

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

1. Culex/ female culex mosquito
2. Helps in rain formation
3. Total health for all/ All must participate./ Services must be available.
4. It feeds on vegetation/ grass/ plants.
5. By putting rat guards.
6. Being faithful to each other.
7. Androecium/ stamen
8. It produces pollen grains.
9. To keep the broken bone in position.
10. Shoot system
11. Clay soil
12. Help to determine time/ direction/ provide shade.
13. Insulation
14. By injection
15. Curtain wall
16. chemical
17. To destroy hiding places for snakes/ rats/ termites/ promotes sanitation.
18. Canine teeth
19. To tear flesh
20. By shearing
21. iron
22. Oral Rehydration Solution.
23. Still birth/ premature birth/ under weight birth.
24. It prevents corona virus from entering the nose.
25. Drought/ work type coffee.
26. It delays the next pregnancy.
27. They get carbon dioxide or manure.
28. Hum
29. It starts food for the growing embryo.
30. Circulatory system.
31. External fertilization.
32. Object are pulled down.
33. It helps yeast to multiply/ reproduce.
34. Enzymes
35. It is filtered/ warmed/ moistened
36. Drug prescription.
37. It prevents over dose/ under dose/ drug poisoning/ drug misuse
38. 30 days/ a month
39. termites live in the soil / get water/ air in the soil.
40. liver
- 41.a). This is the growing of different crops on the same piece of land seasonally.
b). It controls pests / improves soil fertility/ controls soil erosion.
c). It breaks down the life cycle of pests./ starves pests.
- 42.i). mating of closely related animals
ii). mating of different pure animal breeds.
iii). mating of different families of the same breed.
iv). Mating distantly related animals with common ancestors.
- 43.a). **W** = anaemia/ sickle cell (i) **X** = AIDS
(b). (i). They carry oxygen around the body.
(ii). they fight disease germs.
- 44.a) It leads to lung cancer./ bronchitis/ emphysema
b). lung cancer/ asthma
c). (i) It moves down wards/ contracts
(ii) It moves up wards and outwards
- 45.a). small intestines/ ileum
b). Tapeworms feed on digested food.
c). eating well cooked meat/ regular deworming/ eating washed raw fruits.
46. (a) When finding volume of an irregular object.
(b) It is marked/ graduated
c) cubic units
(d). eureka can/ overflow can
47. (a) Fire extinguisher (b) to put out fire
(c) For easy identification
(iv) carbon dioxide
- 48.a). safety pin (b) Taxi/ hospital/ school/ bus/ industries.
(c) To know what to do/ save life.
- 49.a) It helps them to be carried easily by wind.
(b) hooks
(c). They attach them to the animal body.
(d). To enable them colonize new areas/ prevents extinction of plants./ Reduce competition for nutrients and space.
- 50.a) (i) germination (ii). photosynthesis
b). germination/ shedding leaves/ flowering/ fruiting/ reproduction.
c). They help them to grow/ multiply
- 51.(a) sun/ volcanic eruption/ hot spring/ electricity/ fire
(b) it helps to generate solar energy.
(c). It dries crops/ water.
- 52.a). Acary (b). worker/ drone/ queen
c). to repair the hive.
- 53.a) water/ sun/ animals/ soil
b). They can be replaced naturally once used/ can't get finished
c). It reduces deforestation rate.
- 54.(i) Distillation. (b)(i) evaporation
ii. condensation
c) Distillate
- 55.a) (i) Wash hands with clean water and soap.
ii). Measure one litre of clean boiled water.
(ii). Measure one levelled teaspoonful of salt and eight levelled teaspoonful of sugar.
(iv). Stir until the two dissolve.

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