

SUBJECT: SCIENCE

Class – VII

TIME: 2¹/₂Hrs.

MAX. MARKS: 60

General Instructions

1) The question paper comprises of two sections, A and B. You are to attempt both the sections. All questions of section A and B are to be attempted separately.

2) All questions are compulsory.

3) Marks for each question are indicated against it.

Choose the most appropriate option: -

SECTION: - A

- | | |
|---|---|
| 1. What is the mode of nutrition in plants? | 1 |
| 2. What is the range of clinical thermometer? | 1 |
| 3. Where is bile produced? | 1 |
| 4. What is wind? | 1 |
| 5. What is humus? | 1 |
| 6. Give a brief description of the process of synthesis of food in green plants. | 2 |
| 7. How would you test the presence of starch in leaves? | 2 |
| 8. Define sea breeze and land breeze. | 2 |
| 9. Describe the process of neutralization with the help of one example. | 2 |
| 10. Name the elements that determine the weather of a place. | 2 |
| 11. Name the various steps in sequences which are used in the process of making wool. | 3 |
| 12. Explain why calamine solution is applied on the skin when an ant bites? | 3 |
| 13. What do you mean by physical and chemical change? Give two examples of each change. | 3 |
| 14. Explain why rusting of iron objects is faster in coastal areas than in deserts. Give the equation to represent rusting of iron. | 3 |
| 15. Draw a diagram showing different stages of life history of a silk moth. | 3 |
| 16. Draw a well labeled diagram to show the digestive system in ruminants | 5 |
| 17. Explain the adaption of elephant to live in tropical rainforests. | 5 |

- 18 Explain how thunder storm becomes a cyclone. 5
- 19 What is soil? What do you mean by sandy soil, clayey soil and loamy soil? Which type of soil is best for growing crops? 5

SECTION –B

20. Amarble is an example of 1
- (a) Autotrophs
 - (b) Parasitic
 - (c) Saprotrophs
 - (d) Host
21. Fat is completely digested in 1
- (a) Mouth
 - (b) Stomach
 - (c) Small intestine
 - (d) Large intestine
- 22 Which of the following does not yield wool? 1
- (a) Yak
 - (b) Camel
 - (c) Goat
 - (d) Woolly dog
23. One liter of water at 30.C is mixed with one liter of water at 50.C. the temperature of the mixture will be
- (a) 80C
 - (b) 20C
 - (c) More than 50C but less than 80C
 - (d) Between 30C and 50C
24. An iron ball at 40C is dropped in a mug containing water at 40C. The heat will 1

- (a) Flow from iron ball to water
(b) Not flow from iron ball to water or from water to iron ball.
(c) Flow from water to iron ball
(d) Increase the temperature of both.
- 25 Stainless steel pans are usually provided with copper bottoms. The reason for this could be that 1
- (a) Copper bottom makes the pan more durable
(b) Such Pans appears colourful
(c) Copper is a better conductor of heat than stainless steel
(d) Copper is easier to clean than the stainless steel
- 26 Neutralization is a reaction between 1
- (a) Two acids
(b) Two bases
(c) One acid and one base
(d) None of these
- 27 Which one of the following place is unlikely to be affected by a cyclone 1
- (a) Chennai
(b) Mangalore
(c) Amritsar
(d) Puri
- 28 The water holding capacity is highest in 1
- (a) Sandy soil
(b) Clayey soil
(c) Loamy soil
(d) None of these
- 29 On which horizon of soil minerals are found. 1
- (a) A

- (b) B
- (c) C
- (d) None of these

