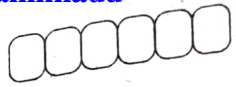


Ts8S

Tenkasi District Common Examinations  
Common Third Mid Term Test - February 2023



21.02.2023

**Standard 8**  
**SCIENCE**  
**PART - I**

Time: 1.30 Hours

Marks: 50  
5×1=5

**I. Choose the best answer.**

- 1) One of the following is an example for a permanent magnet  
a) Electromagnet  
b) Mumetal  
c) Softiron  
d) Neodymium
- 2) Mangalyaan was sent to .....  
a) Moon  
b) Mars  
c) Venus  
d) mercury
- 3) Which is known as syn gas?  
a) Marsh gas  
b) Water gas  
c) Producer gas  
d) Coal gas
- 4) Organism that control insects and pests of plant crops is  
a) bio - pesticides  
b) bio - fertilizers  
c) earthworms  
d) neem leaves
- 5) Which of the following is not present in panchagavya?  
a) Cow dung  
b) Cow's urine  
c) Curd  
d) Sugar

**II. Fill in the blanks.**

3×1=3

- 6) A freely suspended bar magnet is always pointing along the ..... north - south direction
- 7) Heating coal in the absence of air is called .....
- 8) The chemicals used for killing the weeds or inhibiting their growth are called as .....

**III. Say true or false. If false correct the statement.**

2×1=2

- 9) The propellant of a rocket is only in the form of solids.
- 10) The sun and the celestial bodies form solar system.

**IV. Answer any five questions.**

5×2=10

- 11) Define magnetic field.
- 12) Though Earth is acting as a huge bar magnet it is not attracting other ferromagnetic materials, why? Give reasons.
- 13) What are cryogenic fuels?
- 14) Expand CNG. List out its uses.

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15) Match the following

- |                   |   |                        |
|-------------------|---|------------------------|
| Bio - pesticide   | - | Neem leaves            |
| Bio - Predators   | - | Bacillus thuringiensis |
| Bio - fertilizers | - | Control white flies    |
| Bio - indicators  | - | improve soil fertility |
| Bio - repellants  | - | Quality of environment |

16) Name the methods of souring.

V. Answer any four of the following.

4x4=16

- 17) Distinguish between natural and artificial magnets?  
18) List out the objectives of mangalyaan.  
19) Give reason  
a) Anthracite is known as the highest grade coal  
b) Solar energy is a non depleting energy.  
20) a) What is crop rotation?  
b) What is green manure?  
21) List out the uses of magnets.

SIVAKUMAR, M,  
Sri Ram Mataric HSS,  
Vallam-627809  
Tenkasi BSH, 2x7=14

VI. Answer all the questions in detail.

22) a) How will you convert a nail into a temporary magnet?

(OR)

b) Explain the different types of coal.

23) a) What are the achievements of chandrayaan - 1?

(OR)

b) What is weed? Explain the different methods of weed control.

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