

**WEST-NILE PRIMARY SCHOOLS HEADTEACHERS' ASSOCIATION  
(WENIPSHA)**

**P.7 REGIONAL MOCK EXAMINATION, 2023  
INTERGRATED SCIENCE.**

**TIME ALLOWED: 2 HOURS 15 MINUTES.**

NAME: \_\_\_\_\_

INDEX No: 

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SCHOOL: \_\_\_\_\_

DISTRICT: \_\_\_\_\_

**INSTRUCTIONS:**

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.  
READ THE FOLLOWING INSTRUCTIONS CAREFULLY:**

1. This 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 easily be read may lead to loss of marks.
8. Do not fill anything in the boxes indicated.

**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		
<b>TOTAL</b>		

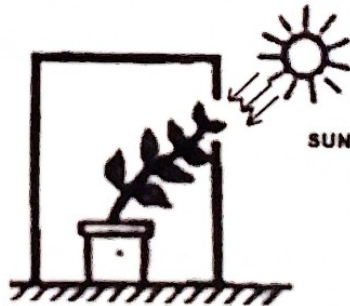
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**@ WENIPSHA REGIONAL MOCK 2023 SCIE**

### SECTION A:

1. Which group of flowering plants have root nodules?  
\_\_\_\_\_
2. Identify any one function of water in our body.  
\_\_\_\_\_
3. How does de-beaking help to control egg eating in poultry farm.  
\_\_\_\_\_
4. How is valve in heart and Kink in clinical thermometer similar in terms of their function.  
\_\_\_\_\_
5. Identify the blood disease that is caused by protozoa.  
\_\_\_\_\_
6. Which layer of epidermis contain pigment that help to determine skin and hair colour in human beings?  
\_\_\_\_\_

The diagram below shows an experiment carried out by a P.6 pupil, use it to answer the questions that follow.



7. Give a reason why the above plant bent towards the sun.  
\_\_\_\_\_
8. Identify the plant response shown in the diagram above.  
\_\_\_\_\_
9. State a reason why honey does not go bad when left for long.  
\_\_\_\_\_



10. Give one example of water habitant disease.

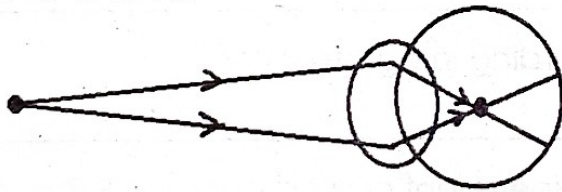
11. How is the reproduction in a moss plant different from that of a cypress tree?

12. Name the hormone that causes body changes in girls during adolescence.

13. Why is BCG vaccine administered at birth?

14. Name one part of the seed that forms embryo.

The diagram below shows a type of human eye defect. Use it to answer questions 15 and 16.



15. Which eye defect is shown above?

16. How is the above eye defect corrected?

17. Give the importance of conduction of heat in a home.

18. Which biological change does a chameleon use for protection?

A rabbit disease has the following signs and symptoms:-

- Itching ears
- Wounds in ears.

19. Identify the above rabbit disease.

20. Which intestinal worm feeds on the digested food in man.

21. How does mulching promote soil fertility?

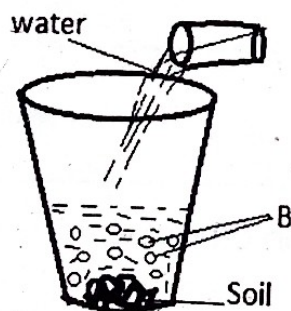
22. Which class of food is important for a labourer?

23. Name one example of a non-renewable resource.

24. What weather instrument tells the strength of wind?

25. Give one advantage of pollarding in agroforestry.

The diagram below shows an experiment carried out by a P.7 pupil. Study it and use it to answer the question.



26. What does the experiment show?

27. What does letter **B** represent in the experiment?



28. Give one use of a pulley in a school environment.
- 
29. State the importance of the small bones in the human ear.
- 
30. Which effect of accidents largely affect the community?
- 
31. What happens to an object of density  $5\text{g/cc}$  when put in water of density  $7\text{g/cc}$ ?
- 
32. Give the meaning of detashing as used in land clearing.
- 
33. Which property of magnetism is used in compass?
- 
34. Name any one example of animal fibre.
- 
35. Which tuber crop is propagated by means of seeds?
- 
36. How are rat guards useful to a crop farmer?
- 
37. Name the substance in tobacco which promotes addiction.
- 
38. Where in the alimentary canal does absorption of water take place?
-

b) State the importance of the type of weather given in (a) above.

c) Name the instrument for measuring amount of rainfall.

d) Why is the above instrument placed in an open place?

49. a) What is the recommended distance of a pit latrine from a home stead?

b) How does vent pipe on ventilated improved pit latrine reduce bad smell in VIP latrine.

c) Which structure on a VIP latrine traps house flies?

d) Give a reason why VIP latrine holes is always left open.

50. a) Name any one type of friction.

b) Which structures on shoe soles increase friction?

c) How do the structures mentioned in part (b) above increase friction.

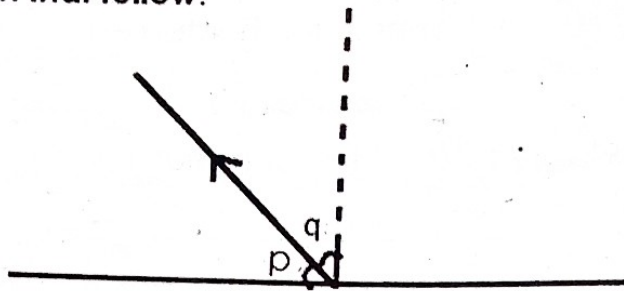
d) Mention any one way in which friction becomes a nuisance force.

51. a) which is the best food for the baby?

b) Give reason for your answer in part (a) above.



The diagram below shows reflection on a plane mirror. Use it to answer the question that follow.



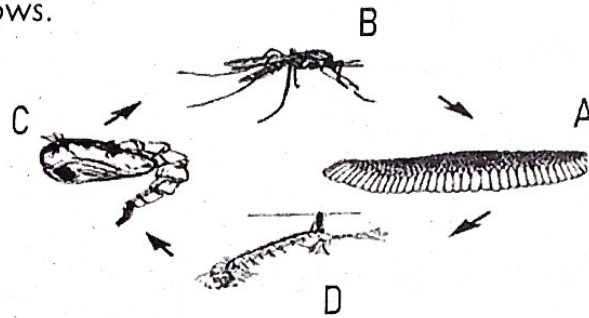
39. Complete the diagram to show incident ray.
40. Which letter in the diagram represent angle of reflection?

### SECTION B.

41. a) What causes transpiration in our environment?
- b) Give any two advantages of transpiration to plants.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- c) By what process is dew formed?
42. a) Name the liquid which causes a burn.
- b) Why should the first aider put the burnt area in cool water?
- c) What is the danger of putting sugar on burnt areas?
- d) Mention any one way of preventing burns in our homes.

d) Identify one life skill that can be used to avoid stealing in the community.

46. The diagram below shows life cycle of a mosquito. Use it to answer the question that follows.



a) Identify the type of mosquito with above life cycle.

b) Which letter represents the stage which is controlled by draining stagnant water?

c) Name the disease spread by the above type of mosquito.

d) How does pouring of oil on stagnant water help to control the breeding of the above mosquito?

47.a) Name one secondary sex characteristics common to both boys and girls.

b) Identify any one example of Natural family planning method.

c) Mention two disadvantages of Natural family planning method.

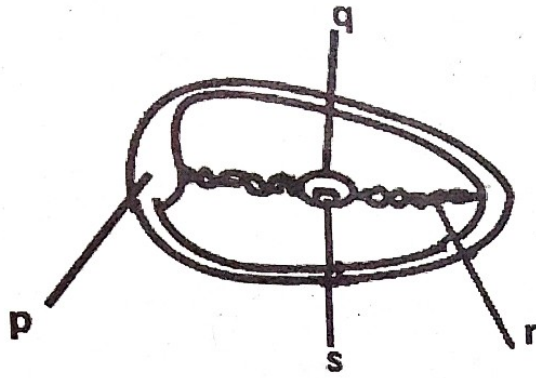
i) \_\_\_\_\_

ii) \_\_\_\_\_

48.a) Give one type of weather.



43. The diagram below is of an egg. Use it to answer questions that follow.



a) How is part marked **P** useful to the embryo?

b) Name the part marked with letter **S**.

c) What food value do we obtain from eating an egg?

d) By means of an arrow, indicate the albumen.

44. a) Which natural fertilizer is obtained from animal wastes?

b) Give a reason why farmers protect heaps of manure from rain.

c) State two advantages of Natural fertilizer.

i) \_\_\_\_\_

ii) \_\_\_\_\_

45. a) What is antisocial behaviour?

b) Give one example of antisocial behaviour.

c) State one cause of antisocial behaviour in community.

c) How is breast feeding useful to the following:-

i) To the baby. \_\_\_\_\_

ii) To the mother. \_\_\_\_\_

52.a) Give any one energy resource from water.

\_\_\_\_\_

b) Write down two ways of conserving plant resources.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Mention any one advantage of using electricity.

\_\_\_\_\_

53. a) Which type of bee is killed and removed away by others?

\_\_\_\_\_

b) Give the structure for laying eggs on a queen bee.

\_\_\_\_\_

c) How are the following materials useful to bees?

i) Water: \_\_\_\_\_

ii) Propolis: \_\_\_\_\_

54. a) Give one way of storing sound.

\_\_\_\_\_

b) Which device changes electrical energy to sound energy?

\_\_\_\_\_

c) What is an echo?

\_\_\_\_\_

d) How are echoes reduced at cinema halls and theatre?

\_\_\_\_\_



55. The table below shows names of sexually transmitted diseases, their causes and signs. Complete the table correctly.

Name of STD	Cause	Sign
a) _____	Candida Albicans	Pinkish itchy Vagina
AIDS	HIV	b) _____
Syphillis	Bacteria Pallidum	c) _____
d) _____	Bacteria G. Neisseria	Pus discharge

%% GOODLUCK %%