DIVINE EDUCATION CENTRE

P.7 BEGINNING OF TERM 1 EXAMINATION

2023

INTEGRATED SCIENCE

Time allowed: 2hours 15 minutes

Random No.						Personal No.		

Candidate's name: .....

Candidate's Signature: .....

District No:

Read the following instructions carefully:

1. Do not write your **school** or **district name** anywhere on this paper.
2. This paper has two sections **A** and **B**. Section **A** has **40 questions** and **section B** has **15 questions** .This paper has **12 pages** printed altogether.
3. Answer **all** questions. All the working for both sections **A** and **B** must be shown in the spaces provided.
4. **All** working must be done using a **blue** or **black** ball point pen or ink. Any work done in pencil will **NOT** be marked except drawings and diagram.
5. Unnecessary **changes** in your work and handwriting that cannot be easily read may lead to loss of marks.
6. 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.	**MARKS**	**EXR'S No.**
1 - 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 - 55		
TOTAL		

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Turn Over

SECTION A (40 MARKS)

Questions 1 to 40 carry 1 mark each

SECTION A

1- Apart from an apple, state any other one example of a pome.

_____

2- Name the breathing organ of a spider.

_____

3- Mention any one mineral deficiency disease.

_____

4- State one way how plants with weak stems climb others.

_____

5- Give one example of a flightless bird.

_____

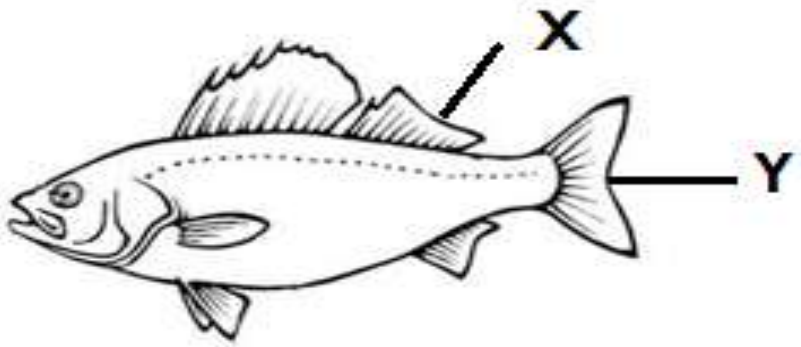
6- How are tsetse flies dangerous to animals?

_____

7- What food value is present in honey?

_____

8- How is the use of part X different from that of Y on the diagram below?



_____

9- To which group in the animal kingdom does a bat belong?

_____

10- Give a reason as to why it belongs to the group you have named above

_____

11- Name the type of thermometer that uses both alcohol and mercury in it.

_____

12- Why do birds and fish have streamlined bodies?

_____

13- What name is given to the larva stage of a mosquito?

_____

14- How does a drum produce sound?

_____

15- Give one reason why health workers should give drug prescription to their patients.

_____

16- Apart from onions and garlic, state any other one example of a bulb

_____

17- In the space provided below, draw a simple palmate leaf.

18- How is epigeal germination different from hypogeal germination?

_____

_____

19- How are birds like sunbirds important to crop farmers?

_____

20- Name the type of soil erosion that commonly occurs in hilly areas.

_____

21- Why is a toadstool regarded as a saprophyte?

_____

22- To which group of birds does a horn bill belong?

_____

23- Name one example of an animal hunted and eaten by birds whose beak is shown below

_____

24- Name the component of blood that transports digested food in the body.

_____

25- How can the spread of east coast fever be controlled on a cattle farm?

_____

26- Why do worker bees die after stinging their enemies?

_____

27- State one reason why cattle keepers use warm water to clean the udder of a cow before milking.

_____

28- Name the vaccine given to pregnant mothers.

_____

29- Why is it encouraged to pour cold clean water around the burnt part of a person?

_____

30- State a reason why sound cannot travel through vacuum

_____

31- What enables a gecko to move upside down ceilings?

_____

32- Which part of air helps to improve on sol fertility?

_____

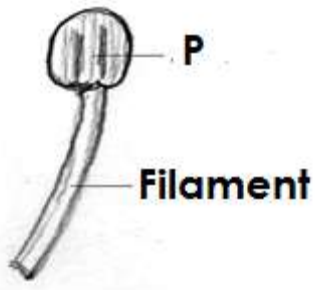
33- Give any one reason why farmers harvest their crops during dry season.

_____

34- Name the part of the alimentary canal where mineral salts are absorbed into the blood stream.

_____

Use the diagram below to answer questions that follow.



35- What name is given to the drawn part of a flower?

_____

36- Name the part marked P

_____

37- How do sea mammals keep their bodies warm in water?

_____

38- State one group of plants that do not bear flowers.

_____

39- Which type of soil is the best for making ceramics?

_____

40- What name is given to food made by plants?

_____

SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41- Name the vector that spreads bilhaziasis to people.

_____

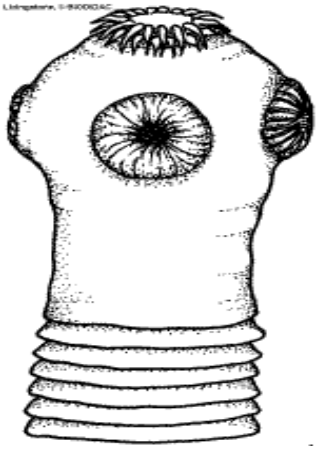
b) How is the habitat of coelenterates similar to that of tadpoles?

_____

c) Name two examples of molluscs without body shells

(i)_____ (ii)_____

42- Study the diagram below and answer questions that follow.



(a) Name the internal parasite shown in the diagram.

_____

(b) What does the parasite above feed on in the body?

_____

(c)How does the above parasite enter the human body?

_____

(d) Give one way of controlling the above parasites in children?

_____

43- Give any two ways of saving energy at home.

(i)_____

(ii)_____

(b) Write two dangers of using wood fire over electricity.

(i)_____

(ii)_____

44- Give any two factors leading to teenage pregnancy

(i)_____

(ii)_____

(b) State any two ways in which school children can avoid teenage and unwanted pregnancy.

(i)_____

(ii)_____

45- Give any two components of water.

(i)_____

(ii)_____

(b) Define the term hard water.

_____

(c) State one way of removing hardness from water.

_____

46- Match the immunisable diseases below to their signs

Disease	**sign**
Tuberculosis	swollen neck
Measles	paralyzed limbs.
Diphtheria	chronic cough
Poliomyelitis	skin rash

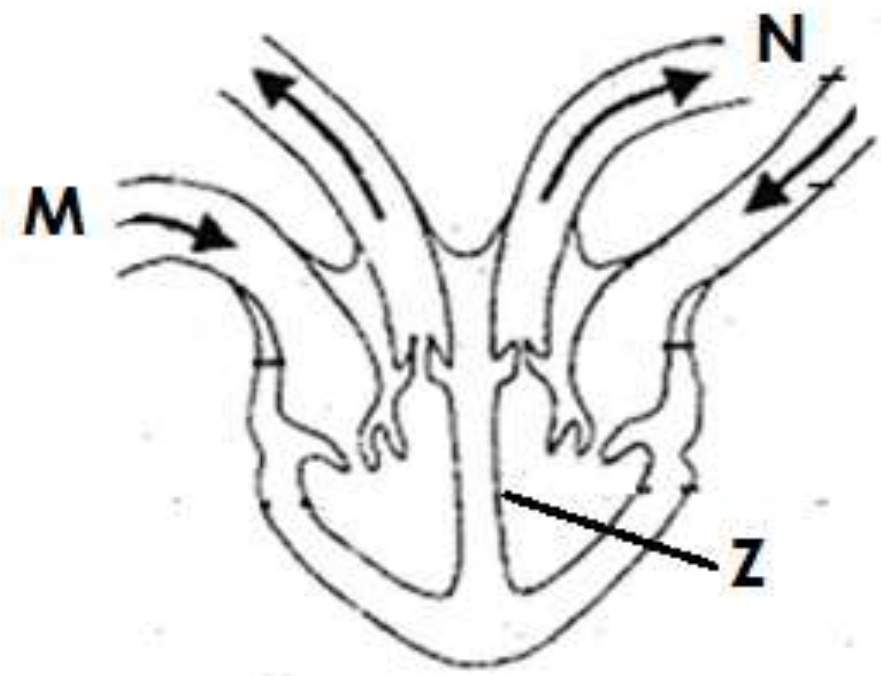
Tuberculosis _____

Measles _____

Diphtheria _____

Poliomyelitis _____

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



(a) How is blood at N different from that at part M

_____

(b) State the role of muscle L to the above body organ.

_____

(c)Give two ways of promoting the proper working of the above body organ

(i)_____

(ii)_____

48- Name one poisonous substance found in tobacco

_____

(b) Why do people smoke tobacco?

_____

(c) Name the body organ greatly affected by smoking tobacco.

_____

(d) State one way of avoiding smoking tobacco.

_____

49- Define the term dehydration

_____

_____

b) State two causes of dehydration

(i)_____

(ii)_____

c) Why is sugar included in the making of ORS?

_____

d) Give any one sign of a dehydrated person.

_____

50- State any two reasons why some farmers would prefer rearing goats to cattle.

(i)_____

(ii)_____

b) Mention one example of an exotic breed of goat kept for milk production.

_____

c) Name the fibre got from goats.

_____

51- The table below shows human body organs and the systems to which they belong. Study it and compete it correctly.

Organ	System
Lungs _____ Enzymes _____	_____ Circulatory _____ Excretory

52- Name any one example of a reptile that has a shell.

_____

b) How are reptiles similar to birds?

_____

_____

c) Mention any one example of a mammal that uses echo to detect its food.

_____

d) Apart from the mammal you have mentioned above. State any other animal that uses echo.

_____

53- Mention any two examples of solitary insects in our local environment.

(i)_____

(ii)_____

b) State two ways in which insects may be harmful to people.

(i)_____

(ii)_____

54- Identify the method that can be used to separate each of the following

a) Small stones from rice

_____

b) Oil from water

_____

c) Iron fillings from flour

_____

d) Husks from millet

_____

55- State the importance of the following garden tools below.

(i) Garden fork

_____

(ii) Forked hoe

_____

b) Suggest two ways how metallic garden tools can be prevented from rusting.

(i)_____

(ii)_____

END