



THE SPECTRUM EXAMINATIONS HUB
END OF TERM III ASSESSMENT, 2024
PRIMARY 5 INTEGRATED SCIENCE
Time allowed 2hrs 15 minutes

NAME _____

SCHOOL _____

Read the following instructions carefully:

1. This paper has two sections: A and B
2. Section A has 40 questions (40 marks)
3. Section B has 15 questions (50 marks)
4. Answer all questions. All the work for both sections A and B must be shown in the spaces provided.
5. All work must be done using a blue or blackball point pen or ink. Any work done in pencil will NOT be marked except drawings and diagram.
6. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.
7. Do not fill anything in the table indicated; "For examiners' use only" and the boxes inside the question paper.

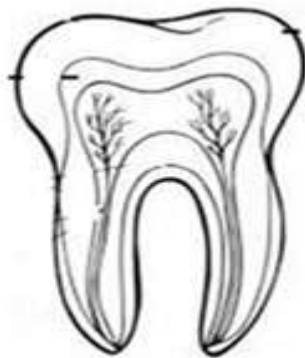
FOR EXAMINERS' USE ONLY

Qn. No.	MARK	EXR'S
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A:

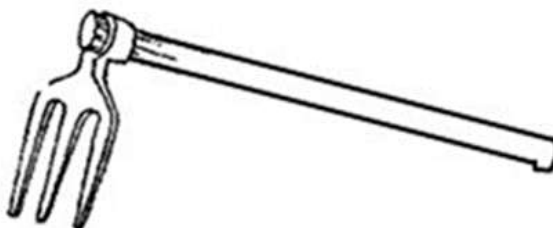
1. How does yeast reproduce?
.....
2. Where does digestion in man begin?
.....
3. Suggest any one way man can control tapeworm infestation.
.....
4. In which part of a flower does fertilization take place?
.....
5. Give one importance of keeping farm records.
.....
6. Name any one childhood killer disease that can be prevented through immunisation?
.....
7. Mention the way that heat travels through solids.
.....

The diagram below shows a tooth. Use it to answer question 8.



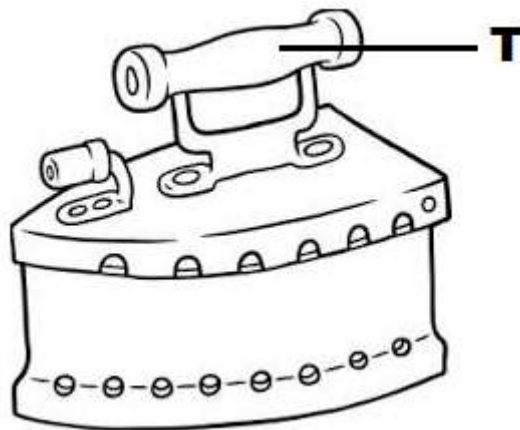
8. How is the tooth above able to carry out its function?
.....
9. Name the storage facility commonly used to store harvested cereals in rural areas.
.....
10. State the danger of keeping long hair without proper care.
.....
11. In which way are ventilators important on a house?
.....
12. How do plants use carbon dioxide gas?
.....

13. Identify any one method of preserving food that involves dehydration.
.....
14. How do latrines promote sanitation in a school?
.....
15. State the use of the garden tool below.



-
16. State one way measles can be controlled.
.....
17. Suggest any one importance of steaming up animals.
.....
18. What sensory organ does any normal person use to feel the temperature of any object?
.....
19. Mention any one way through which AIDS can be controlled.
.....
20. Name any one instrument that can be used to measure length.
.....
21. Mention the element of Primary Health Care that prevents deficiency diseases.
.....
22. What is the gestation period of a doe?
.....
23. State one way one can take care of one's teeth.
.....
24. Identify the food value people get when they feed on beans and ground nuts.
.....

The diagram below shows an iron, study it carefully and answer questions 25 and 26.



25. Give the main reason why part marked **T** is made of wood.
.....
26. Why do you think it is a good practice for people to iron their clothes before putting them on?
.....
27. Which vector spreads elephantiasis?
.....
28. How is transpiration important to plants?
.....
29. Name the force which makes objects to weigh less when they are put in water.
.....
30. Why are electricity wires fixed loosely on poles?
.....
31. Give a reason why farmers dock their sheep.
.....
32. Why is smoker an important tool in harvesting of honey?
.....
33. What first aid can you give to a person whose hand has been burnt by hot water?
.....
34. Name any one tool used to carry out castration.
.....
35. Identify any one component of soil.
.....

36. Give any one situation where a baby can be bottle-fed.

37. How is the ileum adapted to its function?

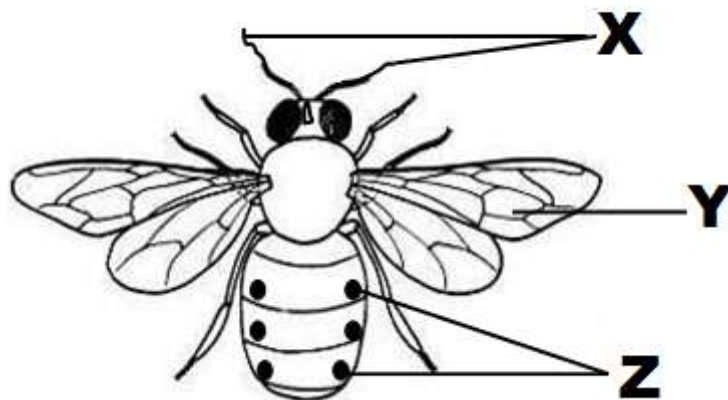
38. State the importance of chlorophyll during photosynthesis.

39. Mention one physical characteristic of a cereal crop.

40. Name the clouds which are a clear sign of rain when seen on the sky.

SECTION: B

41. **Study the diagram below. Use it to answer the questions that follow.**



- (a) Name the parts marked **X** and **Z**.
X.....**Y**.....
- (b) State the importance of parts **Z** and **Y** to the insect above.
Z.....
Y.....
42. (a) What are physical changes?

- (b) Give one example of a physical change.

- (c) Mention one characteristic of chemical changes.

(d) Name the type of change that occurs in living things.

.....

43. (a) Explain the meaning of the term “weeding”.

.....

(b) State the importance of weeding crops.

.....

(c) Give any one method of controlling weeds.

.....

(d) How can weeds be of use to a farmer?

.....

44. (a) Give two reasons why farmers rear goats.

(i).....

(ii).....

(b) Mention any one example of an exotic breed of goats.

.....

(c) Mention one breed of goats that is reared for milk production.

.....

(d) Identify any one disease that attacks goats.

.....

45. (a) Mention any one foodstuff.

.....

(b) Write down two classes of food in a balanced diet.

(i)(ii).....

(c) Name the deficiency disease caused by lack of one of the classes of food mentioned in (b) above in the diet.

.....

46. **Study the lists below and match them correctly.**

A

(i) pepsin

(ii) amylase

(iii) bile

(iv) rennin

(a) Pepsin

(b) Amylase

(c) Bile

(d) Renin

B

- emulsifies fats.

- acts on proteins in the stomach.

- clots milk.

- digests starch.

- kills germs eaten in the food.

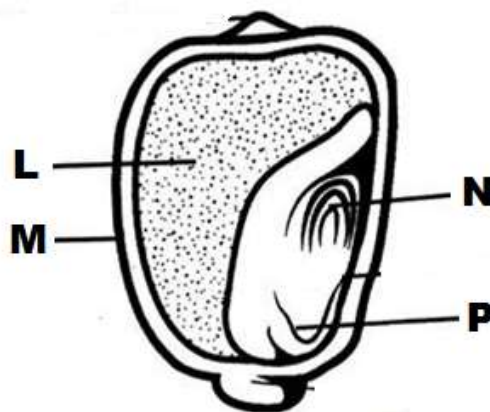
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.....

.....

.....

47. Study the diagram below and answer the questions that follow.

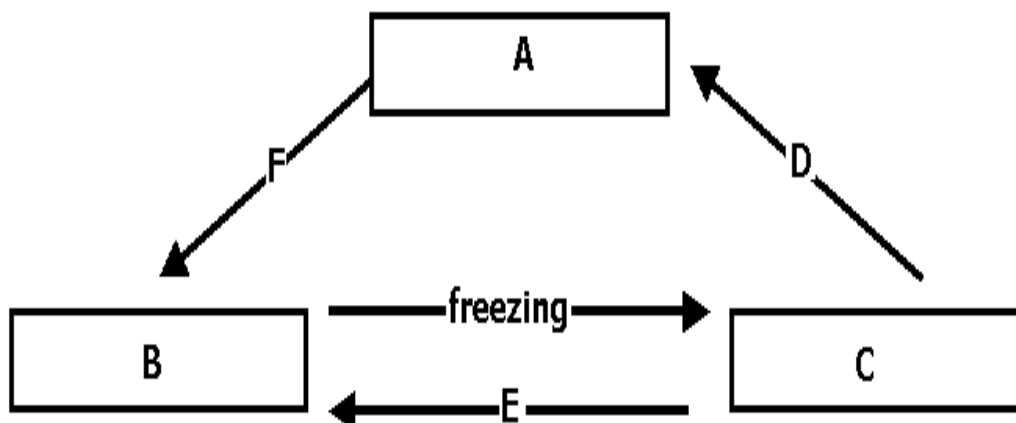


- (a) Name the parts marked **N** and **P**.
(i) **N**.....
(ii) **P**.....
- (b) How are parts marked **L** and **M** useful to the maize grain?
N.....
M.....

48. (a) Why do we wash our hands during the preparation of **ORS** ?
.....
- (b) Mention any **two** signs of a dehydrated person.
(i).....
(ii).....
- (c) Identify **one** mineral lost in the body during dehydration.
.....

49. (a) What is soil exhaustion?
.....
- (b) Mention any one cause of soil exhaustion.
.....
- (c) Name any one material that is harmful to the soil.
.....
- (d) Suggest one way soil exhaustion can be controlled.
.....

50. Study the illustration below and answer the questions that follow.



- (a) Identify the state of matter marked **A** and **B**.
 (i) **A**.....
 (ii) **B**.....
- (b) Name the process shown by arrow **D**.

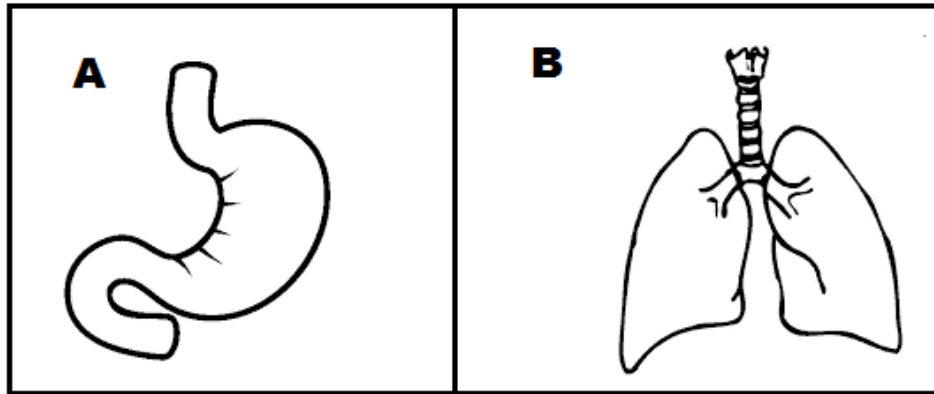
- (c) What form of energy is needed for process **E** to take place?

51. (a) Write down any two items used to clean our bodies.
 (i)
 (ii)
- (b) Mention any one disease that can attack the following parts due to poor person hygiene.
 (i) The skin.....
 (ii) The teeth.....

52. (a) What are monocotyledonous plants?

- (b). State any two examples of monocots.
 (i).....(iii).....
- (c). Which type of germination do monocots undergo?

53. Study the body organs below and answer questions that follow.



- (a) Name the human body organs marked **A** and **B**.

(i) **A**

(ii) **B**

- (b) Give any **one** use of each of the above organs to people.

A

B

54. (a) What is immunity?

.....

- (b) Mention one type of immunity.

.....

- (c) Name one immunisable childhood killer disease immunized against using the **DPT** vaccine.

.....

- (d) At what age is **BCG** vaccine given to babies?

.....

55. (a) What are heat reflectors?

.....

- (b) Nantale washed a black and a white blouse. She spread them under sunshine to dry.

- (i) which blouse dried first?

.....

- (ii) which blouse dried last?

.....

END

THE SPECTRUM EXAMINATIONS HUB



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