

# JUSANY WINNERS MIXED SCHOOL

## PRIMARY SEVEN PRE MOCK EXAMINATIONS 2024

### INTEGRATED SCIENCE SET III

*Time allowed: 2 hours 15 minutes*

Candidate's Name: \_\_\_\_\_

Candidate's Signature: \_\_\_\_\_

School Name: \_\_\_\_\_

Read the following instructions carefully:

1. The 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 crossing of work may lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated;

For Examiner's use only.

FOR EXAMINER'S USE ONLY
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Qn. No	MARK	SIGN
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

*Turn over*

**SECTION A: 40 MARKS**

(Questions 1 to 40 carry one mark each)

1. State **one** way in which a child gets natural immunity.

.....  
2. Give **one** factor to be considered when choosing a site for a school garden.

.....  
3. Give any **one** use of reptiles to man.

.....  
4. What energy change takes place immediately a ball is kicked?

.....  
5. Why is it a bad practice to store cooked food in room where domestic animals are kept?

.....  
6. Name any **one** by-product of respiration.

.....  
7. How do conifers differ from other non-flowering plants?

.....  
8. How does a sweater help to keep a person warm during cold days?

.....  
9. How does a millipede protect itself from danger?

.....  
10. How do road builders increase friction on the surface of the road?

.....  
11. Why is dew formed at night?

.....  
12. Give any **one** sign of dehydrated person.

.....  
13. What is the disadvantage of having anthills near gardens?

14. Why does blood go to the kidneys during circulation?

15. Why is it a bad habit to cut finger nails using teeth?

16. What kind of change takes place when ice melts to form water?

17. State any **one** problem of early pregnancy to a school girl below 18 years.

18. What form of energy does a falling stone have before it reaches the ground?

19. Give any **one** way in which litter is important in a poultry house.

20. State **one** effects of heat on a metal

21. Why does a coin sink when it is placed in a basin full of water?

22. Why are vaccine used in the prevention of certain diseases?

23. Name the energy resource obtained from animal dung and urine

24. Name any **one** mammal that lives in water.

25. Why is it important for a husband and his wife to be treated together if they have got gonorrhea?

26. What causes an echo?

27. Give any **one** use of the placenta to the foetus during pregnancy

28. Give **one** way in which the use of solar energy is good to our environment.
- .....
29. State any **one** way in which smoking affects the human respiratory system.
- .....
30. Apart from ears, mention any **one** other sense organ in living organisms.
- .....
31. What structures on the leaf of a plant help in the process of transpiration?
- .....
32. Why is water obtained by distillation method not good for drinking?
- .....
33. Why is a clay soil able to retain water much longer than the other types of soil?
- .....
34. What process will you use to recover salt which has dissolved in water?
- .....
35. Give any **one** way in which a Child Card is important to a school Health Committee.
- .....
36. How does the breathing of an adult frog differ from of a tadpole?
- .....
37. Give any **one** way in which bacteria are dangerous to human beings.
- .....
38. State **one** way in which rain may be a disadvantage to a crop.
- .....
39. State **one** natural source of sound energy.
- .....
40. Give **one** activity the community can do to reduce road accidents.
- .....

## Section B (60 marks)

Question 41 to 55 carries 4 marks each)

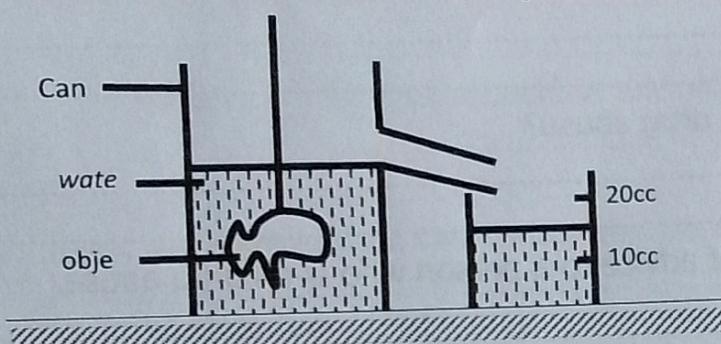
41. (a) Suggest two reasons why young farmers' clubs are important in schools

- (i).....
- (ii).....

(b) Give any two activities that can be done by young farmers' clubs in school.

- (i).....
- (ii).....

42. An experiment was done by a P 7 class as shown in the diagram below. Use it to answer the question that follow.



(a) When is such a method of finding volume used?

(b) If the object above has a density of  $3 \text{ g/cm}^3$ . Find the mass of the object.

43. How does each of the following animals protect itself against its enemies?

- (a) Tortoise: .....
- (b) Wasp: .....
- (c) Millipede : .....
- (d) Chameleon: .....

44. Study the table below and answer the question that follow

LIST A	LIST B
Rat	Tilapia
Goat	Frog
Lion	Crocodile
whale	Dove

(a) What is the similarity in the way animals in list B reproduce?

.....

(b) To which class of animals do those in list A belong?

.....

(c) In which way is tilapia in list A similar to a whale in list B ?

.....

(d) What is common about the animals in list A and list B?

.....

45. (a) What is meant by drug abuse?

.....

(b) Give any **two** pieces of advice to a person who is on drug abuse.

(i) .....

(ii) .....

(c) Give any **one** reason why a patient should take a drug only when it is prescribed by a medical person.

.....

46. (a) Give any **two** reasons for preserving food

(i) .....

(ii) .....

(b) Give any **one** traditional way of preserving fish in Uganda.

.....

(c) Why is smoking not a good method of preserving meat?

.....

47. (a) Suggest **two** methods that can promote the idea of PHC in a school.

(i) .....

(ii) .....

(b) State any **two** activities that committees should do in your village.

.....

48. (a) Give any **two** characteristics of insect pollinated flowers.

(b) Why is a moth able to pollinate plants at night?

(c) State the difference between self-pollination and cross pollination

49. (a) How do bacteria reproduce?

(b) Give **two** examples where bacteria are useful to human beings.

(i).....

(ii).....

(c) State any **one** way we can control danger caused by the bacteria.

(i).....

(ii).....

50. (a) Give any **two** conditions in which women are vulnerable

(i).....

(ii).....

(b) State **two** ways in which family members can care for vulnerable women.

(i).....

(ii).....

51. (a) What type of change takes place when an iron tool rusts?

(b) Give **two** conditions necessary for rusting to take place on an iron tool

(i).....

(ii).....

(c) State any **one** effect of rusting on iron tools.

52. (a) Name any **two** products got from sheep.

(i).....

(ii).....

(b) What does shearing refer to in sheep rearing?

(c) How can a farmer control pneumonia in sheep?

.....  
.....

53. (a) Name the respiratory organ which is protected by the rib cage.

.....  
.....

(b) What happens to the rib cage during the following process:

- (i) breathing in? : .....
- (ii) breathing out? : .....

(c) Give the use of oxygen we breathe in.

.....  
.....

54. (a) State any **one** method of making alcohol.

.....  
.....

(b) Give any **one** way in which alcohol is used in hospitals.

.....  
.....

(c) State any **two** effects of alcoholism to an individual.

- (i) .....
- (ii) .....

55. (a) Apart from providing balanced diet, give **two** other ways of caring for pregnant women.

(i) .....

(ii) .....

(b) In which **one** ways should pregnant women protect their unborn babies from malaria?

.....  
.....

(c) Why are pregnant women advised not to smoke?

.....  
.....