

BROAD EXAMINATIONS®

P.5 INTEGRATED SCIENCE EXAMINATION

END OF TERM III - 2022

Time allowed: 2 hours 30 minutes

Pupil's Name:

School Name:

District Name:

Read the following instructions carefully:

1. This paper is made up of two sections: A and B.
2. Section A has 20 questions (40 Marks)
3. Section B has 12 questions (60 Marks)
4. Answer ALL questions in both sections A and B.
5. All answers must be written in the space provided in blue or black ball point pens and ink. Only diagrams should be done in pencil.
6. Unnecessary crossing of answers will lead to loss of marks.
7. Any handwriting, which cannot be easily read, may lead to loss of marks.
8. Do not fill anything in the boxes indicated for Examiners' use only.

FOR EXAMINERS' USE ONLY

PAGES	MARKS	SIGN
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
TOTAL		

Teacher's comment to the learner

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Approved by:

[Signature]

Team Head Science Dept.

SECTION .A. (40 Marks)

1. Mention the part of air that occupies 21% in the atmosphere.

2. Write down any one exotic breed of chicken kept for egg production.

3. Why is staking done in crop growing?

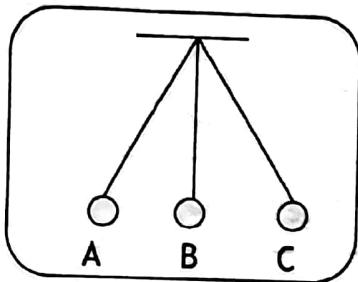
4. What type of immunity do people get from immunisation?

5. Name the type of soil erosion where top soil is uniformly carried away from the garden.

6. Give one advantage of sorting seeds before sowing.

7. State one use of soil to earthworms.

8. Name the type of energy possessed by the swinging object at B.



9. What do we call a person that has got an accident?

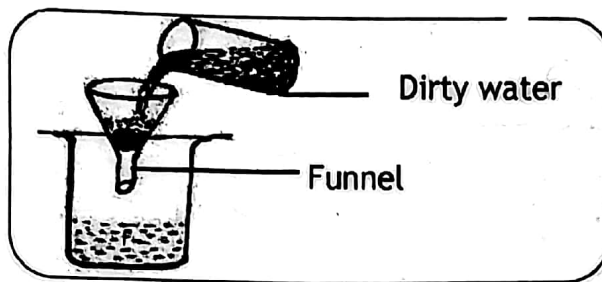
10. Name the female sterile bee in the hive.

11. Why is transplanting done in the evening?

12. Mention any one place on the body where a clinical thermometer is put when taking temperature.

13. State any one characteristic of bacteria.

Use the diagram of separating mixtures and answer questions that follow.



14. Name the method of separating mixtures in the diagram above.

15. State any one way intestinal worms enter the body.

16. Mention any one importance of water at home.

17. Give any one deficiency disease caused by lack of enough vitamins in the body.

18. Why are buildings of schools painted white?

19. Mention any one scale used in measuring temperature.

20. Write down any one local breed of goats.

21. Name any one group of vulnerable people that are fed on soft foods.

22. How is a dustbin useful in an office?

23. State the gestation period of ewe.

24. Why are carrots said to be root tubers?

25. Mention one example of natural fertilizers.

26. State the mode of reproduction in moulds.

27. Why is it important to wash hands with soap after visiting a latrine?

28. Mention one importance of litter in a poultry house.

Use the diagram below to answer question 29.



29. How is the above practice said to be harmful in a community?

30. Give any one way of maintaining soil fertility in the garden.

31. Why are pregnant mothers fed on foods rich in proteins?

32. Write down any one importance of feeding on a balanced diet.

33. What kind of injury does a man get when hot vapour comes in contact with his skin?

34. Why is rusting called a chemical change?

35. State the importance of planting grass in the school compound.

36. Mention one way of controlling sleeping sickness in the community.

37. Mention any one role played by health parades at school.

38. Give one way of protecting water sources.

39. Which element of weather helps farmers to dry their harvested crops?

40. Write down any one religious food taboo.

44. (a) Find the volume of an irregular object.

(b) Name the instrument used in the above experiment.

(c) Which method of finding volume of an irregular object did a P.5 pupil use?

(d) Give a reason why the above object sank in water.

45. (a) Write down any two importance of keeping our bodies clean.

(i)

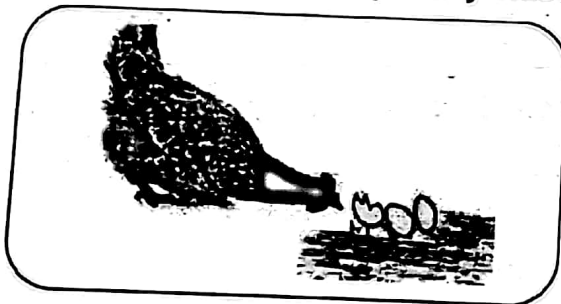
(ii)

(b) State any two ways a person can keep his or her body clean.

(i)

(ii)

The diagram below shows poultry vice. Use it to answer question 46.



46. (a) Name the poultry vice shown above.

(b) Write down any one cause of the above poultry vice.

(c) How can the above poultry vice be controlled?

(d) Apart from the vice in in the diagram, mention any other poultry vice.

47. (a) What are domestic animals?

(b) Mention any two examples of domestic animals.

(i) _____

(ii) _____

(c) Mention any one way of caring for domestic animals.

48. (a) Name any one breed of goats kept for milk production.

(b) Why is zero grazing method of keeping goats commonly practiced in urban areas?

(c) Mention any one disadvantage of keeping goats using tethering method.

(d) What is the difference between docking and shearing in sheep management?

49. (a) What is a flower?

(b) Which part of a flower attracts insects for pollination?

(c) Mention any two uses of flowers to people.

(i) _____

(ii) _____

50. (a) Name any two common vectors in the environment.

(i) _____

(ii) _____

(b) How do vectors spread diseases to people?

(c) Mention any one way of controlling vectors in a community.

51. (a) Give any two activities done under water and sanitation as an element of PHC.

(i) _____

(ii) _____

44. (b) Mention any two importance of activities done under water and sanitation.

(i) _____

(ii) _____

52. (a) Mention any one reason why crop farmers spray their crops.

(b) Mention any garden tool used in spraying crops.

(c) Why should a crop farmer wear a facemask when spraying crops?

(d) Apart from facemask, name one other item a farmer should wear when spraying crops.

45 53. (a) State any one function of the brain.

(b) Apart from the brain, mention any other organ found in the head.

(c) Mention two ways of keeping the human body organs in proper healthy conditions.

(i) _____

(ii) _____

54. (a) Why do most farmers prefer rearing exotic breeds of rabbits?

(b) Mention any two examples of exotic breeds of rabbits.

(i) _____

(ii) _____

(c) State the gestation period of a doe.

55. Complete the table below.

Disease	Vaccine	Site
(i) _____	BCG vaccine	(iv) _____
(iii) _____	OPV	mouth
Hepatitis B	(iii) _____	Left upper thigh

END