



Standard 8

SCIENCE

Time: 1.30 Hours

Marks: 50

10×1=10

I. Choose the most appropriate answer.

- 1) A magnet attracts
 - a) wooden materials
 - b) any metal
 - c) copper
 - d) iron and steel
- 2) A compass is used for
 - a) plotting magnetic lines
 - b) detection of magnetic lines
 - c) navigation
 - d) All of these
- 3) Which of the following is the working principle of Rockets?
 - a) Newton's first law
 - b) Newton's second law
 - c) Newton's third law
 - d) All the above
- 4) is called as Red planet.
 - a) Mercury
 - b) Venus
 - c) Earth
 - d) Mars
- 5) The unit of calorific value of fuel is
 - a) KJmol^{-1}
 - b) KJg^{-1}
 - c) KJkg^{-1}
 - d) Jkg^{-1}
- 6) The chemical mixed with LPG that helps in the detection of its leakage is
 - a) methanol
 - b) ethanol
 - c) camphor
 - d) mercapton
- 7) The process of placing seeds in the soil is called as
 - a) ploughing
 - b) sowing
 - c) crop production
 - d) crop rotation
- 8) Which of the following is not present in Panchagavya?
 - a) Cow dung
 - b) Cow's urine
 - c) Curd
 - d) Sugar
- 9) The Red Data Book gives a list of
 - a) endemic species
 - b) extinct species
 - c) natural species
 - d) None of these
- 10) Wildlife Protection Act was implemented in
 - a) 1986
 - b) 1972
 - c) 1973
 - d) 1971

II. Fill in the blanks.

5×1=5

- 11) A magnet has magnetic poles.
- 12) was the first man to walk on the surface of the moon
- 13) Heating coal in the absence of air is called
- 14) centers serve as the ultimate link between ICAR and farmers
- 15) WWF stands for

III. Consider the statements of given below and choose the correct option. 2×1=2

- 16) **Assertion** : Iron filings are concentrated more at the magnetic poles
Reason : The magnets are so sharp
- 17) **Assertion** : The earth's magnetic field is due to iron present in its core.
Reason : At a high temperature a magnet loses its magnetic property or magnetism
 - a) Both assertion and reason are true and reason is the correct explanation of assertion
 - b) Both assertion and reason are true, but reason is not the correct explanation of assertion.
 - c) Assertion is true, but reason is false
 - d) Assertion is false, but reason is true.

kindly send me your key Answers to our email id - padasalai.net@gmail.com

IV. Say true or false. If false correct the statement.**2×1=2**

- 18) Chandrayan -1 was launched from Sriharikota.
19) PSLV and GSLV are India's popular satellites.

V. Match the following**5×1=5**

- | | | |
|---------------------------------|---|----------------|
| 20) Gir National Park | - | Madhya Pradesh |
| 21) Sundarabans National Park | - | Uttara Khand |
| 22) Indira Gandhi National Park | - | West Bengal |
| 23) Corbett National Park | - | Gujarat |
| 24) Karba National Park | - | Tamil Nadu |

VI. Answer any 8 questions shortly.**8×2=16**

- 25) Define magnetic field
26) Distinguish between natural and artificial magnets?
27) Define galaxy.
28) Name the Indians worked at NASA
29) What do you mean by catenation?
30) Explain CNG. List out its uses
31) Name the places in TamilNadu harnessing wind energy from wind mills.
32) Define ploughing.
33) What do you mean by weeding?
34) What is crop rotation?
35) What is green manure?
36) What is global warming?

VII. Answer any 2 questions briefly.**2×5=10**

- 37) List out the uses of magnets.
38) What are the achievements of Chandrayaan - 1?
39) Explain the different types of fuel gases.
40) Explain the agricultural practies.
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