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**Standard 8**  
**SCIENCE**

Time: 1.30 Hrs.

Marks: 50

**I. Choose the most appropriate answer:****10×1=10**

- 1) MRI stands for \_\_\_\_\_.  
a) Magnetic Resonance Imaging      b) Magnetic Running Image  
c) Magnetic Radio Imaging      d) Magnetic Radar Imaging
- 2) A magnet attracts \_\_\_\_\_.  
a) wooden materials      b) any metal  
c) copper      d) iron and steel
- 3) Chandrayaan - I was launched in  
a) 22<sup>nd</sup> October 2008      b) 8<sup>th</sup> November 2008  
c) 22<sup>nd</sup> July 2019      d) 22<sup>nd</sup> October 2019
- 4) 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 of the above
- 5) \_\_\_\_\_ is the coal of superior quality.  
a) Peat      b) Lignite      c) Bitumious      d) Anthracite
- 6) The chemical mixed with LPG that helps in the detection of its leakage is \_\_\_\_\_.  
a) methanol      b) ethanol      c) camphor      d) mercapton
- 7) Organism that control insects and pests of plant crops is \_\_\_\_\_.  
a) bio-pesticides      b) bio-fertilizers  
c) earthworms      d) neem leaves
- 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) Magnets are used in \_\_\_\_\_ for generating electricity.
- 12) \_\_\_\_\_ is the first man to walk on the surface of the moon.
- 13) An example for fossil fuel is \_\_\_\_\_.
- 14) The chemicals used for killing the weeds or inhibiting their growth are called as \_\_\_\_\_.
- 15) Red Data Book is maintained by \_\_\_\_\_.

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**III. Match it:****4×1=4**

- |                           |   |                        |
|---------------------------|---|------------------------|
| 16) Magnetite             | - | Magnetic lines         |
| 17) A tiny pivoted magnet | - | Natural magnet         |
| 18) Cobalt                | - | Compass box            |
| 19) Closed curves         | - | Ferromagnetic material |

**IV. State True or False. If false, correct the statement:****5×1=5**

- 20) Mars is the smallest planet in the solar system.
- 21) PSLV and GSLV are India's popular satellites.
- 22) Propane is used in LPG cylinders.
- 23) WWF stands for World Wildlife Fund.
- 24) World Wildlife Day is observed on March 3<sup>rd</sup> every year.

**V. Answer any 8 questions shortly:****8×2=16**

- 25) Define Magnetic field.
- 26) Distinguish between natural and artificial magnets.
- 27) List out the objectives of Mangalyaan.
- 28) Name the Indians worked at NASA.
- 29) Expand CNG. List out its uses.
- 30) Anthracite is known as the highest grade coal. Give reason.
- 31) Name the places in Tamilnadu harvesting wind energy from wind mills.
- 32) What is bio-indicator? How does it help human beings?
- 33) What is crop rotation?
- 34) What is global warming?
- 35) What is tissue culture?
- 36) Name any four wildlife sanctuaries in TamilNadu.

**VI. Answer any 2 questions in detail:****2×5=10**

- 37) List out the uses of magnets.
  - 38) Explain the different types of coal.
  - 39) Give a detailed account on irrigation.
  - 40) What is deforestation? Explain the causes and effects of deforestation.
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