

Bhavan's Tripura Vidyamandir

1st Terminal Examination: (2024 –2025)

Class:- 6

Time:- 3 hours

Subject: Science

Total: - 80 Marks

Name of the student:

Roll:

Sec:

GROUP - A

Choose the correct answer.

1X5 = 5

1. Which of the following is a rich source of fat?
i) Fruits ii) butter iii) spinach iv) potato
2. Example of an opaque object is
i) wall ii) X-ray film iii) plain glass iv) clear water
3. are small plants with soft green stems.
i) trees ii) herbs iii) shrubs iv) None of the above
4. Motion of a child on a swing is
i) periodic motion ii) rectilinear motion
iii) oscillatory motion iv) non- periodic motion
5. A new-born baby has bones.
i) 205 ii) 206 iii) 300 iv) 306

State whether the following statements are true or false.

1X5 =5

6. A balanced diet gives us all nutrients.
7. Motion in a straight line is called rectilinear motion.
8. The cartilage is harder than bones.
9. Evaporation is the process used to separate smaller and bigger substances.
10. Stone is transparent, while glass is opaque

Fill up the blanks.

1X5 =5

11. Occurs due to lack of vitamin D.
12. Grapevine is an example of
13. Leaves release water vapour into the air through..... process.
14. is an example of translucent material.
15. The bones at the elbow are joined by a..... joint.

Answer the following questions in full sentence.

1X5 =5

16. Define lustre.
17. Why can a pace or a footstep not be used as a standard unit of length?
18. Draw a leaf structure and label it.
19. Where is ball and socket joint found?
20. One of your friends is suffering from bad eyesight, which nutrient or vitamin would you recommend your friend so that he can overcome the problem?

GROUP - B

Answer the following questions.

2x9 =18

21. Why is tumbler not made with a piece of cloth
22. Draw human skull and rib cage with labelling.
23. What is oscillatory motion? Give example.
24. What are deficiency disease? Give example.
25. What are joints? How many types of joints are there?
26. Write the importance of separation of substances.
27. Define leaf venation. Draw each type of venation.
28. What is Decantation ?
29. **Write** two main differences between periodic and non-periodic motion.

Answer the following questions.

3X9 =27

30. How is a bird's body adapted for flying?
31. What are the precautions to be observed while taking the measure of length?
32. Compare between threshing and winnowing.
33. Demonstrate the process of filtration with proper labelling.
34. Explain how salt is obtained from sea water.
35. Compare between taproots and fibrous roots.
36. Draw a labelled diagram of human Backbone.
37. What is classification? Why do we need to classify things?
38. Write the source, function and deficiency diseases of iron.

Answer the following questions.

5X3 =15

39. Draw a labelled diagram of a complete flower with all reproductive parts. Write the functions of flowers. **(3+2=5)**
40. What are the main parts of our skeletal system? Write the functions of it. **(2+3=5)**
41. How can you separate the mixture of sand & Water? Draw the process with labelling. List four items that float on oil and water. **(3+2=5)**