

LEARNMARK EXAMINATIONS BOARD

YOUR PATH TO EXCELLENCE

PRE-MOCK EXAMINATIONS SET II 2025

INTEGRATED SCIENCE

Time allowed: 2hours and 15minutes

Index number

Random number					Personal no			

Candidate's Name.....

Candidate's signature.....

District ID number

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Read the following instructions carefully

1. The paper has **two** sections: **A** and **B**.
2. Section **A** has **40** questions (**40 marks**).
3. Section **B** has **15** questions (**60marks**).
4. All the answers for both section **A** and **B** must written in the **spaces provided only**.
5. All answers must be written using a **blue** or **black** point pen or **fountain** pen or ink.
6. Any work written in a pencil except for diagram **will not be marked**.
7. Unnecessary changes in your work and handwriting that **cannot** be read easily may lead to **loss of marks**.
8. **Do not** fill anything in the **table** indicated

"FOR EXAMINER'S USE ONLY

FOR EXAMINER'S 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		

SECTION A (40 marks): Attempt all questions.

1. Name the **organs** which **the larva stage** of a mosquito uses for **breathing**?

.....

2. How **does heat travel** through **gases**?

.....

3. To which **group** of **simple machines** does a **panga** belong?

.....

4. Give **one** example of a **solid fuel**.

.....

5. Name the **element** of **weather measured** using a hygrometer.

.....

6. State what happens to the **lungs** when we **breathe in**

.....

7. Name **the component** of water that turns **lime water milky**.

.....

8. Give **one danger** of smoking to **an individual**.

.....

9. Give the **meaning** of the term **work**?

.....

.....

10. In the space below, **draw** a leaf of a **monocotyledonous plant** then label on it a leaf sheath.

11. How does **salting preserve** meat?

.....

12. What advice can you give to a parent whose child is **suffering from measles**?

.....

13. Give a reason why **water settle** at the **bottom** when mixed with **kerosene**?

.....

14. Apart from **capital**, give one other necessity for starting a livestock farm.

.....

15. How does **clay charcoal** stove help to **conserve trees**?

.....

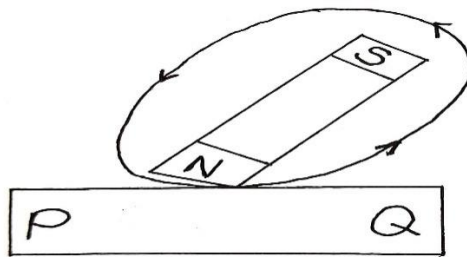
16. Give the **significance** of the ovary during **reproduction** in humans.

.....

17. Why does **a cockroach die** when its abdomen **is inserted in water**?

.....

Below is **an illustration** of making a magnet. Use it to answer question **18 and 19** carefully.



18. Name the above method of **magnetization**.

.....

19. Identify **pole Q** after magnetization.

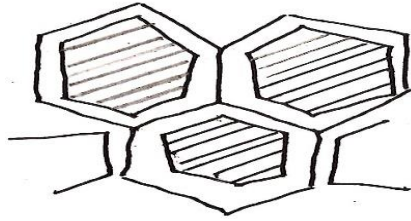
.....

20. How do plants **benefit** from **osmosis**?

.....

21. Give one **immunizable** disease that is a water borne.

.....
22. Name the **structure** below found in a bee hive.



.....
23. Give **any one** way of controlling tick **borne disease** on a farm.

.....
24. Why can't **sound travel** through a vacuum?

.....
25. State a reason why **fractional distillation** is used to separate **miscible mixtures** like crude oil

.....
26. How does **early planting** help to **control** crop pest in the garden?

.....
27. Name **one bacteria** which help in **decomposition of organic** matter.

.....
28. Give one cause of **anti-social behavior** in the community.

.....
29. Which **element of PHC sensitizes** people about the dangers of cholera?

.....
30. Why **do electric wires** appear loose on a **hot day**?

31. Give **one use** of insulators to people.

.....

32. Name **any one type** of cattle kept in Uganda.

.....

33. Give a reason why the above **type** of cattle is kept.

.....

34. Mention the **storage condition** that helps to maintain the **strength of essential** drugs.

.....

35. Why are **gaps between rail lines** appear to be narrow on a hot day?

.....

36. In which one way is **refraction** useful to man.

.....

.....

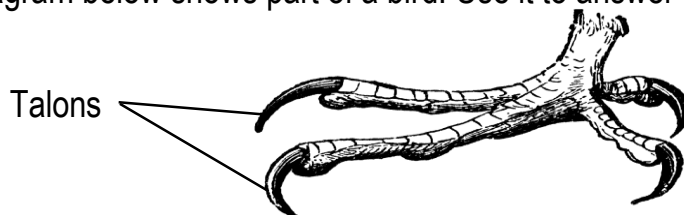
37. Mention the condition that requires one to apply 'mouth to mouth breathing.'

.....

38. Give **any one** activity that **promotes** sanitation in a school.

.....

The diagram below shows part of a bird. Use it to answer questions that follow.



39. Which **group of birds** have the above type of foot?

.....

40. Give **one example** of a bird that has the above type of **foot**.

.....

SECTION B (60 MARKS)

41. a) Give **two examples** of **biological changes**

i)

ii)

b) State **any two** characteristics of a **chemical change**.

i)

ii)

42. a) Give the meaning of the term **excretion**?

.....

.....

b) Mention the **role** of **each organ** below during excretion process.

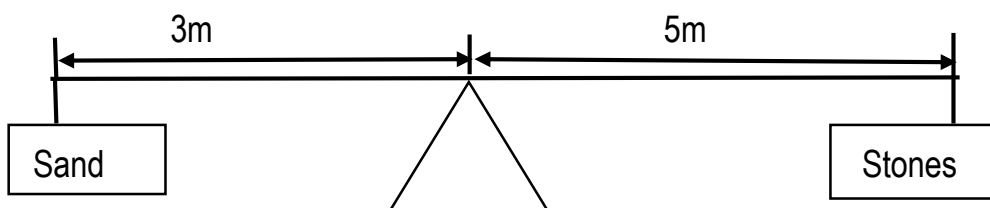
i) Skin.....

ii) Kidneys.....

c) Give **one** way of **caring** for the human lungs.

.....

43. The diagram below shows two weights balancing on a see-saw.



a) Identify the **substance** which is heavier than the other.

.....

b) Give a reason for your answer in (a) above.

.....

c) To which **class** of levers does the above **machine** belong?

.....

d) Name **one other machine** that belongs to the above **class of levers**.

.....

44. Use the list of organisms below to answer questions that follow.

(Crab, millipede, crayfish, centipede, mosquito, hookworm)

a) Mention **two** organisms that belong to the group of **crustaceans**.

i).....

ii).....

b) Which **two** organisms belong to **myriapods**.

i).....

ii).....

45. Complete the table below correctly.

Organ	Part of the skeleton
a) Eye	i).....
b) ii)	Vertebral column
c) Heart	iii).....
d) iv).....	Pelvis

46. a) Name **any two materials** carried by blood in the body.

i)

ii)

c) Which **blood vessels** carries blood **away** from the heart?

.....

d) Give the **difference** between **pulmonary artery** and other **arteries**.

.....
.....

47. a) State the **role of enzymes** during digestion.

.....

b) Name **one enzyme** present in pancreatic juice.

.....

c) Why is there **no digestion** of food in the **colon**?

.....

d).By what **process does food move down** the gullet to the stomach?

.....

48. (a) Explain why **passive smoking** is more dangerous than active smoking. **(2 marks)**

.....

.....

.....

b) In which way does **carbon monoxide** affect human body?

i)

.....

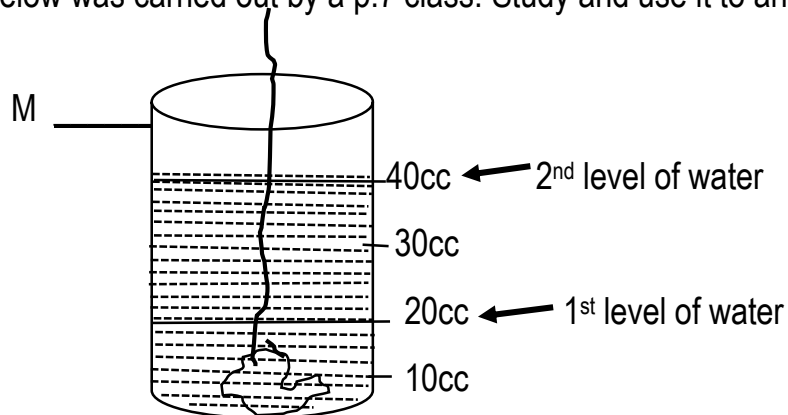
c) How can you help one to **stop** the **habit** of drug dependence?

.....

.....

.....

49. The experiment below was carried out by a p.7 class. Study and use it to answer questions below.



a) Name the **method** of finding volume shown above.

.....

b) Name the **container** marked **M**.

.....

c) Find the **volume** of the stone. **(2 marks)**

50 a) Why should pregnant mothers be **immunized**?

.....

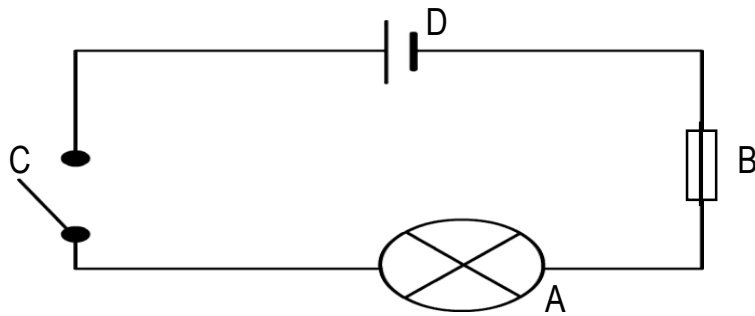
b) Mention **two childhood** killer diseases immunized at birth.

i).....(ii).....

c) On which **part** of the body is **BCG** vaccine administered?

.....

51. The diagram below shows an **electric circuit**. Study and use it to answer the questions that follow carefully.



a) Name the **components** marked A and B.

i) A

ii) B

b) How is component B **adapted** to its function?

.....

c) Give the function of the **component D** when part C is closed.

.....

52a) Give **two components** of a **clean** home a clean home.

i).....

ii).....

b) Suggest **any two** activities carried out by school children to promote cleanliness at school.

i).....

ii).....

53. You are provided with the following items:

Water, saucepan, and burning charcoal stove

a) Describe **an experiment** to show convection in liquids. (3marks)

.....

.....

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.....

.....

.....

.....

b) Apart from **liquids**, give **one other** state of matter in which heat transfer occur through convection.

.....

54. a) What are vices in poultry management?

.....

.....

b) Give **any one** example of a poultry vice.

.....

c). State a reason **why laying boxes** are put in dark place in a poultry house?

.....

d) Give the **main cause** of cannibalism?

.....

55. a) Name **any one** material that reflects light?

.....

.....

.....

b) What are **incandescent** bodies?

.....

.....

.....

c) Name **one natural** and artificial source of light.

i). Natural.....

ii). Artificial.....

GOODLUCK