

KOMARASAMY GOUNDER MAT.HR.SEC.SCHOOL – KURUMANDURQUARTERLY EXAMINATIONVII – STANDARDTIME : 2.30 HOURSSCIENCEMARKS : 60PART – AI. Choose the correct answer :5 x 1 = 5

- Which technology uses pixels to create pictures
a) Vector b) Raster c) both d) None
- The first aid is to
a) To save money b) To prevent scars
c) To prevent the medical care d) To relieve the pain
- _____ Nucleons comprises of
a) Protons and electrons b) Neutrons and electrons
c) Protons and neutrons d) Neutrons and Positron
- Sleep is not only good for body, but it is also good for
a) Enjoyment b) Relaxation c) Mind d) Environment
- Suppose a boy is enjoying a ride on a merry go round which is moving with a constant speed of 10 m/s. It implies that the boy is.
a) at rest b) moving with no acceleration
c) in accelerated motion d) moving with uniform velocity

PART – BII. Fill in the blanks :5 x 1 = 5

- One Nanometer is equal to
- One cubic metre is equal to cubic centimetre.
- Breathing roots are seen in plants.
- Tuberculosis is caused by the bacterium
- If the valency of carbon is 4 and that of hydrogen is 1, then the molecular formula of methane is

PART – CIII. State true or false . If false , correct the statement.5 x 1 = 5

- The nucleus is surrounded by protons.
- Ginger is an underground root.
- Chicken pox also known as Leucoderma.
- The SI unit of density is kg/m³.
- A molecule is made up of two or more atoms chemically combined.

PART – D

IV. Match the following :

5 x 1 = 5

16.

1. Hepatitis - a) Opuntia
 2. Vector - b) Yellow urine
 3. Phylloclade - c) Metre
 4. Displacement - d) Spore
 5. Fern - e) Illustrator

PART - E**V. Answer any 'Ten' questions :**

10 x 2 = 20

17. Why neutrons called neutral particles?
 18. Define - pollination.
 19. Sobi frequently playing with her mobile, suggest your ideas to protect his eye from irritation?
 20. Write notes on 2D and 3D pictures.
 21. What will happen if pollen grain of rose gets deposited on stigma of lily flower? Will pollen germination takes place? Why?
 22. write the symptoms of Tuberculosis.
 23. Write any four types of vector Graphics files.
 24. What are the isotones give one example.
 25. Calculate the atomicity of H_2SO_4 .
 26. a) What is the expansion of IUPAC.
 b) What is the Latin name of Sodium?
 27. Calculate the velocity of a car travelling with a uniform velocity covering 100 m distance in 4 seconds.
 28. The dimension of a school playground is 800 m x 500 m. Find the area of the ground.

PART - F**VI. Answer any four of the following :**

4 x 5 = 20

29. a) A piece of iron weighs 230 g and has a volume of 20 cm³. Find the density of iron.
 Solution:
 b) Distinguish between speed and velocity.
 30. Write the differences between distance and displacement
 31. Define the following terms with an example of each:
 a. Element b. Compound c. Metal d. Non-metal
 e. Metalloid
 32. The atomic number and the mass number of an element is 26 and 56 respectively. Calculate the number of electrons, protons and neutrons in its atom. Draw the structure.

33. Write a brief account on pollination.

34. Write about any three communicable diseases in details.

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