



DIVINE EDUCATION CENTRE

MID TERM 2 EXAMINATION-2023

INTEGRATED SCIENCE - P.6

Time Allowed: 2Hrs 15 MIN

Name:.....

Stream:.....

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 (60 marks)
4. Answer **ALL** questions. All answers to both Sections A and B must be written in the spaces provided.
5. All answers must be written using a blue or black ball point pen or ink. Diagrams should be drawn in pencil.
6. Unnecessary alteration 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 Examiner's use only.

| 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 | | |

Turn over

SECTION A: 40 MARKS

- 1- Which body organ does a P.6 child use to detect bad smell in a pit latrine?

- 2- Write one activity done to care for banana plants during dry season.

- 3- Why are handles of frying pans usually made of wood?

- 4- State the importance of valves in veins.

- 5- Give any one way of controlling soil erosion in the school compound.

- 6- Mention any one example of an arachnid.

- 7- State the main role of a school nurse in a school.

- 8- Write any one example of a biological change.

- 9- Mention any one disease a person gets as a result of smoking tobacco.

- 10- How does sound travel?

- 11- Name any one crop propagated by means of suckers.

- 12- Which component of air prevents bottled drinks from going bad?

13- Mention any one activity that farmers do to control egg eating among their layers.

14- Why is crude oil grouped under non-renewable resources?

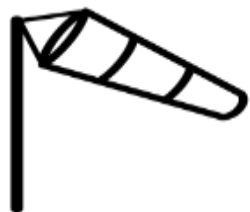
15- Name the state of matter in which heat travels by convection.

16- State the importance of lungs to a person.

17- Identify any one disease spread through poor disposal of faeces in the environment.

18- Which characteristic enables a frog to live both on land and in water comfortably?

19- Name the weather instrument below.



20- How best can one care for a hungry goat?

21- Why are bean plants grouped under legumes?

22- How is a queen excluder useful in a modern bee hive?

23- Name the part of a living house that takes in fresh air.

24- Which deficiency disease is prevented by including proteins in the baby's diet?

25- Write one activity done to make water safe for drinking.

26- Name any one harmful substance contained in tobacco smoke.

27- Name the animal whose young one is a lamb.

28- Mention any one example of a natural fertilizer.

29- Why is salt included in the preparation of ORS?

30- Name the last vaccine to be administered to a baby.

31- Give any one way of controlling ticks on a cattle farm.

32- In which units is temperature measured?

33- State any one reason why people iron their clothes.

34- Describe the danger of using sharp objects to clean our ears.

35- How is docking useful in sheep rearing?

36- Why is coffee grouped under perennial crops?

37- Write any one component of blood.

38- Name the example of a reptile without limbs.

Below is a diagram of an equipment.



39- How is the equipment useful to a first aider?

40- State one example of a traditional bee hive.

SECTION B

41- Name the part of a flower that attracts pollinators.

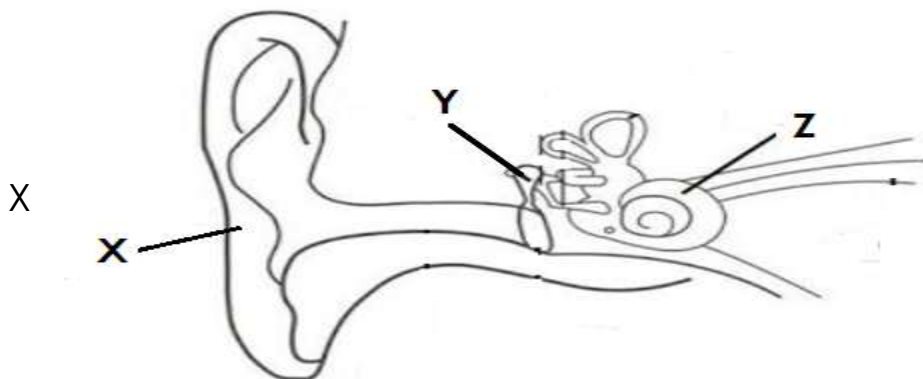
b) What is pollination?

c) Give one use of flowers to;

(i) plants

(ii) people

42- **Below is a diagram of the human ear. Use it to answer questions that follow.**



a) Name the parts labeled Y and X

Y _____

b) How is part X useful on the above diagram?

c) Apart from hearing, state another function of the human ear.

43- Mention any two examples of root tubers (plants that store food in roots)

(i) _____

(ii) _____

b) How does the eating of root tuber prevent marasmus among children?

c) Mention any one method of controlling pests in a root tuber garden.

44- To which group of birds does each of the following birds belong;

(i) Ostrich _____

(ii) An
eagle _____

b) Give any one similarity between birds and reptiles.

c) Why is a bat grouped under mammals?

45- What is a resource?

b) Mention any two examples of resources in the environment.

(i) _____

(ii) _____

c) How is wind useful as a resource in the environment?

46- Mention any two diseases spread by mosquitoes.

(i) _____

(ii) _____

b) Suggest any two ways of preventing diseases spread by mosquitoes.

(i) _____

(ii) _____

47- Name any two types of bees in a bee hive.

(i) _____

(ii) _____

b) Mention any two products from bees.

(i) _____

(ii) _____

48- Which term refers to the practice of covering top soil using dry plant materials.

b) Give two reasons why farmers carry out the practice in (a) above on their farms.

(i) _____

(ii) _____

c) Mention any one disadvantage of the above practice.

49- Give two advantages of keeping local breeds of cattle.

(i) _____

(ii) _____

b) Identify any two examples of cattle parasites controlled by dipping.

(i) _____

(ii) _____

50- Name two physical processes involved during distillation when making alcohol.

(i) _____

(ii) _____

b) Write one effect of taking alcohol to an individual.

c) Give any one use of alcohol.

51- Give one word in the study of sound to mean;

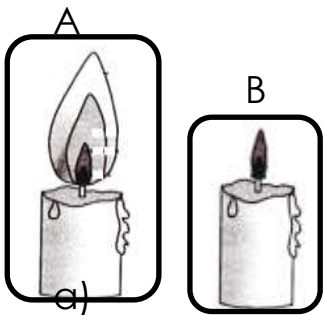
(i) The highness or lowness of sound

(ii) The loudness or softness of sound.

b) How does a xylophone produce sound energy?

c) Give any one way in which echoes are reduced in cinema halls.

52- The diagram below is an experiment carried out by a P.5 child. Use it to answer questions that follow.



a) What was the experiment about?

b) Why did the candle continue burning for a short time in A?

c) Give the reason why the candle stopped burning in B

d) Name the gas needed for burning to take place.

53- Name the part of the body where respiration takes place.

b) How are lungs important during respiration?

c) Mention any one disease that attacks the lungs.

d) What happens to lungs when breathing in (Inhalation)?

54- In which state of matter is water at 0°C?

b) Why is water called matter?

c) Name the form of energy used for;

(i) Ironing clothes._____

(ii) Making starch in plants.

55- Match the following vectors to the diseases they spread.

List A

a) Tsetse fly

b) Infected dog

c) Black fly

d) Rat flea

List B

river blindness

bubonic plague

sleeping sickness

rabies

a) Tsetse fly_____

b) Infected
dog_____

c) Black fly_____

Rat flea _____

END