

PLE PROPOSED MARKING GUIDE FOR SCIENCE 2023

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1. Molar teeth, Molars
2. Controls crop pests, removes infected weeds
3. Sunshine
4. Helps to remove water from the lungs of the victim
5. Fish have fins for swimming in water, Have gills for breathing in water, Have streamlined bodies to reduce friction in water when swimming.
6. Deworming, Spraying, Castration, Deticking, Numbering
7. Prevents animals from running away, limits movement of the animal
8. Lungs
9. Both feed parasitically, Both feed on already made food, Both feed heterotrophically
10. Traps and kills houseflies that spread diarrhoeal diseases
11. To chew food properly before swallowing
12. Avoiding bad peer groups, Learning more about the dangers of smoking, Joining good groups with good people, Avoiding following seductive advertisements about tobacco
13. Aluminium is lightweight and good conductor of heat, Aluminium does not rust easily, Aluminium is common and cheap



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to buy

14. Soap softens stains in clothes

15. Swamp drainage, Building houses in swamps, Constructing industries in swamps, Growing crops in swamps

NOTE : Deforestation does not lead to flooding

16. Weight loss, Diarrhoea

17. For letting in fresh air.

18. To conserve heat, For the stove to keep heat for a long time

19. Leads to diseases spread, Leads to bad smell in the house, Leads to competition for oxygen between animals and people in the house or Leads to suffocation

20. Discourages deforestation, Biogas does not pollute air

21. Opaque objects obstruct a beam of light, They do not allow a beam of light to pass through them.

22. It is used to make cosmetics, It is used to make shoe polish

23. For future use, To prevent food wastage, To promote food security

24. Gravitation force/ force of gravity, friction force

25. Helps to prevent the spread of droplet infection, Helps to prevent the spread of air borne disease.

26. Having nectar, Having scent

27. Keeping them in cool dry places, Painting them, Cleaning them



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after use

28. Helps the parent to monitor the growth of his/her child, Helps the parent to remember the immunisation schedule of the child.

29. Tension, frequency, size of the vibrating objects, length of the string, thickness or thinness of the vibrating object

30. Teeth, finger nails, hair

31. For fastening things together, for lifting vehicles during repair, Some screws help us to move upstairs easily.

32. To control boredom of the poultry, To keep poultry busy, To enable poultry do physical exercises

33. Food smells badly

34. It attracts the pieces of paper, Pieces of paper are attracted by the plastic pen

35. For producing electrical energy/ for producing electricity

36. A glass is not a conductor of electricity

37. In the wrists, in the ankles

38. Reduces the weight of a plant, Reduces transpiration, Controls pests,

39. Fencing water sources, Sensitising people to ensure proper disposal of wastes, Planting trees around water sources

40. HIV/AIDS destroys white blood cells, Lowers the immunity of a person



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SECTION B

41. a) Changes the colour of the iron sheets, Makes iron sheets weak, Breaks the iron sheets

b) By galvanising the iron sheets, By painting them

42. a) health record

b) rinder pest, foot and mouth disease, East Coast Fever

c) Helps farmers to plan for the farm, Helps the farmer to get loans easily, Helps the farmers to make decisions easily, Helps the farmers to know the expenditures on treatment, Helps the farmers to know the losses and profits

43.a) galley erosion

b) Leads to soil exhaustion/ Leads to loss of soil fertility

c) Deforestation leaves the soil bare exposing it to the agents of soil erosion.

44.a) Axillary bud

b) Planting stem cuttings/ Use of stem cuttings

c) Both part X of the cassava plant and part Y of the irish potato develop into a new plant.

d) For supplying food to the developing bud

45.a) Vulnerable group of people is a group of people who need special care and a balanced diet.

b) elderly, pregnant mother, breast feeding mothers,



convalescent

c) Taking them to the hospital for treatment, Helping them to promote proper personal hygiene, Reminding them to take their medicines

46.a) Measuring cylinder

b) For lowering the irregular objects in water.

c) Moses pours the displaced water in the measuring cylinder.

Moses reads the volume of the displaced water in the measuring cylinder to get the volume of the irregular object.

47.a) Growth of breasts, Growth of hair around the sexual organs, anus and in the armpits, Rounding of the hips, Voice becomes soft, The face looks smooth, tender and attractive, Menstruation starts, ovulation starts, Thickening of the uterus walls, Enlargement of the vagina and the ovaries.

b) By abstaining from sex/ coitus, By avoiding bad peer groups

c) Bathing the reproductive system, Shaving the hair around the sexual organs, Washing the underparts regularly, Abstaining from sex when not married, Using condoms when having sex, Regular cleaning of the latrines before and after use.

48.a) swimming birds

b) i) For swimming in water, For paddling when swimming, Helps a bird to swim in water.

ii) For picking food, For sieving food from water



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c) duck

49.a) i) Helps to prevent malnutrition, prevents deficiency diseases

ii) Promotes good health of the mother after birth, Promotes proper growth of the child, Reduces risks of infant mortality and maternal mortality, Ensures good health of the child.

b) Through plays/ drama, Through songs, Through organising health meetings, Through poems

50.a) Broad casting

b) Makes weeding easy, Makes spraying easy, Prevents overcrowdedness of plants in the garden, Makes harvesting of maize easy

c) Chemicals kill living organism in the soil

51.a) i) Evaporation

ii) Condensation

b) To prevent the vapour from escaping

c) For carrying/ transporting the vapour

52.a) Spread of diseases, poor sanitation, poor water supply, inadequate food supply.

b) Helps in proper provision of the health services, Helps in the proper planning for the people.

53.a) Plants provide food to people, plants provide oxygen to people, Plants provide wood fuel to people, Plants provide



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building materials to people.

b) By irrigating plants, By pruning plants, By applying fertilizers in the gardens. By spraying them with pesticides. By weeding the gardens with plants.

54.a) They feed on blood, They have Proboscis for sucking blood from people, They bite people, Their body fluids favour the multiplication of the malaria parasite.

b) i) Kills the larvae of the anopheles mosquitoes, Suffocates the larvae of the anopheles mosquitoes.

ii) Prevents mosquito bites

55.a) White blood cells

b) i) For transporting oxygen in the body

ii) For fighting against germs in the body

c) Malaria, anaemia, sickle cell anaemia

THE END

