

THE PRIME EXAMINATIONS 2023

PRIMARY FIVE MID TERM II

INTEGRATED SCIENCE

Time allocated 2 hours 15 minutes



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FOLLOWING INSTRUCTIONS CAREFULLY

The paper has two sections: A and B. Section A has 40 questions (40 Marks) and Section B has 15 questions.

Answer ALL questions. All answers to both sections A and B must be written in the spaces provided.

Answers must be written using a blue or black ballpoint pen or ink. Any work written in pencil will not be marked.

Any changes in your work and handwriting that are not clearly read easily may lead to loss of marks.

FOR EXAMINERS' USE ONLY

QUESTION NUMBER	MARKS ATTAINED	INITIALS
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

Section A (40 Marks)

Name one example of a stem tuber.

Apart from matter exerts pressure, mention one other property

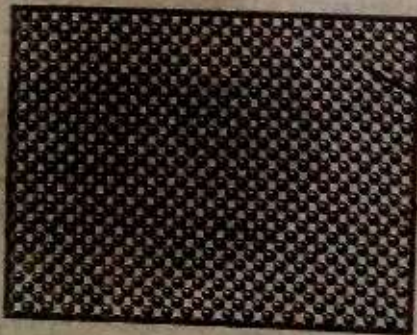
Why is a maize regarded as an annual crop?

State the main role of a queen bee in a hive.

How do bacteria reproduce?

Name any one common disease in a home.

The diagram below is of a state of matter. Use it to answer question



closely packed molecules

Which state of matter is shown in the diagram above?

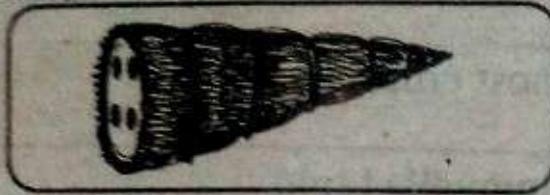
Name the force that holds the molecules together as shown in the diagram above.

Give any one effect of landslides to people.

Which weather instrument is used to show the

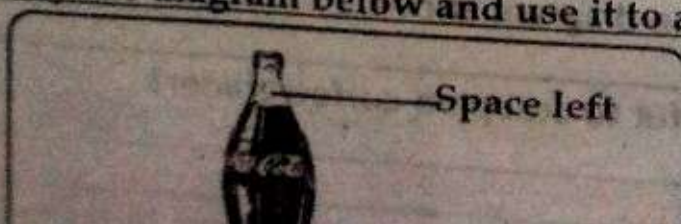
14. State the use of a nail cutter in promotion of personal hygiene.
15. Name the **basic unit** for measuring mass.

The diagram below is of a bee hive, use it to answer question 16.



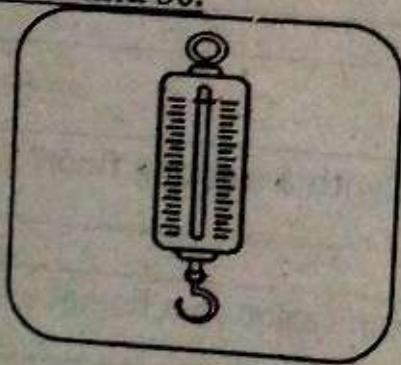
16. Which type of bee hive is shown in the diagram above?
17. Name any **one** food stuff that builds our body.
18. How is the reproduction of yeast different from other fungi?
19. Why does a glass of a burning lantern lamp crack and break when cold water is poured on it?
20. Name the form of energy plants use during photosynthesis.
21. Why does paraffin mixed with water remain on top?
22. Give a reason for putting a clinical thermometer in a disinfectant after use.
23. Which type of fuel is got from trees?
24. Why should a goat house be constructed with a slanting floor?
25. Give any **one** activity done to promote sanitation in a home.

Study the diagram below and use it to answer questions 26 and 27.



26. Why is there space left in the bottle of soda shown in the diagram above?
27. Give a reason why carbon dioxide is packed in bottled drinks like soda?
28. Which type of soil is good for growing most crops?
29. Name the poultry disease caused by *salmonella typhi*.
30. Mention any one condition that can promote the breeding of bacteria.
31. State the use of a fire extinguisher in a school.
32. Name any one plant that climbs others using hooks.
33. What causes production of soft shelled eggs by poultry?
34. Why are electric wires left loose in between poles?

The diagram below shows an instrument used in measurement. Use it to answer questions 35 and 36.



35. Name the instrument shown in the diagram above.
36. How is the above instrument useful to Joseph a coffee trader?
37. Name the deficiency disease characterized by bleeding gums in humans.

38. Give one way of preventing accidents while at school.

39. State the difference between solutes and solvents.

40. Which name is given to a *larva stage of a housefly*?

Section B (60 Marks)

41. (a) *Apart from traditional hutches*, mention one other type of rabbit hutches.

(b) Give two qualities of a good rabbit hutch.

(i) _____

(ii) _____

(c) State one way of preventing diseases in rabbits.

42. (a) Mention two items used to mulch a garden.

(i) _____

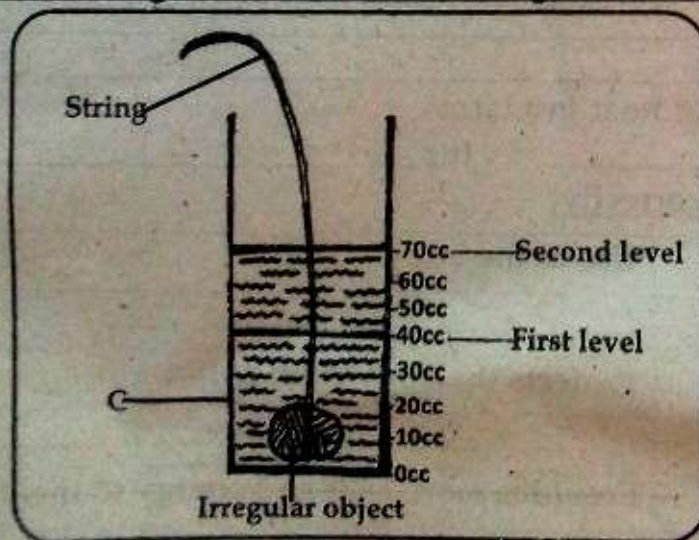
(ii) _____

(b) Give two advantages of mulching a garden.

(i) _____

(ii) _____

43. Use the diagram below to answer questions that follow.

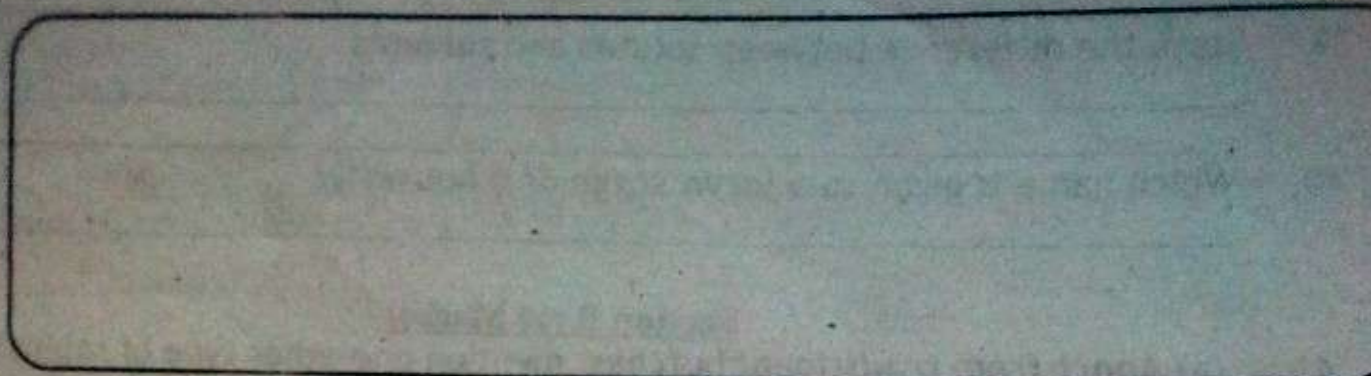


(a) Name container marked C from the diagram above.

(b) Which method of finding volume is shown in the diagram above?

(c) Find the volume of the irregular object shown in the diagram above.

(02marks)



44. (a) Mention two main sources of food in the environment.

(i) _____ (ii) _____

(b) Which characteristic of living things talks about passing out wastes?

(c) Give one reason why animals move from one place to another.

45. (a) What are *heat conductor*?

(b) Give a reason why aluminium is commonly used in making utensils.

(c) Mention two examples of heat insulators.

(i) _____ (ii) _____

46. Complete the table below correctly.

Food value	Use to the body.
(a) carbohydrates	_____
(b) _____	Protects the body from goiter.
(c) proteins	_____
(d) _____	Provides more heat and energy to the body.

47. (a) Which fungus is;

(i) *poisonous to man*

(ii) *eaten as food*

(iii) *used when making bread*

(b) How is bacteria and fungi different in terms of reproduction?

48. (a) Mention any two craft items got from banana fibres.

(i) _____ (ii) _____

(b) State two uses of baskets in a home.

(i) _____

(ii) _____

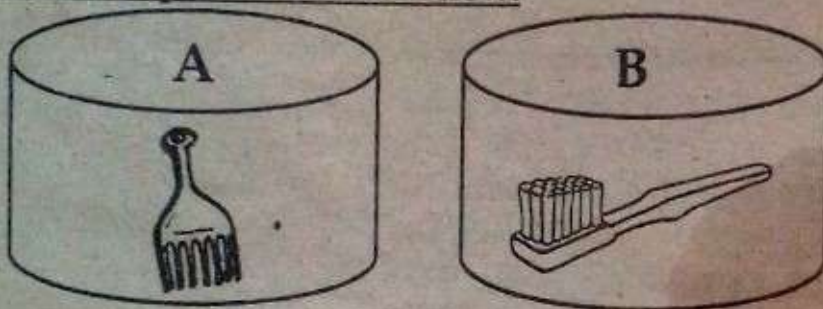
49. (a) Name two types of incubation.

(i) _____ (ii) _____

(b) Write the incubation period of a turkey.

(c) What name is given to the *structure where chicks below eight weeks are kept?*

50. The diagram below shows items used in promoting personal hygiene. Use it to answer the questions that follow.



(a) Name items marked A and B from the diagram above.

(i) A _____ (ii) B _____

(b) State the use of the items named in (a) above during personal hygiene.

(i) A _____

(ii) B _____

51. (a) Name the *main source* of heat in the environment.

(b) Give any two uses of heat energy to people.

(i) _____

(ii) _____

(c) In which one way does heat gain affect solid ice?

52. (a) State two uses of the human ear.

(i) _____

(ii) _____

(b) Why is it bad to clean the ear using a sharp object?

(c) Give one way of caring for the human ear.

3. Match the following terms as used in goat keeping to their meanings.

<u>Terms</u>	<u>their meanings.</u>
(i) Kidding	Is when a nanny is ready to be mated.
(ii) Heat period	Is the giving of birth in goats.
(iii) Browsing	Is the introduction of other food to kids in addition of breast milk.
(iv) Weaning	Is the feeding of goats on soft parts of the plant.
(i) Kidding	
(ii) Heat period	
(iii) Browsing	
(iv) Weaning	

54. (a) Name the type of clouds that show;

(i) rainy weather

(ii) fine weather

(b) Give two uses of clouds to people.

(i)

(ii)

55. (a) *Apart from honey*, mention one other product produced by bees.

(b) Give any two industrial uses of honey.

(i)

(ii)

(c) State any one danger of bees to people.