



REAL EDUCATIONCONSULT

MOCK SET I EXAMINATION TERM II 2024

INTEGRATED SCIENCE

PRIMARY SEVEN

Time Allowed: 2 HRS 15 MINUTES.

Index No.

EMIS No.					Personal No.				

Candidates' Name:

Candidates Signature:

EMIS No:

District Name:

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

Read the following instruction carefully

1. This paper has two sections : A and B. Section A has 40 questions (40 marks) Section B has 15 questions (60 marks)
2. Answer All questions. All answers to both sections A and B must be written in the spaces provided.
3. All answers **must** be written using a **blue** or **black** ball- point pen or Ink. Any work written in pencil will **not** be marked.
4. Unnecessary **Changes** in your work and handwriting that cannot easily be read may **lead to loss of marks.**
5. Do not fill anything in the table indicated:
"For Examiners' use only"

FOR EXAMINERS' USE ONLY

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

SECTION A (40 MARKS)

1. Mention one item used to manage rainy weather.

2. In which part of the kidney does filtration take place?

3. Write down one principle of PHC.

4. Give one artificial method of birth control that stops ovulation.

The diagram below is of a routine practice done to banana plants. Use it to answer questions 5 and 6.



5. Identify the routine practice above.

6. Why do crop farmers carry out the routine practice above?

7. On which principle of light does a periscope work?

8. Give one way plastics can be reused at home.

9. Write down any one scale used to measure human body temperature.

10. State one danger of insects to human health.

Study the simple machine below to answer questions 11 and 12.



11. To which group of levers does the machine above belong?

12. Using an arrow with letter P, show the position of the fulcrum on the machine above.

13. Give one reason why water for drinking should be boiled before it is consumed.

14. State one advantage of grafting method of propagating lemons.

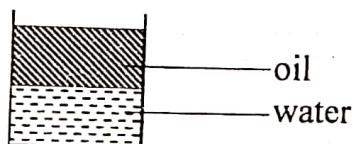
15. Name the method of heat transfer that does not require molecules of matter to take place.

16. How does a bacterium reproduce?

17. Mention one factor that leads to drug abuse.

18. Which structure is used by a housefly for feeding?

A P.7 class mixed oil and water in a jug as shown below. Study to answer questions 19 and 20.



19. Why did the two liquids form separate layers?

20. Give the method used to recover oil from the water.

21. State one method used to overcome friction in moving parts of machines.

22. From which metal is the filament of an electric bulb made?

23. Write down one sign of Kwashiorkor in children.

24. What is hardening off?

25. Name any one enemy of bees.

26. How is charcoal obtained from tree logs?

The diagram below shows a method of obtaining milk from a cow. Study it to answer questions 27 and 28.



27. Identify the method of milking shown above.

28. State one disadvantage of the above method of milking.

29. How can the spread of ringworm infection be controlled among school pupils?

30. State one reason why accidents victims are first aided.

31. Name any one method of storing sound.

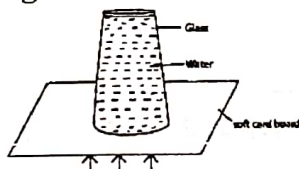
32. Why are fire extinguishers painted with bright colours?

33. Which component of air do plants require to build up their proteins?

34. Mention one difference between mass and weight in terms of measurement.

35. Write down one way of increasing the strength of an electromagnet.

The diagram below shows a property of air. Study it to answer questions 36 and 37.



36. Mention the property of air shown above.

37. Why didn't the hard paper fall off when the glass was inverted?

38. State the practice that is carried out to protect sheep against excessive body heat in a dry season.

39. Write down the source of tidal electricity.

40. How does a seal breathe?

SECTION B (60 MARKS)

41a) Name the rabbit breed kept mainly for fur production.

b) In which way does fur on the body of a rabbit keep it warm?

c) What name is given to the manufactured feeds for rabbits?

d) Give one advantage of rearing rabbits.

42. The illustration below shows a food relationship in organisms. Use it to answer questions about it.

grass → toad → bacteria → insect

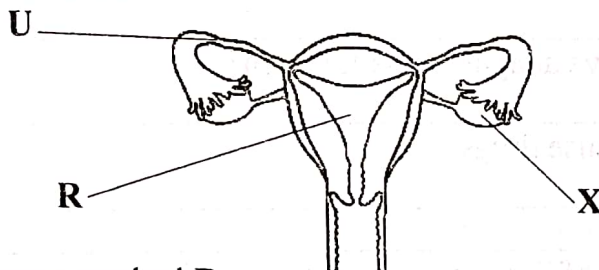
a) Rearrange the organisms above to form a correct food relationship.

b) Name the source of energy in the above food relationship.

c) Why is grass regarded as a producer in the food relationship above?

d) Apart from food, give one other way animals benefit from animals.

43. The diagram below is of a female reproductive system. Use it to answer questions about it.



a) Identify part marked R.

b) Mention any one hormone produced by part X.

c) Which method of birth control involves the cutting of part U?

d) State one way of keeping the above system in a healthy condition.

44a) What are root tubers?

b) Name the root tuber which is regarded as a cover crop.

c) How is the root tuber named in b) above propagated?

d) Give one characteristic of root tuber pests

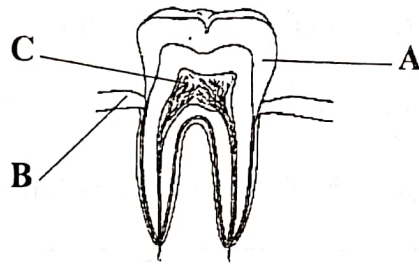
45a) Name the container in which animal wastes are put to generate methane for cooking food.

b) Why is the above container usually buried in the soil?

c) Give one advantage of using methane for cooking food.

d) Apart from methane, give one other example of a biofuel.

46. The diagram below is of a human tooth. Use it to answer questions about it.



a) Identify parts A and B.

A _____ B _____

b) State the function of part C to the tooth.

c) How is the type of tooth above adapted to its function?

47a) Give two ways people misuse drugs.

i) _____

ii) _____

b) What does '2x3' on a packet of Panadol tablets represent?

c) Mention one factor considered when prescribing drugs.

48a) Give two examples of physical changes.

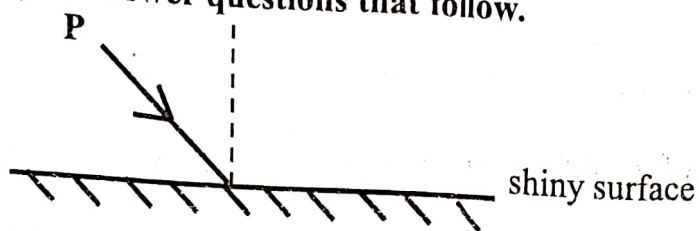
i) _____

ii) _____

b) Write down one characteristic of chemical changes.

c) Give one difference between chemical changes and biological changes.

49. The diagram below is of a light ray striking a shiny surface. Study it carefully to answer questions that follow.



- a) Name ray marked P.
- b) Complete the diagram correctly to show what happens when ray P lands on the shiny surface.
- c) Which type of reflection is shown above?
- d) Mention one device that produces the type of reflection in c) above.

50a) Give any one form of cannibalism in poultry.

b) State any one cause of cannibalism in poultry.

c) How do the following practices help in the control of egg eating?

i) Debeaking

ii) Keeping laying nests in dark corners

51a) Name any two plants that reproduce by sporulation.

i) _____

ii) _____

b) Give two economic importance of conifers to people.

i) _____

ii) _____

52. Match the following correctly.

A

B

Lice

sleeping sickness

Tsetse flies

bubonic plague

Rat fleas

filariasis

Mosquitoes

typhus fever

Lice _____
 Tsetse flies _____
 Rat fleas _____
 Mosquitoes _____

53a) Give the meaning of the following terms as used in sound;

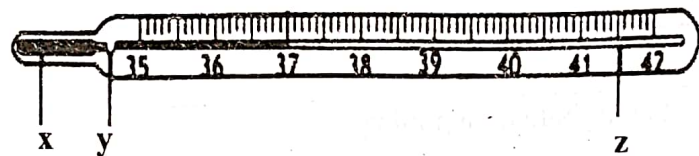
i) Echo

ii) Pitch

b) Give one advantage of echoes in our environment.

c) In which way does tension of a string affect its pitch?

54. The diagram below is of a clinical thermometer. Study it carefully to answer questions about it.



a) State the function of part y.

b) Name part x.

c) Why is part z made very narrow?

d) Give a reason why part x is put under the armpits when measuring body temperature.

55. Complete the table below correctly.

Joint	Example
Ball and socket joint	_____
_____	elbow joint
_____	wrist joint
Pivot joint	_____

END