mentioned in the textbook. Which option is not relevant for this teaching-learning strategy?

- (1) It provided opportunity to interact with community.
- (2) It helped children connect learning with real life.
- (3) It enabled children understand data handling and work together.
- (4) It helped the community understand the diseases that they suffered from.

18. To talk about emergency situations, Priya asked children's experiences when they faced any emergencies. Children narrated their experiences with fire, electric shock and road accidents. She asked questions, assessed their existing understandings and discussed safety aspects using resources such as road safety advertisements from newspapers and also used LPG and electric bill to discuss safety guidelines on fire and electric shock respectively. Which is the most appropriate approach that Priya employed?

- (1) Cognitive approach
- (2) Experiential learning approach
- (3) Enquiry approach
- (4) Humanistic approach



19. 'Community' is an important teaching and learning resource, because—

- (1) it is inexpensive and accessible
- (2) elderly people are wise and have time
- (3) it provides learning opportunity in real setting
- (4) one can accept all knowledge available in the community uncritically

20. In EVS teaching-learning, linking classroom learning to life outside school and enriching it implies—

- (1) going beyond the textbooks
- (2) linking textbooks to global environmental issues and concerns
- (3) whole school approach
- (4) going beyond curriculum

21. To class III students, Rama taught that a father, mother and their children constitute nuclear family and if grandparents and other relatives stay along, then it is an extended family. What do you think of this?

- (1) The definition of a family is incorrect.
- (2) Rama is insensitive towards her students.
- (3) The teaching-learning approach is not inclusive.
- (4) The concept of family has to be taught like this

22. Which of the following is/are activity/activities in EVS classroom?

- (1) Picture reading
- (2) Field visit
- (3) Use of blackboard
- (4) All of the above

23. Environmental Studies curriculum may lead to holistic learning of children if it is

- (1) integrated
- (2) inclusive
- (3) thematic
- (4) All of the above



24. The EVS textbook has a chapter on snake charmer. It is intended to make children aware and be sensitized

- (1) that it is an illegal act
- (2) for snake charmers as children do not see them often these days
- (3) that snake charmers may not harm snakes and they need to be provided with alternatives before depriving them of their livelihoods
- (4) that animal keeping is good source of livelihood

25. Which is most relevant to the mid-day meal time in school?

- (1) It has nothing to do with teaching-learning.
- (2) It is a good teaching-learning opportunity for EVS teaching learning.
- (3) It is for children who come empty stomach to school.
- (4) It wastes a lot of precious time of teaching-learning.

26. What does 'learning without burden' in the context of Environmental Studies imply?

- (1) Less weight of schoolbag
- (2) Less number of chapters in EVS textbooks
- (3) Load of incomprehension needs to be reduced
- (4) The EVS curriculum needs to be reduced to half

27. What purpose does group learning serve in an EVS classroom?

- (1) Boys and girls can learn separately
- (2) To segregate high performers and low achieving students and to do remedial teaching
- (3) To inculcate values of cooperation and working together to enable each child participate actively and learn
- (4) To manage students easily and reduce workload

28. What is the full form of 'BALA' ?

- (1) Brain Aided Learning Assignment
- (2) Braille as Learning Aid
- (3) Building as Learning Aid
- (4) Braille Aided Learning Assessment

29. What do 'alternative frameworks' mean?

- (1) Textbook explanations of various physical phenomena
- (2) Ideas that differ from the formally accepted explanations of the concepts
- (3) Ideas presently held by scientists and social scientists
- (4) All ideas that are firmly held by children

30. Women are weaker than men. It is a—

- (1) myth
- (2) scientific fact
- (3) stereotype
- (4) superstition

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