

Dr. M.K.K. ARYA MODEL SCHOOL, MODEL TOWN, PANIPAT

MID- TERM EXAMINATION, SEPTEMBER ,2021

SUBJECT – SCIENCE (PART – A)

CLASS – VII

Time Allotted: 40 Min.

Max Marks: 20

Multiple Choice Questions: (1*10=10)

1. The water holding capacity is the lowest in
(a) Sandy Soil (b) Clayey Soil (c) Loamy Soil (d) Mixed Soil
2. Which option best describes a tropical region
(a) Hot and Humid (b) Hot and Dry (c) Cold and Humid (d) None of these
3. The process of taking in food by an organism and its utilization by the body is known as
(a) Nutrients (b) Nutrition (c) Photosynthesis (d) Feeding
4. Properties which are affected during physical changes are
a) Colour b) Shape c) Size d) Both b and c
5. Litmus a natural dye is an extract of which of the following?
(a) China rose (b) Beetroot (c) Lichen (d) Blue berries
6. Which medicines are used for treating indigestion?
(a) Antibiotic (b) Analgesic (c) Antacids (d) Antiseptic
7. Silk production involves the cultivation of
(a) Blackberry trees (b) Mulberry trees (c) Gooseberry trees (d) Strawberry trees
8. From which animal, angora wool is obtained?
(a) Camel (b) Bear (c) Goat (d) Yak
9. An example of the insulators of heat is
(a) Aluminium (b) Wood (c) Iron (d) Copper
10. We can measure the temperature of boiling water by ----- thermometer
(a) Laboratory (b) Clinical (c) Both a and b (d) Digital

Answer the following questions:

11. What are the two main types of nutrition prevalent in living organisms? (2)
12. Razia conducted an experiment in the field related to the rate of percolation. She observed that it took 40 min for 200 ml. of water to percolate through the soil sample. Calculate the rate of percolation. (2)
13. Describe the role of saliva, bile juice and pancreatic juice in digestion. (3)
14. Explain the process of neutralisation with equation. (3)

Dr. M.K.K. ARYA MODEL SCHOOL, MODEL TOWN, PANIPAT

MID- TERM EXAMINATION, SEPTEMBER, 2021

SUBJECT – SCIENCE (PART – B)

CLASS – VII

Time Allotted: 40 Min.

Max Marks: 20

15. How many sets of teeth do humans have in their lifetime? Name them. (1)
16. What is the use of laboratory thermometer? (1)
17. Discuss why wearing more layers of clothing during winter keeps us warmer than wearing just one thick piece of clothing. (1)
18. What are stomata? What is their role in plants? (2)
19. Explain how soil pollution and soil erosion could be prevented? (3)

20. Fill In The Blanks:- (4)

- a. Moving air is called _____.
- b. Baking a cake is an example of _____ change.
- c. For rusting , the presence of both _____ and _____ is essential.
- d. Silk is a _____ fibre.

21. True or False :- (4)

- a. Fat is completely digested in the small intestine.
- b. Fabrics are made from yarn.
- c. Siberian crane comes from Siberia.
- d. Soil is formed by the breaking down of rocks.

22. Boojho, Paheli and their friend Golu were provided with a test, each containing China rose solution which was pink in colour.

(3)

Boojho added 2 drops of solution 'A' in his test tube and got dark pink colour.

Paheli added 2 drops of solution 'B' to her test tube and got green colour.

Golu added 2 drops of solution 'C' but could not get any change in colour.

Find the nature of solution A,B and C.

Solution A is -	i) Acidic	ii) Basic	iii) Neutral
Solution B is -	i) Acidic	ii) Basic	iii) Neutral
Solution C is -	i) Acidic	ii) Basic	iii) Neutral

