

**ANNUAL EXAMINATION - 2024****9 - STD****SCIENCE**

TIME: 2.30 Hrs

Marks : 75

**I. Choose the correct answer.****12 x 1 = 12**

- Choose the correct one.
  - $mm < cm < m < km$
  - $mm > cm > m > km$
  - $km < m < cm < mm$
  - $mm > m > cm > km$
- Electroplating is an example for .....
  - heating effect
  - chemical effect
  - flowing effect
  - magnetic effect
- Transformers work on
  - AC only
  - DC only
  - Both AC and DC
- The sound waves travel faster .....
  - in liquids
  - in gases
  - in solids
  - in vacuum
- The term nucleons refer to
  - protons and electrons
  - only neutrons
  - electron and neutrons
  - protons and neutrons
- Number of valence electrons in Carbon is.....
  - 2
  - 4
  - 3
  - 5
- Buckminsterfullerene contains ..... carbon atoms.
  - 30
  - 40
  - 50
  - 60
- Which of the following does not contain natural dyes?
  - Potato
  - Beetroot
  - Carrot
  - Turmeric
- The animal without skull is .....
  - Acrania
  - Acephalia
  - Apteria
  - Acoelomate
- Aerenchyma is found in .....
  - epiphytes
  - hydrophytes
  - halophytes
  - Xerophytes
- The organ affected by Jaundice is .....
  - liver
  - lungs
  - kidney
  - brain
- The production and management of fish is called.....
  - pisciculture
  - sericulture
  - Aquaculture
  - monoculture

**II. Answer any 7 of the following questions. Q.No. 22 is compulsory.****7 x 2 = 14**

- What is meant by magnification? Write its expression.
- What is meant by supersonic speed?
- State Modern periodic law.
- Fill in the blanks : a) Alcohol can be separated from water by .....  
b) ..... isotope is used in the nuclear reactors.
- Sulphuric acid is called King of Chemicals? Why is it called so?
- Mention the difference between Stomatal and lenticular transpiration.
- Match the following :
 

Skin	-	Urine
Lungs	-	Sweat
Intestine	-	Carbon dioxide
Kidneys	-	Undigested food

