



MILESTONE EDUCATIONAL COMPANIES

PRE- MOCK EXAMINATIONS

2024

INTEGRATED SCIENCE SPECIAL SET 3

Time allowed: 2hours 15 minutes

Random No.						Personal No.		

Candidate's name:

Candidate's Signature:

District No:

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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 **10 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 – 50		
51		
52		
53		
54		
55		
TOTAL		

SECTION A: 40 MARKS

1. What type of weather is suitable for preserving harvested seeds?

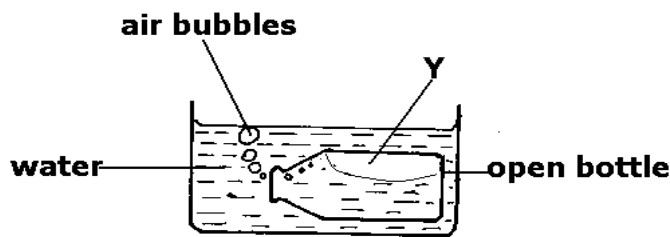
2. Why are cockroaches regarded as vectors?

3. Why is rain regarded as the main source of water in the environment?

4. Identify one role of parents in promoting immunization in a family.

5. Which intestinal worm enters the body through eating undercooked meat?

Use the diagram below to answer question 6.



6. Mention the property of air shown in the diagram above.

7. State any one way a P.7 pupil can promote oral hygiene.

8. Why is rainfall measured in millimeters?

9. What does letter **A** stand for in the word PIASCY?

10. State any one way of controlling the spread of diarrhoea diseases at home.

11. Give any one reason why farmers keep records on their farms.

12. Why is Oxygen not used in fire extinguishers?

13. On which main body part of a housefly are the spiracles found?

14. Which part of a leaf has the same function as gills of a fish?

15. Why are beans grouped under legumes?

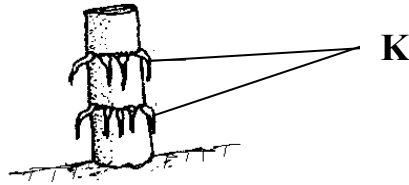
16. Give the difference between air and wind.

17. State any one way of caring for your hair.

18. How is rotting important in soil formation?

19. State the use of a garden trowel on the farm.

Below is an example of a root. Use it to answer question 20 and 21.



20. Name the roots marked K.

21. Mention any one plant with such roots.

22. Write any one component of a first aid box used for killing germs on injuries.

23. What causes marasmus?

24. How is cassava propagated?

25. Name the force that makes things thrown in space to fall down.

26. How important are trees planted in a school compound?

27. Which organ of the body helps us to see the rainbow in the sky?

28. Of what importance is oxygen to people?

29. Besides being used as food, state any one other importance of goats to people.

30. Name any one type of rabbit hutch.

31. Why is soap used during bathing?

32. Mention any one danger of playing rough games.

33. Name one group of living things.

34. How does carbon dioxide help to preserve bottled or canned drinks?

35. What is food path?

36. How is the practice of weather forecast important to crop farmers?

37. Why do we wash our hands before eating food?

38. In which one way are bacteria harmful to people?

39. State one condition that leads to rusting of iron metals.

40. Give one product from animal skins and hides.

SECTION B: 60 MARKS

41. a) What are poultry vices?

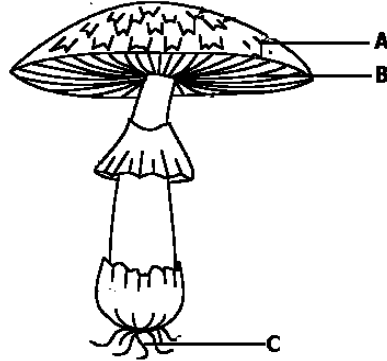
b) Mention any two examples of poultry vices.

i)

ii)

a) State any one way of controlling poultry vices on a poultry farm.

42. Study the diagram of a mushroom and answer questions that follow.



a) To which group of living things does it belong?

b) Name the part marked with letter A.

c) State the function of part marked with letter B.

d) What type of reproduction takes place in mushrooms?

43. (a) What are germs?

(b) Mention any two diseases that are not caused by germs.

(i)

(ii)

(c) Mention any one way of controlling the spread of germs in a community.

44.a) Write PHC in full.

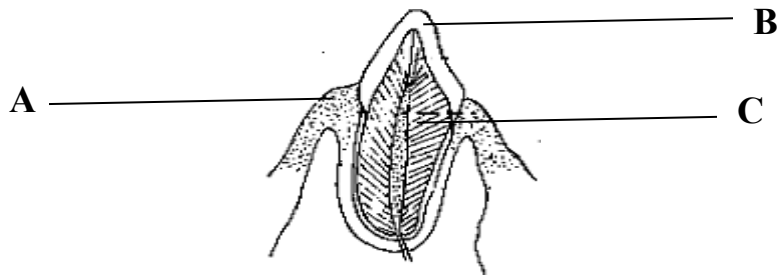
b) State any two elements of PHC.

i)

ii)

b) Give anyone way a P.7 pupil can participate in promoting PHC at school.

45. The diagram below shows a canine tooth. Use it to answer questions that follow.



a) Name the parts marked with letters A and B.

A

B

b) State the function of the above type of tooth to man.

c) Why do we care for the teeth?

46. a) What is the gestation period of a rabbit?

b) Why do farmers in Uganda rear rabbits?

c) Mention any one breed of rabbits kept in Uganda.

d) Name the protozoan disease of rabbits that also affects poultry.

47. a) What is dehydration?

(b) Give one sign of dehydration in babies.

(c) Oral Rehydration Solution is commonly used to treat dehydration. Name the component of Oral Rehydration Solution that provides energy to the dehydrated person.

d) Why does sugar and salt usually dissolve when mixed in water?

48.a) Complete the table below.

Disease	vaccine	Methods of administration
Polio	Polio vaccine	_____
Tuberculosis	_____	Injection
_____	DPT vaccine	Injection

b) How can a baby acquire natural immunity after birth?

49.a) What is first aid?

b) Write any two reasons why we give first aid.

i)

ii)

c) State any one quality of a good first aider.

50.a) What do we call changes that occur in living things?

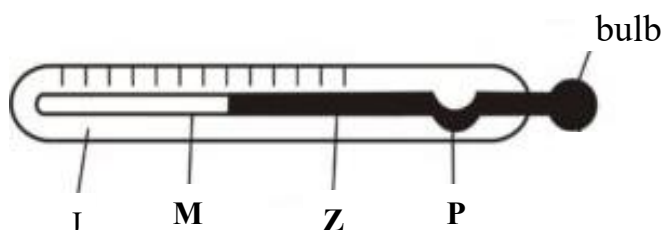
b) Mention any two examples of the type of change you have named in (a) above.

i)

ii)

c) Give any one characteristic of chemical changes.

51. Below is a diagram of a medical instrumental. Use it to answer question that follow.



a) Name the above drawn medical instrument.

b) What name is given to part marked with letter M?

c) How is the medical equipment above reset before using it on another patient?

d) How is the function of part marked P different from that of valves in a vein?

52.a) What is germination?

c) Name the two types of germination.

i) _____

ii) _____

c) Which requirement is needed to dissolve food for the growing embryo during seed

germination?

53. Match the list of chemicals in A with the organisms they control in B correctly.

List A

List B

fungicides

insects

pesticides

fungi

acaricides

weeds

herbicides

ecto-parasites

(i) fungicides

(ii) pesticides

(iii) acaricides

(iv) herbicides

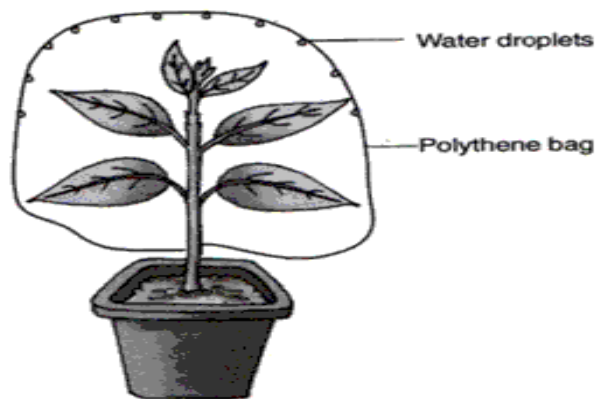
54.a) Give the meaning of the term **apiary** as used in bee keeping.

b) Give any one example of a traditional bee hive.

c) State the importance of honey to people.

d) Mention any one enemy of bees.

55. Below is a diagram showing one of the processes that take place in plants. Use it to answer questions that follow.



a) Name the plant process shown in the diagram above.

b) By what process are water droplets formed inside the polythene bag?

c) Give any one importance of the above process to plants.

d) State any one factor that affects the rate of the above plant process.

END