

KENDRIYA VIDYALAYA SITAPUR SHIFT-1
Periodic Test - 1 (2023-24) Class VII Science

time 1.30 hr

M.M 40

Section A

- Q.1. which of the following a insectivorous plant [1]
(i) Cuscuta (ii) China rose (iii) pitcher plant (iv) Rose
- Q.2.) Fat is completely digested in the [1]
(i) Stomach (ii) mouth (iii) small intestine (iv) large intestine
- Q.3. Blue Litmus paper is dipped in a solution. It changes into red. What is the nature of the solution? [1]
(i) Basic (ii) neutral (iii) Acidic (iv) All of these
- Q.4. Human beings can be categorised as [1]
(i) parasite (ii) heterotrophs (iii) saprotrophs (iv) autotrophs
- Q.5. Litmus is extracted from [1]
(i) curd (ii) grapes (iii) lichens (iv) cabbage
- Q.6. Which is not digested by human? [1]
(i) Protein (ii) Fats (iii) glucose (iv) cellulose
- Q.7. Which of the following feels soapy on touching? [1]
(i) Acid (ii) Base (iii) Salt (iv) None of these

Section-B

- Q.5. Name the pores through which leaves exchange gases [1]
- Q.6. Write the name of a plant parasite? [1]
- Q.10. Mark 'T' if the statement is true and 'F' if it is false: [4]
(i) Carbon dioxide is released during photosynthesis. (T/F)
(ii) The ruminants bring back swallowed grass into their mouth and chew it for some time. (T/F)
(iii) Clinical thermometer measures temperature of room. (T/F)
(iv) China Rose is a natural indicator. (T/F)
- Q.11. Fill in the blanks: (1×3=3)
(a) During photosynthesis plants take in _____ and release _____.
(b) The range of a clinical thermometer in Celsius scale is _____ & in Fahrenheit is _____.
(c) **No medium is required for transfer of heat by the process of _____.**

Section - C

- Q.12. Distinguish between a parasite and a saprotrophs. [2]
- Q.13. Which acid is injected into our body by an ant sting that causes pain? [3]
- Q.14. Where is bile produced? Which component of food does it digest? [2]
- Q.15. Give two examples each of conductors and insulators of heat. [3]
- Q.16. **Look at figure. Mark where the heat is being transferred by conduction, by convection and by radiation.** [4]



SECTION - D

- Q.17. Match the words of Column I with those given in Column II: [5]
- | Column I | NAME OF ACID | Column II FOUND IN |
|----------|---------------------------|-------------------------|
| 1. | Acetic acid | (a) Ant's sting |
| 2. | Lactic acid | (b) Amla, citrus fruits |
| 3. | Formic acid | (c) vinegar |
| 4. | Vitamin C (Ascorbic acid) | (d) Tamarind |
| 5. | Tartaric acid | (e) Curd |
- (b) Draw a labelled diagram of the human digestive system only. (5)