

PALLISA DISTRICT ACADEMIC BOARD

PRIMARY SEVEN MOCK EXAMINATIONS 2024

SCIENCE AND HEALTH EDUCATION

Time Allowed: 2 Hours 15 Minutes

INDEX NO.	Emis No.					Personal No.		

CANDIDATE'S NAME: _____

SCHOOL: _____

Read the following instructions carefully

1. This paper has two sections; **A** and **B**. Section **A** Has 40 questions and Section **B** has 15 questions
 2. Answer all questions. All the working for both section **A** and **B** must be shown in the spaces provided.
 3. All working must be done using blue or black ball - point pen or . Any working done in pencil other than graphs and diagrams will not be marked.
 4. No calculators are allowed in the examination room.
 5. Unnecessary changes in your work may lead to loss of marks.
 6. Any handwriting that cannot easily be read may lead to loss of marks.
 7. Do not fill the table indicated.
- "For Examiners use only"** and boxes inside the question.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS ATTAINED	INITIALS
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50- 52		
53- 55		
TOTAL		

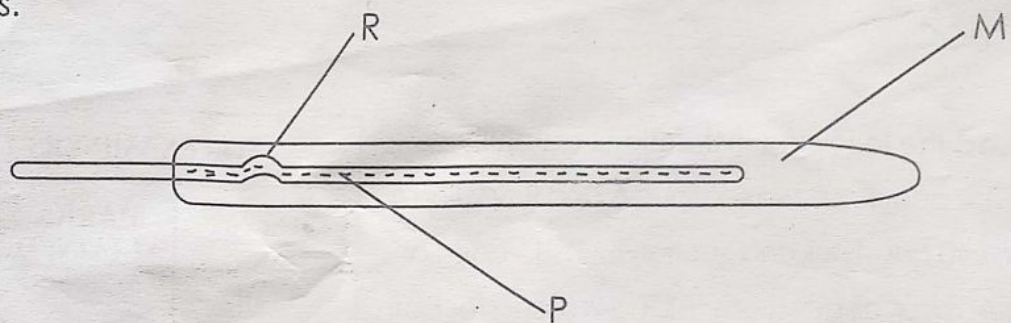
1. Identify the vector that spreads plasmodium germ.

2. A part from the duck platypus, mention any other mammal that reproduces by laying eggs.

3. State the device in an electric current that measures the amount of electric current used?

4. What is the use of hair found in the nasal cavity.

5. Below is a diagram of a medical instrument use it to answer the question that follows.



What is the name of part marked R?

6. Mention one immunisable skeletal; disease that leads to lameness in children.

7. Apart from using seeds, how else are onions propagated?

8. Identify the importance of a screen in a vent pipe?

9. What type of pollination takes place between two flowers of the same kind?

10. In which class of levers does a pair of scissors belong?

11. Name the method of making alcohol where yeast is applied.

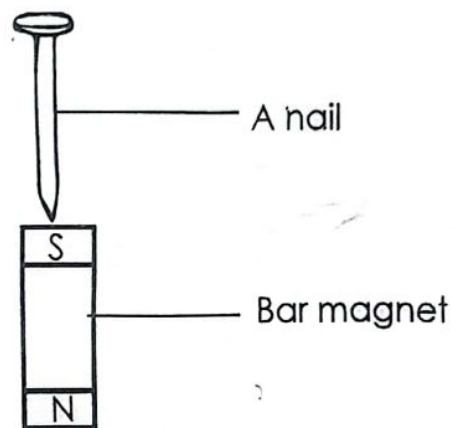
12. What is the importance of fats in the human body?

13. State the part in the human body where respiration takes place.

14. Give any one element necessary during the process of photosynthesis.

15. Mention the name given to a female rabbit.

16. Below is a diagram showing a method of making of magnet.



Identify the method used for the making magnets.

17. Why is paracetamol regarded as essential drug?

18. Give the importance of spores in a mushroom.

19. How is a rat similar to a monkey in terms of reproduction?

20. Besides water and air, give any one component of soil.

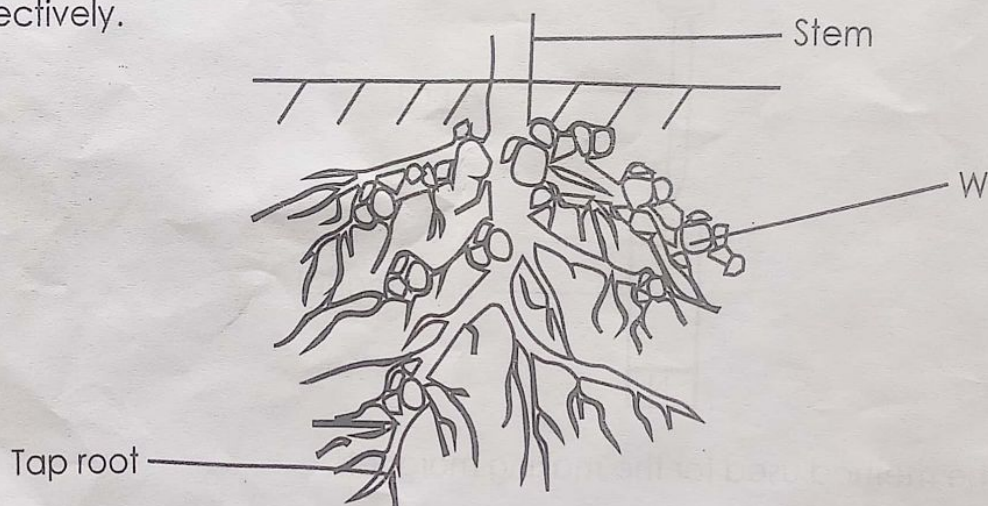
21. By which method are coconut seeds dispersed?

22. Martin was preparing porridge at home, unfortunately porridge poured on his skin, mention the type of injury Martin got.

23. Give any one local way we can protect ourselves from hot sunshine.

24. Briefly explain how shadows are formed.

Below is a diagram of a plant, use it to answer the questions 25 and 26 respectively.



25. Write down the name of the part marked W

26. Identify any one plant with such roots.

27. Give an example of an insect that undergoes incomplete metamorphosis.

28. Differentiate between a pest and a germ.

29. What is the work of a drone bee in a hive?

30. Why does a leaf float on water?

31. Mention the scientific term used to mean the birds that help us in cleaning the environment.

32. State the best way of improving the local breeds in animal husbandry.

33. Give a reason as why most of kitchen utensils are made of aluminium?

34. Identify the class of food that is absorbed into the blood stream without being digested.

35. Name the body part that has a function of controlling body balance.

36. What is the importance of anemometer in a weather station?

37. What term is used to mean a group of fish?

38. Name the type of joint found in the skull.

39. State any one reason as why it is unhealthy to keep potted plants in residential house at night.

40. Mention our best friend that helps us to protect our food in the store.

SECTION B

41. (a) Explain what is meant by the term a cereal?

(b) Give any two examples of cereal crops.

(i) _____

(ii) _____

(c) Why is a maize grain not regarded as a seed.?

42. (a) What is a balanced diet?

(b) Give the type of food digested in the mouth.

(c) Mention the enzymes present in the mouth.

(d) Besides softening food, give another use of saliva in the mouth as far as digestion is concerned.

43. (a) What is meant by environmental degradation?

(b) Identify any two natural causes of environmental degradation.

(i) _____

(ii) _____

(c). Suggest any one way of preventing environmental degradation in our localities

44. (a) Use the table to match the items in A with those in B correctly.

A	B
Black fly	Biliharziahsis
Tsetse fly	Try poonosomiasis
Water snail	River blindness
Aedes Mosquito	Yellow fever

i. Black fly

ii. Tsetse fly

iii. Water snail

iv. Aedes Mosquito

45. (a) What is a latrine?

(b) Write any two types of latrine.

(i) _____

(ii) _____

(c) How can we prevent bad smell in pit latrines without using chemicals.

46. (a) What is a resource?

b) Mention any one example of:

(a) A non-renewable resource

(b) Renewable resource

(c) Suggest any one way of conserving resources in the environment.

47. (a) Explain what is meant by cover cropping?

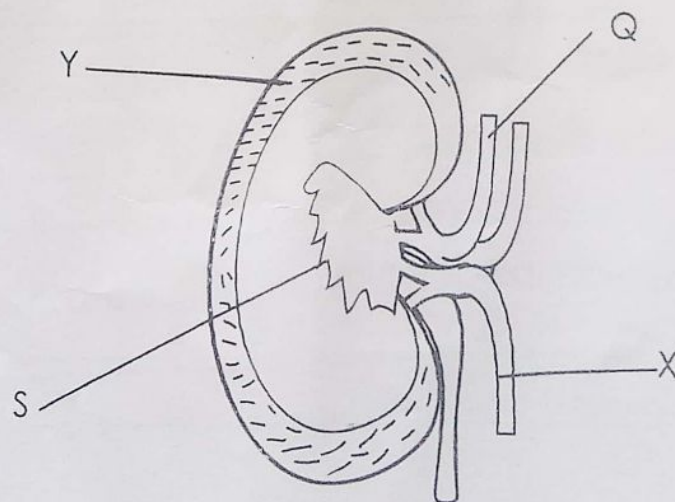
(b) Identify any two crops used as cover crops

(i) _____

(ii) _____

(c) How important are cover crops as far as soil erosion is concerned.

48. The diagram below is of a body organ. Use it to answer the questions that follow.



(a) Mention the name of the parts marked.

(i) S _____

(ii) Y _____

(b) What is the name of the organ shown in the diagram above?

(c) Suggest any one main function of the organ mentioned (b) above.

49. (a) What is sound?

(b) Suggest any one factor that affects the production of sound.

(c) State any one way of storing sound.

(d) Give one device used for reproducing stored sound.

50. (a) Identify an example of an insect that pollinates flowers at night.

(b) Why do pollinators visit flowers.

(c) Explain the meaning of the given scientific terms.

(i) Stamen

(ii) Calyx

51. (a) Identify the group of vertebrates that have mammary glands.

(b) Give any two reasons why a bat is regarded as a mammal.

(i) _____

(ii) _____

(c) Mention any one factor that enables the above mammal in 51 (b) to fly

52. (a) Apart from fermentation method, identify any other method of making alcohol.

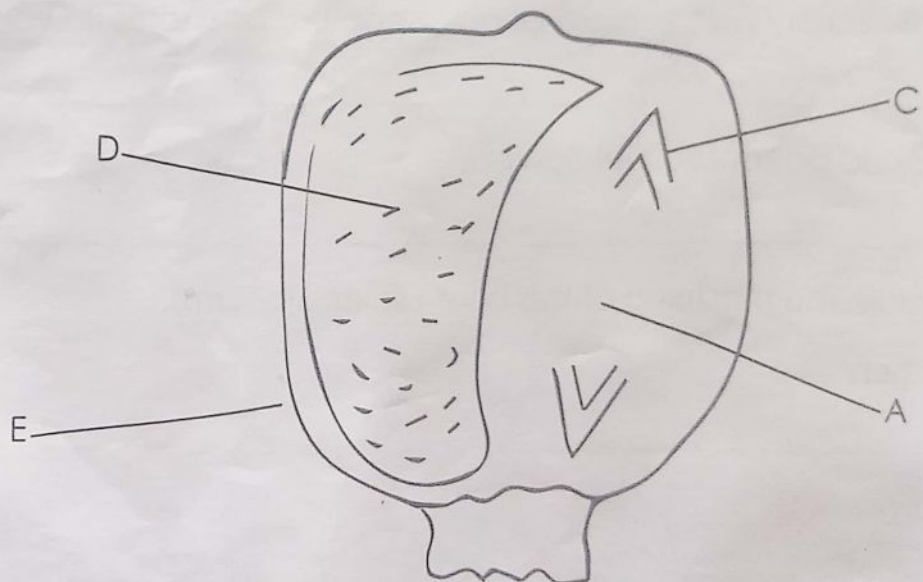
(b) What does yeast act as in the process of preparing alcohol?

(c) Give any two processes involved in the making of alcohol.

(i) _____

(ii) _____

The diagram below shows a grain. Use it for answering questions that follow.



53. (a) What is the name of the parts marked.

(i) C _____

(i) A _____

(b) Suggest any two reasons why the above grain is not a seed.

(i) _____

(ii) _____

54. (a) Give the difference between an artery and a vein.

(b) Which type of blood does each of the above blood vessels carry?

(i) Artery

(ii) Veins

(c) State the importance of valves in the heart as far as circulation is concerned.

55. Match the animals in List A with the type of food then feed on.

List A

Bats

Cheater

Giraffe

Grey heroin

List B

Flesh

Fruits

worms

Plants

Bat

Cheater

Giraffe

Grey heroin

END

GOOD LUCK