

மாதிரி வினாத்தாள் 2
Model Question Paper 2 - T2
6th Standard

Science

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

Time : 01:35:00 Hrs

Total Marks : 46

Part-A

5 x 1 = 5

- 1) Carry me seed (Keezhanelli) cures _____
(a) Jaundice (b) Anaemia
- 2) Pepper cures _____
(a) Stomach ache (b) Throat infection
- 3) _____ are used in the preparation of cosmetics.
(a) Flowers (b) Herbs
- 4) _____ used as gemicide and cosmetic.
(a) Turmeric (b) Neem
- 5) _____ State is known as Garden of Spices of India.
(a) Kerala (b) Tamilnadu

Part-B

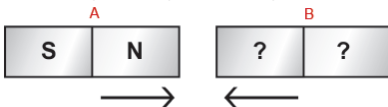
6 x 1 = 6

- 6) One quintal = _____ kilogram
- 7) One minute = _____ second
- 8) The mass of gold is measured by the unit _____
(gram/metre)
- 9) Rice, sugar etc are measured by the unit _____
(milligram/kilogram)
- 10) Generally sugarcane is weighed by the unit _____ (tonne/gram)
- 11) The mass of the chemicals present in a tablet are expressed in the
unit _____ (milligram/kilogram)

Part-C

13 x 1 = 13

- 12) Tsunami
- 13) Swinging
- 14) Occurrence of New Moon and Full Moon
- 15) Melting of wax
- 16) Arrange the following units in ascending order.
year, second, month, microsecond, hour, minute, week, millisecond.
- 17) Circle the odd ones and give reasons.
Bar magnet, magnetite, ring magnet, horse- shoe magnet
- 18) Circle the odd ones and give reasons.
Iron nail, pins, rubber tube, needle
- 19) Circle the odd ones and give reasons.
Lift, escalator, electromagnetic train, electric bulb
- 20) Circle the odd ones and give reasons.
Attraction, repulsion, pointing direction, illumination
- 21) You are provided with a bar magnet without labelling the poles of the magnet and iron filings. Using this.
 - a) How will you identify the poles of the magnet?
 - b) Which part of the bar magnet attracts more iron filings? Why?
- 22) You are provided with an iron needle. How will you magnetize it ?
- 23) Two bar magnets are given in the figure A and B. By the property of attraction, identify the North pole and the South pole in the bar magnet (B).



- 24) Take a glass of water with a few pins inside. How will you take out the pins without dipping your hands into water?

Part-D

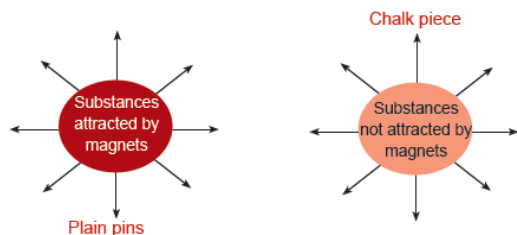
13 x 2 = 26

- 25) What are nutrients?
- 26) Mention the different kinds of nutrients and their functions.
- 27) Why do a few plants feed on insects?
- 28) What kind of food should be taken to prevent night blindness?

- 29) What is a balanced diet?
- 30) Give five examples for desirable and undesirable changes.
- 31) What type of change is an earthquake? Why?
- 32) What is meant by slow change?
- 33) What is an irreversible change? Give example.
- 34) Differentiate the following
 - a. Exothermic and Endothermic change
 - b. Periodic and Non-periodic change
- 35) Ravi took 90 minutes to draw a picture. Kumar took 1 hour to draw the same picture. Who took more time to draw? How much more time did he take?
- 36) Thread and metre scale are provided to you, using them try to measure the length of the given curved line AB.



- 37) Write down the names of substances.



Part-E

- 38) Define measurement and unit.
- 39) What is the significance of standard units?
- 40) What are fundamental quantities? Why are they called so?
- 41) What are the SI units of length, mass, and time? Mention their symbols.
- 42) Expand the following
 - (i) FPS (ii) CGS (iii) MKS (iv) SI
- 43) What are artificial magnets? Draw some artificial magnets and name them and label the poles.
- 44) Explain the attraction and repulsion between magnetic poles.
- 45) Write the properties of magnets that you know.
- 46) When does a magnet lose its magnetic property?
