## THE REAL PRIVATE TEACHER GUIDES SPECIAL Mock Trial - II- 2023 INTEGRATED SCIENCE

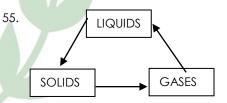
- Brightly coloured petals
- 2. To take in oxygen.
- 3. In the neck.
- 4. To avoid diseases/ Keeping healthy/ For proper growth.
- 5. Shortage of oxygen supply to the brain.
- Free range system.
- 8.  $D = \underline{M} = \underline{\mathscr{B}^1 \text{ gm}}$   $V \quad \mathscr{D}^2 \text{ cm}$
- 9. White blood cells
- 10. To reduce the rate of transpiration.
- 11. Compound trifoliate leaf.
- 12. Soil erosion
- 13. In the ileum
- East cost fever/ heat water/ Red water.
- It is for proper disposal of dice or rubbish.
- Grooming nails destroys the breeding places of germs, hence controlling diseases.
- 17. By vibration of the skin.
- 18. 5 months
- 19. Pinna / outer ear
- 20. To allow free circulation of air in the house.
- 21. Convection
- 22. By means of spores.
- 23. Bush burning leaves the soil bare, exposing it to erosion agents.
- 24.  $V = L \times W \times h$ 
  - = 3cm x 2cm x 4cm
  - $= 24 cm^3$
- 25. To avoid electric shocks.
- 26. It helps to put off fire at school in case of the outbreak.
- 27. Gaseous state
- 28. They help to pick iron metals from the body after surgical operation.
- 29. Extensive system / Intensive system.
- They help in food formation./ in propagation./ in transpiration.
- 31. A rake helps in collecting rubbish while a spade helps to collect manure.
- 32. Epigeal germination.

33. A magnet is any substance that attracts magnetic materials.

34. K

- 35. Effor
- 36. The skull protects the brain.
- 37. sorghum
- 38. cotyledon
- 39. To avoid skin diseases.
- 40. Loam soil/ sand soil/ clay soil
- 41.a). Smoking is the regular or frequent use of tobacco.
  - b). To pass time/ To fit in a peer group/ To confident/ To feel warm
  - c). lungs
- 42.(a).By terracing land./ By planting trees./ By planting short grass in the compound./ By crop rotation.
  - b). fast flowing water/wind/moving animals.
- 43.a). bulb
  - (b). Part **R** will produce light.
  - (c). Due to proper arrangement of batteries.
  - (d). It melts and breaks the circuit.
- 44.a).Bees live, move and work together.
  - b). solitary insects.
  - c). To get money after selling honey.
- 45.a). First aid is the immediate help to a casualty before being taken to the hospital.
  - b). to save life/ to promote recovery/ to prevent further injuries.
  - c). A stretcher helps to carry casualties who are unable to walk.
- 46. (a) (i) lungs (ii) kidneys
  - (b) i). They carry oxygen around the body.
  - ii) They help in blood clotting.
- 47. (a)a snail
  - (b) hearing/ feeling/ detecting enemies
  - c) fresh water
- 48.a). Shearing is the removal of wool from the sheep.
  - (b) Pneumonia
  - (c) mutton/wool/manure
- 49.a). Sugar and salt dissolved in water.

- (b) a solution
- (c).i) It is a solution which cannot dissolve any solutes when stirred.
- (ii). It is a solution which cannot any solutes even when heated.
- 50.a).(i) by ligaments (ii). by tendons
  - b). synovial fluid/ cartilage
  - c). at the knee/ at the elbow
- 51.(a) Lateral bod/axillary bod
  - (b) For propagation
  - (c). Tuber crops
  - (d). cassava/ sweet potatoes/ carrots
- 52.a). Displacement method
  - (b). string/thread
  - c).  $V = 2^{nd} |eve| 1^{st} |eve|$ 
    - = 40cc 20cc
    - = 20 cc
- 53.a). Drug prescription is health workers written advice on how to use a drug.
  - b). Drugs may be expired/ Drugs may be contaminated/ Drugs may not be properly prescribed.
  - c). It reduces deforestation rate.
- 54.a).Polio disease
  - (b)measles/ diphtheria/ tuber culosis/ whooping cough/ tetanus/ typhoid/ hepatitis B/ yellow fever/ cholera



- Water as a liquid by evaporation it changes to a gas, and water in the gaseous state changes to a liquid by condensation.
- Water changes to a solid by freezing and again changes to liquid by melting.