JIM PREPARATORY NURSERY & PRIMARY SCHOOL

IKI-IKI

MOTTO: OUR GOD IS ABLE

**TERM TWO ASSEAAMENT EXAMS SET V 2023**

**PRIMARY SIX**

**INTEGRATED SCIENCE**

**DURATION: 2HRS 15 MIN**

NAME: ..................................................................................

STREAM: ..............................................................................

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| **FOR EXAMINERS’ USE ONLY** |
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| **FOR EXAMINERS’ USE ONLY** | | |
| **Qn. No.** | **MARKS** | **EXR’S NO.** |
| **1 – 10** |  |  |
| **11 – 20** |  |  |
| **21 – 30** |  |  |
| **31 – 40** |  |  |
| **41 – 43** |  |  |
| **44 - 46** |  |  |
| **47 - 49** |  |  |
| **50 - 52** |  |  |
| **53 - 55** |  |  |
| **TOTAL** |  |  |

**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 (60marks)
4. Answer **all** questions. All answers to both sections **A** and **B** must be written in spaces provided.
5. All answers must be clearly written using **blue** or **black** ball point pen or ink.
6. Unnecessary changes of work may lead to loss of marks.
7. Any handwriting that cannot be easily read, may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated for official use only.

**Section A : (40Marks)**

1. Name the vaccine given to babies at nine months.

………………………………………………………………………………….

2. Give any one use of carbohydrates in the body.

………………………………………………………………………………….

3. Why should a person who has taken poison be given plenty of

fluids?

………………………………………………………………………………….

4. Which stage of a butterfly is dangerous to a crop farmer?

………………………………………………………………………………….

5. Mention one example of a cover crop.

………………………………………………………………………………….

6. Name the body organ protected by the skull.

………………………………………………………………………………….

7. Why is loam soil able to support proper plant growth?

………………………………………………………………………………….

8. State any one activity a fat person can do to reduce body

weight?

………………………………………………………………………………….

9. Mention any one example of a flying mammal.

………………………………………………………………………………….

10. In which way are fish similar to amphibians in their way of

reproduction?

.……………………………………………………………………………….

**The diagram below shows a crop pest. Use it to answer questions 11 and 12.**



11. Name the crop pest shown above.

.……………………………………………………………………………….

12. Give one way a crop farmer can control the above pest in the

garden.

.……………………………………………………………………………….

13. Apart from acquiring STDs, give any other reason why school

going girls should abstain from sex.

.……………………………………………………………………………….

14. Give one reason why plants depend on soil.

.……………………………………………………………………………….

15. Mention any one bad habit that can develop among poultry if

they are underfed.

.……………………………………………………………………………….

16. Why is it bad to eat food before washing hands?

.……………………………………………………………………………….

17. Write any one element of P.H.C

.……………………………………………………………………………….

18. Give one reason why soya beans are called legumes?

.……………………………………………………………………………….

19. How can the pitch of a string on a musical instrument be

changed?

.……………………………………………………………………………….

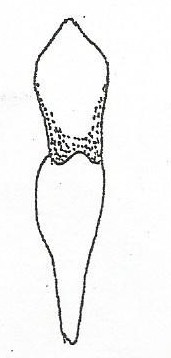
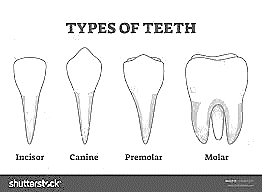
20. State any one example of a traditional bee hive.

.……………………………………………………………………………….

21. How are termites important in the soil?

.……………………………………………………………………………….

**The diagram below shows teeth. Study them and answer questions 22 and 23.**

**B**

**A**

22. Which of the two teeth is used for grinding food?

.……………………………………………………………………………….

23. What kind of shape is tooth marked A?

.……………………………………………………………………………….

24. Which disorder of the ear is as a result of accumulated ear

wax in the ear canal?

.……………………………………………………………………………….

25. State the best method of making water safe for drinking.

.……………………………………………………………………………….

26. How is a morant hutch similar to a caged hutch?

.……………………………………………………………………………….

27. State the reason why a person having flu should cover the

mouth while coughing?

.……………………………………………………………………………….

28. How can a farmer stock a bee hive?

.……………………………………………………………………………….

29. In which way is a bore useful on a clinical thermometer?

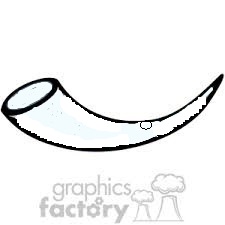
.……………………………………………………………………………….

30. State the difference between air and wind.

.……………………………………………………………………………….

**The diagram below shows a musical instrument. Use it to answer questions 31 and 32.**

**Y**



31. Name the musical instrument shown above.

.……………………………………………………………………………….

32. State the use of part **Y**.

.……………………………………………………………………………….

33. Mention any one type of germination.

.……………………………………………………………………………….

34. Which disorder of the digestive system is prevented by eating

food rich in roughage?

.……………………………………………………………………………….

35. Which state of matter does heat travel slowest?

.……………………………………………………………………………….

36. In which part of the body are red blood cells made?

.……………………………………………………………………………….

37. Name one industry that can use products got from goats.

.……………………………………………………………………………….

38. Which fungi is used in the production of alcohol?

.……………………………………………………………………………….

39. Why is a guava plant called a perennial crop?

.……………………………………………………………………………….

40. In which way are biological changes similar to chemical

changes?

.……………………………………………………………………………….

**Section B**

41(a) To which group of crops does rice belong?

.……………………………………………………………………………….

(b) Mention any other two crops which belong to the group

mentioned in (a) above.

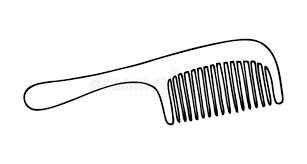
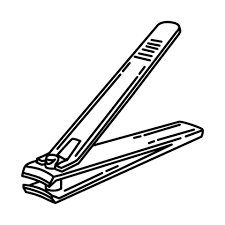
i)…………………………………… ii)…………..…………………….

(c) State any one use of rice to people.

.……………………………………………………………………………….

42. **The diagram below shows items used to keep our bodies**

**clean. Study them and answer questions that follow.**

** **

**Y**

**X**

(a) Name the item marked **Y**.

.……………………………………………………………………………….

(b) State the importance of item **X**.

……………………………………………..…………..…………………….

(c) Why is it not advisable to share item **Y** ?

…………………………………………..………………………………….

(d) Which part of the body is item **X** used?

…………………………………………..………………………………….

43(a) Give the component of blood responsible for blood clotting.

………………………………………………………………………………

(b) State any one non communicable disease of the circulatory

system.

………………………………………………………………………………

(c) Give any two reasons why blood screening is carried out in

people.

i) ……………………………………………………………………………

ii) …………………………………………………………………………..

44(a) What type of injury is caused by dry heat on the skin?

……………………………………………………………………………….

(b) Write any two causes of the above type of injury?

i)..………………………………………..…………..…………………….

ii) …………………………………………………………………………..

(c) Give the first aid for the above type of injury?

.……………………………………………………………………………

45. **The diagram below shows components of a clean home.**

**Study it and answer questions that follow.**

(a) Name the component of a clean home marked **Z**.

………………………………………….………………………………….

(b) State the importance of components marked **X** and **Y** in a

clean home.

i) X………………………………… ii) Y..…………..……………….

(c) How can food prepared in the kitchen be prevented from

contamination?

………………………………………………………………………………

46(a) Name any two breeds of pigs.

i)…………………………………… ii) …………………….………….

(b) Mention one product got from pigs.

…………………………………………..…………..……………………..

(c) Why do most farmers prefer rearing pigs to goats?

………………………………………………………………………………

47(a) Mention any two examples of wind musical instruments.

i) ……………………………..…… ii)…...………………………..….

(b) How do the above musical instruments produce sound?

…………………………………………..…………..……………………..

(c) Which musical instrument is used when playing netball?

………………………………………………………………………………

48. **Match the following blood vessels correctly with their**

**characteristics.**

|  |  |
| --- | --- |
| **A** | **B** |
| - an artery | - joins arteries and veins |
| - a vein | - has thick wall |
| - a capillary | - has thin wall |

(a) (i) an artery :…………………………………………………………….

(ii) a vein :…………………………………………………………….….

(iii) a capillary:…….……………………………………………….….

(b) State the importance of blood vessels in the body.

…………………………………………..…………..……………………..

49(a) Write any two types of poultry.

i) ……………………………..……. ii)…………………………………

(b) Which system of keeping poultry is the cheapest to a farmer?

…………………………………………..…………..……………………..

(c) State any one advantage of the system you have mentioned

in “b” above.

………………………………………………………………………………

50(a) State the function of the following parts of a flower.

i) petals ………………………………………………………………..…

ii) anthers …………………………………………..…………………….

(b) Name the female part of a flower.

………………………………………………………………………………

(c) Mention any one component of the female part of a flower.

………………………………………………………………………………

51(a) Give any one characteristic of insects.

….…………………………………………………………………..………

(b) Write any two main body divisions of an insect.

i)……………………………………… ii)….…………………………….

(c) Why is a spider not considered as an insect?

………………………………………………………………………………

52. Complete the table below correctly.

|  |  |
| --- | --- |
| **Group of birds** | **Examples** |
| swimming | i) ……………………….. |
| ii) ………………………. | owls |
| scratching | iii) ……………………….. |
| iv)……………………… | marabou stork |

53(a) State any two causes of soil erosion.

i)..…………………………………………..………………………………

ii)…………….………………………………………………………………

(b) Mention two ways of preventing soil erosion in hilly areas.

i)..…………………………………………..………………………………

ii)…………….………………………………………………………………

54(a) Name the type of vitamin which causes the following food

deficiency diseases.

i) Night blindness - ………………………….……………………….

ii) scurvy - ……………………………….………………………………

(b) Apart from vitamins, mention any two classes of food.

i)..………………………………… ii)..…………………………..……

55. **The diagram below shows fungi. Study them and answer**

**questions that follow**.

(a) Name the fungus marked **A**.

……………………………………………..………………………………

(b) State the importance of part “**P**” on diagram **B**.

....…………………………………………..………………………………

(c) Which of the fungi above is edible?

…..…………………………………………..………………………………

(d) State any one danger of fungus **A**.

…..…………………………………………..………………………………

**End**