

SUMMATIVE ASSESSMENT – THIRD TERM**SCIENCE****Max. Marks: 100****Std - VIII****Time: 2.30 Hrs**

Name of the School: _____	Name of the Student: _____
Place: _____	Roll No.: _____

I. Choose the best answer: **$15 \times 1 = 15$**

1. Sound waves travel very fast in _____
a. air b. metals c. vacuum d. liquids
2. The south pole of a bar magnet and the north pole of a U-shaped magnet will _____
a. attract each other b. repel each other
c. neither attract nor repel each other d. none of the above
3. MRI stands for _____
a. Magnetic Resonance Imaging b. Magnetic Running Image
c. Magnetic Radio Imaging d. Magnetic Radar Imaging
4. Cryogenic fuels are stored at _____
a. room temperature b. low temperature
c. very low temperature d. very high temperature
5. The gas collected at the cathode on electrolysis of water is _____
a. oxygen b. hydrogen c. nitrogen d. carbon dioxide
6. In acidic solutions blue litmus changes into _____ colour.
a. blue b. green c. red d. white
7. Acid mixed with base forms _____
a. salt and water b. salt c. water d. no reaction
8. The main component of natural gas is _____
a. methane b. ethane c. propane d. butane
9. The method in which water flows over the soil surface and is allowed to infiltrate is _____
a. irrigation b. surface irrigation
c. sprinkler irrigation d. drip irrigation
10. The plants found in a particular area are known as _____
a. fauna b. flora c. endemic d. rare

11. Wildlife Protection Act was implemented in _____
a. 1986 b. 1972 c. 1973 d. 1971

12. Deforestation means _____
a. cleaning of forests b. to grow plants
c. to look after plants d. none of these

13. In-situ conservation is _____
a. off site conservation b. on site conservation
c. both a and b d. none of these

14. This keyboard shortcut is used to cut the selected text _____
a. Ctrl+C b. Ctrl+V c. Ctrl+X d. Ctrl+A

15. How many types of page orientation are there in Libre Office Writer?
a. 1 b. 2 c. 3 d. 4

II. Fill in the blanks:

$10 \times 1 = 10$

16. The vibrations of a simple pendulum are also known as _____.

17. _____ are used to lift heavy iron pieces.

18. Our sun belongs to the _____ galaxy.

19. The density of water is maximum at _____.

20. Chemical formula of calcium oxide is _____.

21. _____ is a plant growing in a place where it is not wanted.

22. Several popular high yielding varieties of major crops have been developed by _____.

23. WWF stands for _____.

24. Red Data Book is maintained by _____.

25. _____ is observed as 'World Wildlife Day'.

III. Match the following:

$8 \times 1 = 8$

26. Cobalt	- petrol
27. Bismuth	- Gujarat
28. Mangalyaan	- first stage coal
29. Octane rating	- Tamilnadu
30. Peat	- Ferromagnetic material
31. Gir National Park	- Madhya Pradesh
32. Indira Gandhi National Park	- Mars
33. Kanha National Park	- Diamagnetic material

IV. Answer any 13 questions:

$13 \times 2 = 26$

34. What is an ultrasonic sound?

35. Define magnetism.

36. What are magnetic materials? Give examples.

37. What are celestial objects?
38. What is a constellation? Give two examples.
39. What is MOM?
40. State true or false.
 - i) Acids are corrosive in nature.
 - ii) Hibiscus flower is an example of a natural indicator.
41. Define latent heat of fusion.
42. What is an indicator?
43. What do you mean by catenation?
44. Identify the gas known as syngas. Why is it so called?
45. Define ploughing
46. What is crop rotation?
47. What is global warming?
48. What is IUCN?
49. What is the use of text document software?

V. Answer any 5 questions: $5 \times 4 = 20$

50. What are the symptoms of hearing loss? How does hearing loss happen?
51. Distinguish between natural and artificial magnets with examples.
52. What were the objectives of Chandrayaan-1?
53. State the importance of dissolved oxygen and carbon dioxide in water.
54. Write any four physical properties of bases.
55. Distinguish between octane number and cetane number.
56. What is a bioindicator? How does it help human beings?
57. Write the advantages of the Red Data Book.

VI. Answer in detail: $3 \times 7 = 21$

58. Write any four differences between the characteristics of dia, para and ferro magnetic materials.

(or)

Explain the parts of a rocket.

59. Explain neutralization reactions in our daily life.

(or)

Explain the different types of coal.

60. What is a weed? Explain the different methods of weed control.

(or)

What is deforestation? Explain the causes and effects of deforestation.