

KENDRIYA VIDYALAYA SANGATHAN, TINSUKIA REGION
SESSION ENDING EXAMINATION (2018-19)
CLASS VIII
SCIENCE

Max. Marks : 80

Time Duration : 2 Hrs 30 min.

General Instructions:

- i. The question paper comprises of 4 sections A, B, C and D.
- ii. All questions are **compulsory**.
- iii. Question no. 1 to 10 in **section A** are **1** mark questions.
- iv. Question no. 11 to 19 in **section B** are **2** marks questions.
- v. Question no. 20 to 28 in **section C** are **3** marks questions.
- vi. Question no. 29 to 33 in **section D** are **5** marks questions.

SECTION-A

MULTIPLE CHOICE QUESTIONS

(1 x 5 = 5)

Q1. Loudness of sound depends on

- a) Amplitude b) frequency c) time period d) none of these

Q2. An electrolyte is

- a) A metal b) a non metal c) a solution d) a liquid that conducts electricity

Q3. An INSAT picture shows a circular mass of clouds that will indicate a/an

- (a) cyclone (b) tsunami (c) forest fire (d) earthquake

Q4. Meteors which reach on the earth without getting completely burnt are called

- a) Comet b) meteorites c) asteroids d) satellite

Q5. Lack of which vitamin causes night blindness.

- a) Vitamin A b) Vitamin B c) Vitamin C d) Vitamin D

Fill in the blanks

(1 x 5 = 5)

Q6. The process of conversion of sugar into alcohol is called _____.

Q7. Melting point of most of the metals is _____ than non-metals.

Q8. The _____ is the control centre of the cell.

Q9. Force acting on per unit area is called _____.

Q10. The force which opposes the motion of a body is _____.

SECTION-B

(2 x 9 = 18)

- Q11. What are the major groups of microorganisms?
- Q12. Why is phosphorous stored in water?
- Q13. What are lubricants? Mention its importance.
- Q14. What are ultrasonic vibrations? How is it important?
- Q15. What are the laws of reflection?
- Q16. Give any two uses of an artificial satellite?
- Q17. Differentiate between force and gravity.
- Q18. What is a lightning conductor?
- Q19. Is distilled water a good conductor of electricity? How can you make it a conducting solution?

SECTION-C

(3 x 9 = 27)

- Q20. How are microorganisms useful for our lives? Write any three points.
- Q21. What is a displacement reaction? Why iron can displace copper from its salt solution but copper cannot displace iron from its salt solution. Explain.
- Q22. Describe the causes and effect of increase in carbon dioxide in the atmosphere.
- Q23. Differentiate between biodegradable and non-biodegradable substances.
- Q24. Arrange the following metals in order of increasing reactivity:
Cu, K, Fe, Ag, Ca, Na, Zn, Au
- Q25. Why do vehicle tyres have treads (grooves) on them?
- Q26. Why are the walls of a dam thickened near the base?
- Q27. How is sound produced in humans?
- Q28. What is fermentation? Who discovered it? Give one use of fermentation.

SECTION-D

(5 x 5 = 25)

- Q29. When two bodies are charged by rubbing them together they acquire equal and opposite charge. Explain.
- Q30.. Make a sketch of plant cell ? State any three differences between them.

Q31. Draw a labeled sketch of the human eye. Write any two ways to take care of your eyes.

Q32. Match the following:

<u>Column A</u>	<u>Column B</u>
1. Chromium	(i) Electrode
2. Pure water	(ii) Conductor of electricity
3. Plastic	(iii) Electroplating
4. Tap water	(iv) Insulator
5. Metal rod	(v) Non-conductor of electricity

Q33. What is constellation? Name any two constellations. Draw sketches to show the position of prominent stars in a) Ursa Major and b) Orion .
