

PART III /

ENVIRONMENTAL STUDIES /

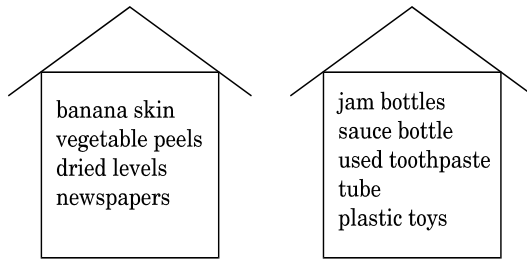
*Directions : Answer the following questions by selecting the **most appropriate** option.*

61. It has been observed that the process of digestion is faster inside the stomach than outside because
- (1) the digestive juices inside the stomach are acidic, while outside they are alkaline
  - (2) the amount of digestive juices produced in the stomach in the presence of food is much more
  - (3) the digestive juices when kept outside the stomach become inactive
  - (4) the food is churned in the stomach thereby increasing the surface area for quicker enzyme action
62. Cooked rice can be preserved for a longer time in a refrigerator because
- (1) microbes become inactive at low temperature
  - (2) microbes are destroyed and killed at low temperature
  - (3) moisture content in the food is reduced at low temperature
  - (4) refrigerators contain certain chemicals which kill the microbes
63. A lemon sinks in normal water but floats in salty water because the density of
- (1) salt water is more than normal water
  - (2) normal water is more than salt water
  - (3) lemon increases in salt water
  - (4) lemon decreases in salt water
64. Malaria can be detected by testing the blood for the presence of
- (1) ruptured liver cells in blood
  - (2) larvae of mosquito in blood
  - (3) eggs of mosquito in red blood cells
  - (4) Plasmodium in red blood cells

65. A Shooting Star is a
- (1) shining object which moves with a constant speed in the atmosphere
  - (2) star with a tail at the end
  - (3) meteoroid which catches fire as it enters the Earth's atmosphere
  - (4) star which moves with a constant speed
66. Durga lives in a village and cooks food on a chulha (earthen stove) using wood or cow dung cakes as fuel. She has been suffering from severe cough for the last three months. This may be due to the
- (1) carbon monoxide produced by burning fuel which may have been deposited in her respiratory tract
  - (2) soot produced by burning the fuels which may have been deposited in her respiratory tract
  - (3) smoke produced by burning fuels which may have caused her allergy
  - (4) old age and pollution inside and outside her hut
67. A man with blood group 'O' marries a woman with blood group 'A'. The chance of their first child having blood group 'O' is
- (1) 50%
  - (2) 100%
  - (3) 25%
  - (4) 75%
68. The difference between boiling and evaporation is that
- (1) boiling causes a change of state of water while evaporation does not
  - (2) evaporation can take place at any temperature while boiling cannot
  - (3) boiling causes reduction in volume of liquid while evaporation does not
  - (4) changing of boiling liquid into vapour can be seen but evaporation cannot be seen

69. A farmer wanted to separate the grains from the chaff. This can be achieved by the process called
- (1) Threshing
  - (2) Winnowing
  - (3) Harvesting
  - (4) Handpicking
70. In rural areas, cow dung is used to coat the floor and walls of huts to
- (1) make them smooth and clean
  - (2) make them rough to increase friction
  - (3) give a natural colour to the floor
  - (4) keep the insects away
71. Mira and Divya are young girls. Mira likes to eat samosas, cutlets and bread. Divya, on the other hand, takes an iron deficient diet. Which of the following disorders are Mira and Divya likely to suffer from, respectively ?
- (1) Anaemia and night blindness
  - (2) Obesity and anaemia
  - (3) Obesity and scurvy
  - (4) Scurvy and anaemia
72. Vitamins are substances
- (1) required as medicines to make us healthy
  - (2) that build muscles to keep us strong
  - (3) required in small quantities to prevent deficiency diseases
  - (4) that increase our metabolic rate leading to loss of weight
73. Chipko Movement was strengthened under the leadership of
- (1) Amrita Devi Bishnoi
  - (2) Medha Patkar
  - (3) A.K. Banerjee
  - (4) Sunder Lal Bahuguna

74. Rina separated the garbage from the house into two piles as shown below :



Rina has separated the garbage waste into two piles depending on the criteria

- (1) can be decomposed/cannot be decomposed
  - (2) can be recycled/cannot be recycled
  - (3) are household/industrial waste
  - (4) have odour/are odourless
75. An egret bird is often seen on a buffalo's back. This is because the egret
- (1) loves to sing while sitting on the buffalo's back
  - (2) rests after flying for a while
  - (3) feeds on parasites on the buffalo's back
  - (4) feeds on insects present in the grass
76. Which of the following statements is not an objective of teaching EVS at the primary level ?
- (1) Arouse curiosity about the natural and social environment
  - (2) Engage in exploratory and hands-on activities that lead to the development of cognitive and psychomotor skills
  - (3) To load learners with terms and definitions for assessment
  - (4) To internalise the values of concern for life and environment
77. The idea of showing a sample of a railway ticket in the EVS textbook is to
- (1) give the students an idea of the rail fare
  - (2) provide them the knowledge of various abbreviations used in the ticket
  - (3) enhance the skills of students to arrive at conclusions
  - (4) give them an opportunity to interact with real information and develop the skill of observation

78. The concept of 'seed germination' can be taught best by
- (1) howing germinated seeds to the class and explaining the process of germination
  - (2) presenting the germination stages through drawings on the board
  - (3) asking the students to perform an activity to sow seeds, observe different stages and draw them
  - (4) showing photographs of seed germination
79. Which one of the following is not an objective of including riddles and puzzles in the EVS textbook ?
- (1) To develop critical thinking ability in students
  - (2) To develop reasoning ability in students
  - (3) To confuse the mind of the students and let them enjoy the confusion
  - (4) To develop curiosity and ability to think creatively
80. As an EVS teacher, you plan to take the students to the zoo. Which of the following activities would you not allow the students to undertake ?
- (1) Collect photographs of the animals they expect to see at the zoo
  - (2) Take their drawing books along with them to draw what they see at the zoo
  - (3) Take along lots of eatables for the animals at the zoo
  - (4) Try to find out the food taken up by different animals at the zoo

81. At the primary stage, assessments should consist of

- (1) continuous and unstructured teacher observations to be shared with learners and parents
- (2) formal tests and games done every week and recorded in the Report Card
- (3) half-yearly and annual examinations at the end of the year
- (4) home assignments and class assignments every week to rate young learners under the categories of pass or fail

82. Simple experiments and demonstrations can be performed in the EVS class

- (1) to enable children to learn on their own and sharpen their observation skills
- (2) to follow what is being done in the senior classes
- (3) to discuss ideas, record and analyse observations on the basis of questions raised by students
- (4) to control the students to ensure discipline in the class

83. Which of the following statements about assignments is correct ?

- (1) Assignments need to be given as classwork followed by homework every day to provide variety and practice
- (2) Assignments should be the only method of assessment
- (3) Assignments provide learners an opportunity to search for information, construct their own ideas and articulate them
- (4) Assignments can be done by parents, brothers or sisters depending on the talent that they possess

84. The skills required to read a map include

- (1) excellent drawing and painting skills
- (2) ability to use calculations and sketch positions on a globe
- (3) excellent communication skills to draw out the expressive ability
- (4) ability to understand relative position of places, distances and directions

85. The use of poems and story telling to explain concepts in an EVS class helps to

- (1) make the lesson enjoyable and interesting
- (2) promote the ability to imagine and explore the nature of the world at the local and global level
- (3) take care of the language and cultural diversity among learners
- (4) channelize the energies of the students in the right direction

86. To make children aware of different kinds of fuel, a teacher can

- (1) show pictures of fuels on a chart
- (2) ask children to list different fuels
- (3) show some samples of fuels in the class
- (4) discuss with children about possible kinds of fuel that can be used for cooking, along with a short film

87. Giving importance to individual experiences of children in an EVS class will benefit the teacher

- (1) to know the unique experiences of children
- (2) to help and improve the language and communication skills of the children
- (3) to connect the subject to the learners' experiential world and promote reflection and learning
- (4) to save her energy as children enjoy talking

- 87.
88. Which of the following represents one of the objectives of teaching EVS at Primary School ?
- (1) To make learners aware of technical terms and definitions
  - (2) To assess technical terms related to EVS
  - (3) To inform the learners about the books they should read to expand their knowledge
  - (4) To connect the experiences of the learners in school with the outside world
89. A school planned an educational trip for Class-V students to Rajasthan. What would be your expectation from the children during the visit ?
- (1) They should enjoy themselves
  - (2) They should observe keenly, make notes and share their observations with other students and the teacher
  - (3) They should note down their questions, if any, and ask the parents after reaching home
  - (4) They should observe everything without asking questions about it
90. After the lunch break, while teaching EVS, you find that students are not taking interest in the lesson. What would you do ?
- (1) Use audio-visual aids based on multiple intelligences to make the lesson interesting
  - (2) Change the topic immediately
  - (3) Take the children out to play in the ground
  - (4) Ask them to put their heads down on the desk and relax