

THE PEARL EDUCATIONAL CONSULT

END OF YEAR EXAMINATION-2023

PRIMARY SIX

INTEGRATED SCIENCE

Time Allowed: 2Hrs 15 MIN

NAME:.....Stream:.....

SCHOOL NAME :

DISTRICT :

Read the following instructions carefully:

1. The paper has **two** sections: **A** and **B**
 Section **A** has 40 questions (40 marks)
 Section **B** has 15 questions (60 marks)
2. Answer **ALL** questions. All answers to both Sections A and B must be written in the spaces provided.
3. All answers must be written using a blue or black ball point pen or ink. Diagrams should be drawn in pencil.
4. Unnecessary alteration of work may lead to loss of marks.
5. Any handwriting that cannot be easily read may lead to loss of marks.
6. Do **not** fill anything in the boxes indicated for

FOR EXAMINER'S USE ONLY		
Qn. No	MARK	SIGN
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

Examiner's use only



PUBLISHERS OF THE PEARL HOLIDAY PACKAGES, LEARNER'S WORKBOOKS, PUPIL'S COMPANIONS, CUSTOMISED ASSESSMENT, TOPICAL QUESTIONS, HOME WORK
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SECTION A: 40 MARKS

1. Name the part of the tooth which is sensitive to heat and pain?

2. Give any one factor that leads to alcoholism.

3. Which type of immunity is got through immunization?

4. Mention the type of cattle kept for meat production.

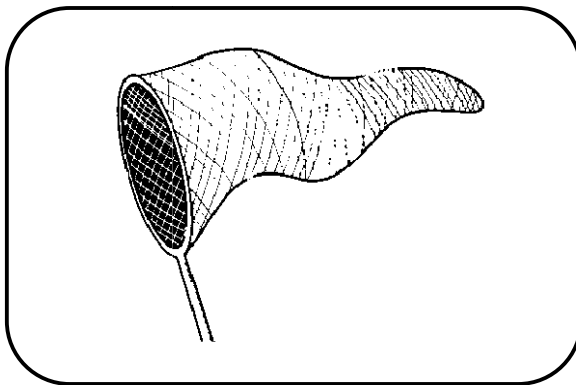
5. Name the organ that filters blood in the body.

6. How is a sketcher useful to a first aider?

7. State the element of PHC promoted by feeding on a balanced diet.

8. How do flowering plants reproduce?

The diagram below shows a tool used in bee keeping use it to answer questions 9 and 10.



9. Name the tool shown in the diagram.

10. Give the importance of the tool above in bee keeping.

11. Name the biggest vein in the human body.

12. In which way are geckoes useful in people's houses.

13. How are the molar teeth adapted to its function?

14. Mention any one petroleum product used in producing light using lantern lamps.

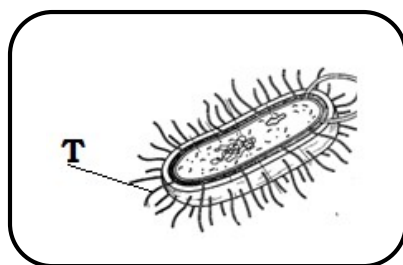
15. State any one role of a father at home.

16. Why is it not advisable to apply salt on a burnt body part?

17. In which way are scavenger birds important in the environment.

18. How is polio vaccine administered?

Study the diagram below and use it to answer questions 19 and 20



19. Name the part marked T

20. State one condition that favours multiplication of bacteria.

21. Mention any one example of biological changes in plants.

22. Why is it advisable to wring clothes before drying them?

23. Give any one artificial source of sound.

24. What is fainting?

25. Which property of air enables pumping of air into a tyre?

26. Of what importance are reptiles to people?

27. Why is loam soil the best for crop growing?

28. How is rusting similar to burning?

29. Give one reason why worker bees are unable to reproduce.

30. Convert 100°C to °F

31. State any one sign of dehydration

32. How are blubbers useful to sea animals?

33. Write one type of soil erosion.

34. Give a reason why the trachea is covered with rings of cartilage.

35. Name one method of making water good for drinking.

36. Suggest any one mineral salt lost during dehydration.

37. Why is tepid sponging encouraged among children with fever?

38. Write one example of an object that floats on water.

39. Mention one importance of keeping our body clean.

40. What is the freezing point of water?

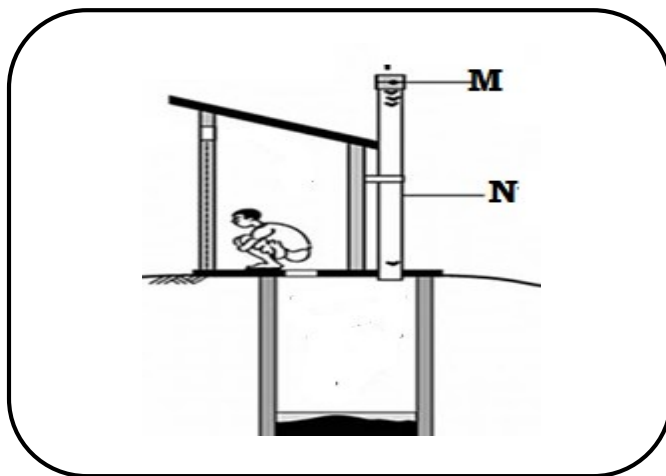
SECTION B:60 MARKS

41. Why do farmers keep Saanen goats?

(b)How do crop farmers benefit from rearing goats?

(c)What is shearing as used in sheep rearing?

42. The diagram below shows a VIP latrine. Use it to answer questions that follow.



(a) Name parts **M** and **N**

i) **M** _____

ii) **N** _____

(b) Why is the hole of a VIP latrine not covered?

(c) How can we care for the above facility at school?

43. State any two uses of food in the body.

(i) _____

(ii) _____

(b) Identify one food source of vitamin A

(c) Which deficiency disease is caused due to lack of iron in the body.

44. State any two advantages of breast feeding to babies.

(i) _____

(ii) _____

(b) Why should breast feeding mothers take a lot of fluids?

(c) At what age should weaning of baby be done?

45. What is crop rotation?

(b) State any two importance of crop rotation.

(i) _____

(ii) _____

(c) Why should farmers include legumes in the crop rotation cycle?

46. Identify the major characteristic of mammals.

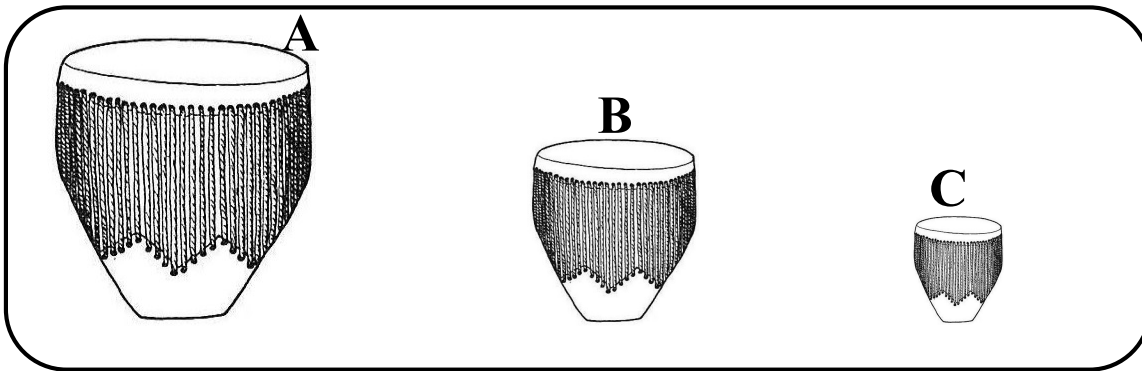
(b) Name any one example of an egg laying mammal.

(c) How are mammals different from reptiles (2 ways)

(i) _____

(ii) _____

47. The diagrams below show three drums. Use them to answer questions that follow.



(a) Which of the drums will produce sound of the highest pitch?

(b) Give a reason for your answer.

(c) State any two factors that can affect the pitch of the sound.

(i) _____

(ii) _____

48. Give the meaning of the term immunity.

(b) State any two ways in which a child acquires natural immunity.

(i) _____

(ii) _____

(c) Give one way in which a person's body immunity can be boosted.

49. John got burnt by hot tea and blisters were formed on his foot.

(a) Name the degree of burn he got on his foot.

(b) What first aid would you give him to reduce the pain?

(c) Why is it not a good habit to burst the blisters that were formed on his feet?

(d) Apart from the degree of burn named in (a) above, mention one other degree of burn.

50. Match the following diseases in list A to their causes in list B correctly.

A

Yellow fever

Malaria

Sleeping sickness

Dysentery

B

amoeba

trypanosomes

virus

plasmodium

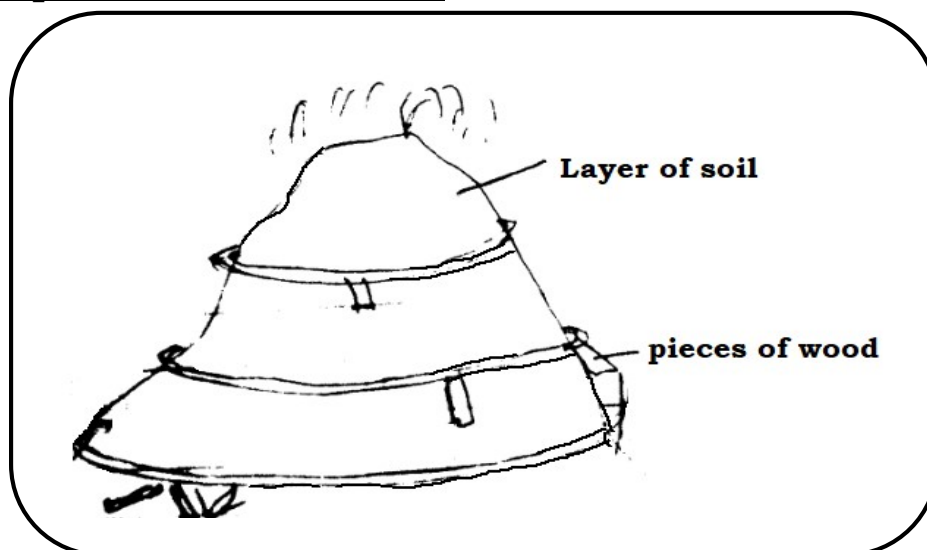
(i) Yellow fever _____

(ii) Malaria _____

(iii) Sleeping sickness _____

(iv) Dysentery _____

51. The diagram below shows the process of making charcoal. Use it to answer the questions that follow.



(a) What is the importance of covering the pieces of wood with a layer of soil during charcoal making?

(b) Give two ways how the above activity is dangerous to the environment.

(i) _____

(ii) _____

(c) Write down any one use of charcoal in our homes.

52. Name the component of air used for preserving bottled drinks.

(b) Apart from the component of air named in (a) above, write down two other components of air.

(i) _____ (ii) _____

(c) Give one advantage of wind to crop farmers.

53. Why do people feel hotter when dressed in black on hot days than dressed in white?

(b) Name any two ways of managing rainy weather.

(i) _____

(ii) _____

(c) Give one example of a weather instrument.

54. State the role of the human heart.

(b) Name the blood component that transports oxygen to all parts of the body.

(c) Give any two ways in which you can increase the amount of blood in your body.

(i) _____

(ii) _____

55. List down any one stuff that can be preserved by smoking

(b) How do the following help to preserve food?

(i) pasteurization _____

(ii) sun drying _____

(c) Give one importance of preserving food.

END