

I. Choose the correct answer:

- An object that is attracted by magnet \_\_\_\_\_.  
a. Wooden piece    b. Plain pins  
c. Eraser            d. A piece of paper
- A freely suspended magnet always comes to rest in \_\_\_\_\_ direction.  
a. North-east        b. South – west  
c. East – west        d. North - South
- \_\_\_\_\_ is not a magnetic material.  
a. Glass    b. Iron nail            c. Cobalt    d. Nickel
- The end of the magnet that points to the North is \_\_\_\_\_ pole.  
a. South    b. East            c. West        d. North
- About 97% of water available on earth is \_\_\_\_\_ water.  
a. fresh    b. pure            c. salty        d. polluted
- About 30% of the fresh water is found in \_\_\_\_\_.  
a. glaciers    b. ground water    c. other sources of water    d. 0.3%
- Which of the following is not a part of water cycle?  
a. Evaporation    b. Condensation    c. Rain        d. Distillation
- Water is found as \_\_\_\_\_ in glaciers.  
a. liquid    b. gas            c. ice            d. vapour
- Which of the following processes add water vapour to the atmosphere?  
i. Transpiration    ii. Precipitation  
iii. Condensation    iv. Evaporation  
a. ii and iii    b. ii and iv    c. i and iv    d. i and ii

II. Fill in the blanks: 9x1=9

- The process of changing water into its vapour called \_\_\_\_\_
- \_\_\_\_\_ is the built on rivers to regulate water flow and distribute water.
- Water cycle is also called \_\_\_\_\_.
- The \_\_\_\_\_ causes evaporation during daytime.
- Water levels in rivers increase greatly during \_\_\_\_\_.
- Paper is not a \_\_\_\_\_ material.
- A magnet always has \_\_\_\_\_ poles.
- The materials which are attracted towards the magnet are called \_\_\_\_\_.
- In olden days, the sailors used to find the direction by suspending a piece of \_\_\_\_\_.

III. Write True or False: 9x1=9

- A cylindrical magnet has one pole.
- A compass can be used to find east-west direction at any place.

- Rubber is a magnetic material.
- Electromagnets are used in escalator.
- Condensation results in the formation of dew on glass.
- Sea water can be used for irrigation as such.
- Sewage should not be disposed in rivers or oceans.
- Water present in rivers, lakes and ponds is unfit for use by human beings.
- Seas are formed when the water table meets the land surface

IV. Match the following: 10x1=10

- |                    |   |                           |
|--------------------|---|---------------------------|
| 28. Attraction     | - | like poles                |
| 29. Repulsion      | - | Lakes                     |
| 30. Compass        | - | Pole                      |
| 31. Magnetic poles | - | Increased rainfall        |
| 32. Plastic        | - | Magnetic needle           |
| 33. Flood          | - | tube wells                |
| 34. Cloud          | - | maximum magnetic strength |
| 35. Frozen water   | - | Non magnetic material     |
| 36. Ground water   | - | Water Vapour              |
| 37. Surface water  | - | opposite poles            |

V. Answer any six in short: 6x3=18

- List some advantages of electromagnetic train.
- Pick the odd one out and give reason.
- Differentiate between magnetic and non magnetic substance.
- Why is it advised to keep magnets away from mobiles, television and computer and CD's?
- How is water classified based on salinity?
- How do aquatic animals manage to live in Arctic and Antarctic circle?
- What are the main reasons for water scarcity?
- Sea water, polar ice caps lakes, rivers. Pick the odd one and give reason.

VI. Answer any two in detail: 2x5=10

- Explain water cycle.
- How can water management be done to conserve water?
- How does the electromagnetic train work?

VII. Diagram: 2x4=8

- Water cycle
- Magnetic compass

VIII. Hots: 1x2=2

- Write few slogans of your own on the topic "Save water".