NO ANSWER SECTION A GO Marks
1. Is Broadcasting method. 2. It kills germs. 3. By burying them in a deep pit. 4. It stops producing electricity/ it leaks 5. It prevents oxygen and water from reacting directly with the iron sheets// it cuts off oxygen and water supply to the iron sheets. 6. It eases cleaning of the goat house// it prevents wild animals from attacking goats. 7. It protects the goats from predators, it protects the goats from harsh weather conditions. 8. It kinds y stones. 9. Protein helps birds to grow very fast// to promote fast growth of birds. 10. Proper disposal of facecs/rubbish// washing hands with clean water before eating food// spraying the imago with insecticides. 11. The villi carry out absorption of food. 12. Leads to road accidents//leads to increased crime rates in the community//leads to poor job performance//alcoholics become public nuisance// the community may lose important people due to alcoholism. 13. The rocks expand and explode to form soil. 14. Capillaries. 15. Pale tongue, pale eyes and skin. 16. Electrical method. 17. South Pole. 18. Dewormers. 19. Sickle cell anaemia/ haemophillus/ Asthma/ diabetes/leukemia. 20. To absorb sunlight energy. 21. PHC services should be accessible/affordable/ available/ PHC services should benefit all. 22. It is painful/irreversible. 23. Germination// respiration. 24. To provide extra support to a plant. 25. By means of suckers. 26. Propping. 27. Prolonged breastfeeding delays ovulation. 28. To ensure that all parents take their children for immunisation. 39. Mopl/clean water// scrubbing brush//vim. 30. Trees provide shade to animals//trees control soil erosion//the farmer gets double income//a farmer gets a balanced 31. Bees will lack what to eat/nectar. 29. Mode of feeding// mode of reproduction// having fur on the body.
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offinary system, exercisory system.
35. They were blocked/obstructed by the wall.
36: Echoes help bats to locate food at night// echoes help bats to dodge obstacles at night.
37. Both (ventilators and chimneys) let out warm air.
38. Regular sweeping of the rubbish in the house// smoking latrines//spraying with insecticides to kill the cockroaches//secracks on walls.
39. Some cereals are used in baking, cereals are used in brewing.
40. Transpiration helps in rain formation.
Section B (60 Marks)
41. (a) Urine/cow dung/faeces/ plant parts/ chicken refuse.
(b) Biogas does not produce smoke unlike firewood// biogas does not encourage deforestation unlike firewood.
THE PRIME MAGIC SET I INTEGRATED SCIENCE MARKING GUIDE 2024 Page 1

1	
1 42	0,
	b) washing clothes// washing utensils// bathing//mopping.
1	c) it contains germs// filtering does not kill germs.
43	to the condition when a person stops breathing as a result of mis/fier lungs filled up with water and filled
	dead while drowning is when a person dies as a result of his/her lungs being filled up with water.
	(b) water tubs/ bathrooms/ basins/ lakes/ rivers/well/ ponds/ dams.
44	(c) It restarts the breathing system/ it opens the breathing air ways. a) lungs.
	b) (i) the diaphragm goes downwards and outwards.
	(ii)the diaphragm moves upwards to its dome shape.
	c) oxygen.
45.	
	b) drought// floods// pests// disease outbreak.
	c) early planting// weeding crops regularly// using modern farming methods// adding manure.
46.	
	b) green leafy vegetables// fruits.
	c) to prevent constipation.
47.	a) open castration.
	b) open castration makes the animal to lose blood.
	c) dehorning//branding// ear notching//ear tattooing.
48.	a) monotremes have some characteristics of birds and reptiles.
	b) spiny anteaters.
	c) They have blubber to keep them warm in water// they have streamlined bodies to reduce viscosity friction.
49.	(a) Reflection of light is the bouncing back of light rays from a surface.
	b) Regular reflection.
	(c) Light enables us to see things around us// light enables us to see ourselves in mirrors // sunlight enables our skins to
	make vitamin D// light is used when taking photos.
50.	a) i) clay soil.
	ii) sand soil.
	b) By planting legumes.
	c) earthworms make tunnels in the soil that let in air.
51.	(a) Their seeds have two cotyledons/ they have a tap root system/ they have network leaf venation/ their seeds undergo
31.	epigeal germination.
	(b) filament.(c) A seed is a mature ovule while a fruit is a mature ovary/ a seed has one scar while a fruit has two scars.
52.	(a) (i) b Secondary creation
	(b) Cell C is cheaper than cell B/ cell C is more portable than cell B.
	(c) electrical energy.
53	a) Aluminium is cheap to buy// Aluminium is a good conductor of heat.
	b) silver// copper// steel// iron// brass.
	c) copper is used for making kettles and boiler// it enables people to boil food using saucepans//conductors are used for
	making iron boxes// conductors are used to make distillation tubes.
54.	a) Tethering// strip grazing// paddocking.
	c) It controls parasites in cattle// prevents overgrazing// it gives grass enough time to grow//manure is evenly distributed
55.	(a) Mass is the quantity of matter a body/object contains.
٠٠.	(b) Mass = Density x Volume
	$=\frac{20\epsilon\epsilon}{1cc} \times \frac{4g/\epsilon\epsilon}{1cc}$
	1 <i>ce</i> 1 <i>ce</i> Mass = 80g
	111033 008