

P.7 PRE-PLE SET XII SCIENCE MARKING GUIDE, 2024

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| <ul style="list-style-type: none"> *1. It spreads diseases to human beings. 2. It leads to the formation of humus which improves soil fertility. 3. There is salivary amylase which acts on carbohydrates /there are alkaline conditions that favour the action of enzymes. 4. Putting scare crows in crop gardens /practicing crop rotation /trapping /spraying /poisoning. 5. Both lay eggs /undergo external fertilisation. 6. Pressure increases with depth. 7. It leads to insufficient blood supply with oxygen to the brain. 8. It allows hatching of very many eggs at a time. 9. Number of babies immunized over a period of time / number of health units in an area /diseases affecting people in an area. 10. Adventitious roots. 11. Roots marked X grow from the nodes those of bean plants grow from the radical of the seed. 12. They have sharp and flat edges / one root. 13. Scurvy. 14. It is cheap /allows animals to make enough physical exercise /enables animals to feed on a balanced diet. 15. They have a small vibrating space. 16. It is painted black: 17. They engulf and kill germs /kill germs using poison. 18. Ash dries faeces /prevent bad smeli from the latrine. 19. It ensures proper selection of seedlings /enables the farmer to care for the seedlings /properly /protects seedlings against harsh weather. 20. Passing of current from the positive terminal to the negative terminal without passing through the appliance. 21. Boiling kills germs in water. 22. Lions obtain food directly from primary consumers. 23. Wind mill. 24. Meningitis. *25. They relax. 26. They work opposing each other /work in pairs /work in opposite way. | <ul style="list-style-type: none"> 27. It enables the fish to escape enemies. 28. A bee keeper uses a swarm catching net for stocking the hive. 29. Keeping flammable substances away from fire /using properly insulated wires during electric installation. 30. Wedges. 31. It makes work easier. 32. Ring worm /athlete's foot. 33. Health services should be available and affordable by all members of the community / health activities should be organised according to priorities /PHC activities involve all members of the community. 34. To prevent anti social behaviours /promote good morals among young people. 35. Raising the hutches off the ground during construction /putting a wire mesh on the rabbit hutch /making the floor slanting towards one side. 36. Water can naturally be replaced when used to meet human needs unlike minerals /water is a renewable resource. 37. It leads to drug misuse /body poisoning /under dose /overdose/ taking wrong medication in relation to the health need. 38. Cross breeding /proper feeding. 39. Ectopic pregnancy. 40. Injection method introduces vaccines directly into the blood stream. 41. (a) These are changes which prepare sexual organs for the function in reproduction.
(b) Menstruation begins /production of ova by ovaries /development of the uterus.
(c) Adolescent girls lose a lot of blood during menstruation. 42. (i) Intercropping — Recycles soil nutrients.
(ii) Bush fallowing — Enables the soil to regain fertility.
(iii) Mulching — Mulches decay and form humus.
(iv)Manuring — Balances nutrient content of the soil. |
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43. (a) For proper disposal of the baby's faecal excreta.
 (b) It has a vent pipe /screen /does not have a lid / does not have doors /has a spiral wall.
 (c) To prevent faeces from contaminating water.
44. (a) Magnetic materials allow magnetism to pass through them unlike non magnetic materials.
 (b) ~~Steel~~ /cobalt /nickel.
 (c) Magnetism passes through non magnetic materials.
45. (a) Cross pollination.
 (b) They are attracted by scent produced by flowers at night.
 (c) Pollination helps plants to reproduce.
 (d) They can easily stick on to the bodies of pollinators.
46. (a) Breathing in /inhalation.
 (b) (i) A — Trachea.
 (ii) C — Diaphragm.
 (c) It is filled with air.
47. (a) Faetal movements are seen /the cow stops going on heat /the udder enlarges /the belly enlarges.
 (b) It prepares a cow for calving /repairs the womb out body cells of a pregnant cow /promotes proper growth of the foetus.
 (c) To prepare it for calving.
48. (a) Primates.
 (b) They have strong curved claws /well developed canine teeth /soft pads on their feet /keep eyes to spot the prey.
 (c) Mammals have constant body temperatures.
49. (a) Balanced diet.
 (b) To provide vitamins in the diet.
 (c) Posho /casava /sweet potatoes /millet.
50. (a) Light can be refracted.
 (b) Blue.
 (c) The sun is at an angle to the refracting surface.
 (d) Difference in density of air and glass.
51. (a) It is used to cook food /heat substances that need to be heated without putting them under direct fire and flame.
 (b) Hydro electricity /geothermal /tidal energy.
52. (a) Biological changes.
 (b) They are irreversible /form new substances /occur in living things.
 (c) They ensure continuity of life.
53. (a) Royal jelly.
 (b) By stinging enemies.
 (c) They make honey /build honey combs / regulate temperatures in the hive /repair the hive.
54. (a) Making oral rehydration solution (ORS).
 (b) (i) P — Sugar.
 (ii) R — Oral rehydration Solution (SSS).
 (c) It prevents the contamination of the solution.
55. (a) It is insoluble in water.
 (b) Suspension.
 (c) (i) Winnowing.
 (ii) Filtration /sieving.

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