

EVERWIN MATRIC. HR. SEC. SCHOOL

19.03.2020

CRP-III – SCIENCE

Marks : 50

Std : VII

Time : 1½ hours

I. Choose the correct answer:

(6 × 1 = 6)

1. SI unit of density is_____.

- a) kg/m² b) kg/m³ c) kg/m d) g/m³

2. The chemical change is_____.

- a) Water to clouds b) Growth of a tree
c) Cowdung to biogas d) Ice cream to molten ice cream

3. Light that hits a mirror gets_____.

- a) Transmitted b) Reflected c) Absorbed d) Refracted

4. I am the outer most layer of an animal cell. Who am I?

- a) Cell wall b) Nucleus
c) Cell membrane d) Nuclear membrane

5. The keyboard shortcut used to copy the selected text is_____.

- a) Ctrl + C b) Ctrl + V c) Ctrl + X d) Ctrl + A

6. _____is the daily essential product which is obtained from cattle.

- a) Egg b) Milk c) Both d) None

II. Fill in the blanks:

(6 × 1 = 6)

7. A plane mirror produces a _____.

8. Waxing of moon means_____.

9. _____is an example of polyester fabric.

10. Protein and _____is rich in milk.

11. _____is the basal swollen part of the gynoecium.

12. _____is extracted from bee hives.

III. Match the following:

(5 × 1 = 5)

- | | | |
|-----------------------------|---|-----------------------|
| 13. Rectilinear propagation | - | Spectrum of light |
| 14. Band of seven colours | - | Silk worm |
| 15. Teflon | - | Poultry |
| 16. Cocoon | - | Pinhole camera |
| 17. Broilers | - | Non – stick cookwares |

IV. True or False:

(2 × 1 = 2)

18. Animals are the greatest gift of nature.

19. Cell membrane is fully permeable.

V. Give very short answer:

(4 × 1 = 4)

20. The word _____refers to the phases where the moon is less than half illuminated.

21. What is the chemical name of the polymers that make up cotton?

22. What are the two types of fibres that are obtained from animals?

23. What are the types of chicken?

VI. Give short answers: (Any 8)

(8 × 2 = 16)

24. What are derived Quantities?

25. Name the four different types of galaxies.

26. Distinguish physical and chemical changes.

27. What are luminous objects?

28. What kind of Fabric is suitable to dress up and play in the summer?

29. What is epicyclic model?

30. Distinguish between chloroplast and Mitochondria.

31. Define sericulture.

32. Write down the steps involved in processing of wool.

33. What is the use of text document software?

34. How to open an existing document?

35. What are the agents of pollination?

VII. Answer in detail: (Any 3)

(3 × 3 = 9)

36. What are Regular and Irregular reflection?

Explain with the help of diagrams.

37. Explain the waxing and waning phases in Venus.

38. List the advantages and disadvantages of Synthetic Fibres.

39. Make a labelled diagram of candle flame.

40. Write about Ahimsa Silk.

41. Write a brief account on pollination.

VIII. Picture based question:

(1 × 2 = 2)

42. Draw a neat labelled sketch of “Nucleus”.

