

PLE SECRET SET- LEAVE NO STONE UNTURNED

PRIMARY SEVEN

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Index Number:

Emis Number						Personal Number		

Candidate's Name:

Candidate's Signature:

School Name:

District Name:

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

Read the following instructions carefully

1. This paper has **two** sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions. The paper has **8** printed pages.
2. Answer **all** questions. **All** answers to both sections A and B must be shown in the spaces provided.
3. All answers **must** be written using a **blue** or **black** ball point pen or ink. Any answer written in pencils other than on graphs and diagrams will **not** be marked.
4. No calculators or **electronic** pens are allowed in the examination room.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
6. Do not fill anything in the table indicated: "**FOR EXAMINERS' USE ONLY**" and boxes inside the question paper.

FOR EXAMINER'S USE ONLY

Page NO.	MARKS	EX'ER'S INITIAL
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
TOTAL		

Turn Over

SECTION A (40 MARKS)

Question 1 to 40 carries 1 mark each)

1. Name any **one** part of the body trimmed to promote personal hygiene.

.....

2. State any **one** reason why animals make sounds.

.....

3. Give any **one** example of a flying mammal.

.....

4. Besides being vertebrate, how else are birds similar to mammals?

.....

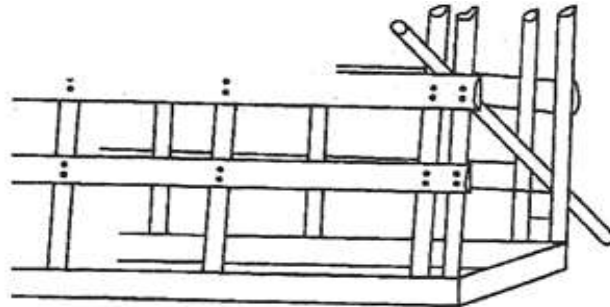
5. Give any **one** sense organ found on the human head.

.....

6. Name the vector which commonly breeds in stagnant water.

.....

The diagram below shows farm structure. Study and use it to answer the questions 7.



7. Give any **one** farm routine carried out in the structure shown above.

.....

8. State any **one** danger of preserving fish by smoking to the environment.

.....

9. Apart from capital, give **one** other requirement for starting a poultry farm

.....

10. Identify **one** accident that requires the use of splints in giving first aid.

.....

11. Give **one** exotic breed of goat reared for milk production.

.....

12. State any **one** condition which favours multiplication of bacteria.

.....

13. Give **one** disadvantage of using free range system in keeping poultry.

14. State **one** way of reducing echoes in a school hall.

15. Give **one** local material used for brushing teeth.

16. Mention any **one** way a P7 child can benefit from a magnet.

17. Identify **one** condition in babies that causes dry lips and a sunken soft spot on the head.

18. When oil is mixed with water, which of the two liquids will settle on top?

19. State any **one** reason why a fish dies immediately it is removed from water.

20. Which mineral salt is necessary for the formation of red blood cells in people?

21. State **one** use of fire in the poultry house.

22. Give any **one** problem of not brushing the teeth regularly.

23. Give **one** example of excretory systems

The diagram below shows property of air in use. Study and use it to answer the question 28.



24. Which property of air enables the young girl to drink soda using a straw?

25. What name is given to disease caused due to lack of a certain food value in one's diet?

.....

26. Give any **one** condition necessary for burning to take place.

.....

27. How is the work of a fuse similar to that of the switch?

.....

28. Give any **one** product harvested from animals without slaughtering them.

.....

29. How is smoking dangerous to a pregnant mother?

.....

30. State the best way in which P7 children can avoid contracting HIV/ AIDS.

.....

31. In which way is the use of solar energy good to our environment?

.....

32. Which body system help to remove harmful waste products produced by the body cells?

.....

33. In which way can a donkey be used as an energy resource?

.....

34. Which skeletal structure joins bones to muscles?

.....

35. Mention **one** PIASCY message.

.....

36. Why is a pregnant woman said to be a vulnerable person?

.....

37. Which element of PHC promotes quick recovery?



.....

38. Mention any **one** importance of a school health parade.

.....

39. Which component of soil is needed by plants to make food?

.....

40. State **one** similarity between a housefly and a fresh water snail.

SECTION B (60 MARKS)

(Question 41 to 55 carries 4 marks each)

41. a) Which term refers to a sudden happening that results into injury or death?

b) Give **two** examples of accidents which commonly happens at home.

(i).....

(ii).....

c) State any **one** effect of the accident to the causality.

42. The body confrontations below are for different types of cattle. Study and use them to answer the questions that follow.



(a) Name the type of cattle marked with letter A and B.

A:

B:

(b) Which main product do we get from type of cattle marked with letter A?

(c) Give any **one** way of improving on the products got from cattle A and B.

43. (a) What is seed dispersal?

(b) Name any **two** agents of seed dispersal.

(i).....

(ii).....

(c) State **one** advantage of seed dispersal in the environment.

44. (a) State any **one** reason why people keep bees.

(b) Give any **two** common bee pests you know.

(i).....

(ii).....

(c) Which type of bees has sperm sacs?

.....

45. The diagrams below are of beaks of two different birds. Use it to answer the questions that follow.



a) Name any **one** domestic bird which has beak **B**.

.....

b) How are birds with beak A dangerous to domestic birds.

.....

c) What nature of food does birds with beak **A** feed on.

.....

d) Give any **one** adaptation for birds to flight.

.....

46. Match the source of energy to the type of electricity produced.

<u>Source</u>	<u>Type of electricity</u>
a) Flowing water	Solar electricity
b) Hot springs	Thermal electricity
c) Burning of coal	Hydro electricity
d) The sun	Thermal electricity



(i) flowing water:

(ii) hot springs.....

(iii) burning of coal.....

(iv) the sun

47. a) What is sound?

.....

b) Name the sense organ used for detecting sounds.

.....

c) How does a drum produce sound?

.....
d) Give any **one** natural source of sound.

.....
48. a) What type of change takes place when a knife rusts?

.....
b) Give **two** conditions necessary for rusting to take place in a knife.

(i).....

(ii).....

c) State any **one** effect of rusting on a knife.

.....
49. Name **one** disease people are likely to get under the following condition.

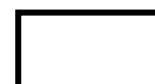
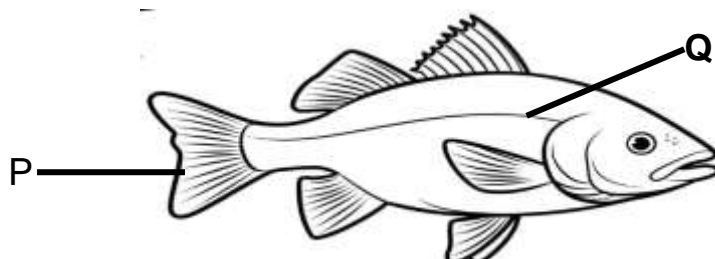
a) poor disposal of faeces:

b) poor feeding

c) having unprotected sex

d) poor personal hygiene

50. The diagram below is of a fish. Study and use it to answer the questions that follow.



a) Name the part marked with letter **Q**.

.....
b) How important are the part marked with letter **P**.

.....
c) Give any **two** adaptations of fish to live in water.

(i).....

(ii).....

51. (a) What is poisoning?

.....
(b) State any **two** signs of a person who has been poisoned.

(i).....

(ii).....

(c) Why should a person poisoned be given a lot of fluids?

.....

52. (a) What is transpiration?

.....

(b) Name any **one** factor that affects the rate of transpiration.

.....

(c) Give any **one** way plants manage transpiration.

.....

(d) How does transpiration help to modify the local climate?

.....

53. (a) Name the liquid component of blood.

.....

(b) Give any **two** functions of blood in the human body.

(i).....

(ii).....

c) In the space below, draw and name the shape of red blood cell.



54. (a) Give any **two** factors that lead to the formation of soil.

(i).....

(ii).....

(b) Mention any **two** factors that reduce the quality of the soil.

(i).....

(ii).....

55. (a) State any **one** importance of maintaining personal hygiene.

.....

(b) Give any **one** main use of a dental floss in promoting dental health.

.....

(c) Give **two** causes of poor teeth growth in children.

(i).....

(ii).....