

KENDRIYA VIDYALAYA BOLARUM
FORMATIVE ASSESSMENT

CLASS:VII

SUBJECT: SCIENCE

TIME: 90 MIN. MAX.MARKS:40
PART -1

I) Fill in the blanks.

5 M

- 1) The process of taking food in to the body is called _____
- 2) Cotton like threads spread on the piece of moist bread after 2/3 days are called _____
- 3) An example of a ruminant (animal) _____
- 4) The process of removing the fleece (hair) of the sheep along with a thin layer of skin is called _____
- 5) The hotness of an object is determined by its _____

II) Multiple choice questions. 5 M

- 6) The source of energy for the process of photo synthesis is, ()
a) Solar energy b) water energy c) wing energy d) ocean energy
- 7) Pseudopodia helps in the ingestion of food in, ()
a) Snake b) paramecium c) earth worm d) Amoeba
- 8) Which of the following is obtained from plants? ()
a) Wool b) cotton c) silk d) polyester
- 9) Stainless steel pans are usually provided with copper bottoms. The reason for this could be that, ()
a) Copper bottom makes the pan more durable.
b) Such pans appear colourful.
c) Copper is a better conductor of heat than the stainless steel.
d) Copper is easier to clean than the stainless steel.
- 10) Plants take carbon dioxide from the atmosphere mainly through their ()
a) Roots b) stem c) Flowers d) Leaves

PART -2

ANSWER ALL QUESTIONS. 2 X 4 = 8

- 11) Explain the term “symbiotic relationship” with an example.
- 12) What are “villi”? What is their function?
- 13) Name four types of natural silks.
- 14) Give two examples each of conductors and insulators of heat.

ANSWER ALL QUESTIONS.

3 X 4 = 12

- 15) State the similarities and differences between the laboratory thermometer and the clinical thermometer.
- 16) Make sketches in a sequence the life history of the silk moth.
- 17) Describe the role of stomach in the human digestive system.
- 18) Show with the help of a sketch that plants are the ultimate source of food.

ANSWER THE FOLLOWING QUESTION.

5 X 1 = 5

- 19)
 - a) Name any four wool giving animals? What is “scouring” in the processing of wool? 3
 - b) Differentiate “sea breeze” from “land breeze”. 2
- 20) A) Draw a neat labeled sketch of human digestive system. 3
b) Define the following, 2
 - 1) Digestion 2) Sericulture

SCORING KEY

- 1) Ingestion
- 2) Fungi
- 3) Cow / Buffalo (any grass eating animal)
- 4) Shearing
- 5) Temperature

MCQ

- 6) Solar energy
- 7) Amoeba
- 8) Cotton
- 9) C
- 10) Leaves

PART-2

- 11) Definition 1 ½ M

Example ½ M

- 12) Structure and location 1 M

Function 1 M

- 13) ½ Mark each.

- 14) ½ Mark each.

- 15) Similarities 1 M

Difference 2M

- 16) Sequence 1 M

Four stages sketches 2M

- 17) Secretions 1 ½ M

Functions 1 ½ M

- 18) Any food chain with plants as the base 3 M

- 19) a) Names 2 M

Scouring definition 1 M

b) Definitions of sea breeze and land breeze 2M

- 20) a) Figure 1 ½ M labeling 1 ½ M

b) Definitions 1 + 1 = 2 M