

ST.VIANNEY JUNIOR SCHOOL-GAYAZA

MID – TERM 11 EXAMINATIONS 2023

P.6 SCIENCE

Time Allowed: 2hours 15 minutes

Name: Stream:

Read the following instructions carefully:

1. The paper has **two Sections: A and B**
2. Section **A**, 40 questions (40 marks)
3. Section **B** 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 answer 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 box 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:

1. Name any one group of invertebrates.

2. Give one advantage of free range system to a poultry farmer.

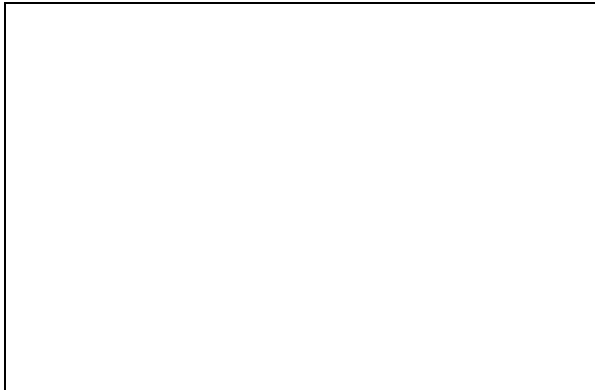
3. State one life skill a P.6 pupils should do to prevent smoking.

4. Write one major cause of dehydration.

5. In which one way can you care for the circulatory system?

6. Name the type of clouds which show a clear sign of rainfall.

7. Draw a beak of a swimming bird in the space provided below.



8. Give any one way one can acquire natural immunity.

9. In which one way are dicotyledonous seeds different from monocotyledonous seeds?

10. What is a balanced diet?

11. Why do animals make sounds?

12. State one way of controlling tsetseflies in an area.

The diagram below is of a bulb. Use it to answer question 13.

13. Give the function of part w to the bulb.

14. State any one similarity between bacteria and fungi.

15. Write one importance of alcohol to a doctor.

16. List any one breed of goat mainly kept for mohair.

17. Give one functional difference between kidney and urinary bladder.

18. Draw a diagram to show air occupies space in the space provided below.



19. State one importance of an echo to a sailor.

20. Apart from the bee, give any one example of a harmful insect in the environment.

21. How can scurvy be prevented in children?

22. Write PHC in full.

23. In which one way is budding similar to grafting?

24. Give one activity done to care for a mango plant in the garden.

25. State the difference between a first aid box and a first aid kit.

26. Using an arrow with letter P. Show the crown on the tooth shown below.

27. Why do people keep cattle at home?

28. Where does digestion of proteins begin in the alimentary canal?

29. State one way of controlling soil erosion in the garden.

30. Give any one adaptation of birds to flight.

31. Convert 40°C to $^{\circ}\text{F}$ ($^{\circ}\text{C} \times \frac{9}{5}$) + 32.

32. Why do most farmers keep records?

33. List any one characteristic of essential drugs.

34. How is heat transfer by conduction important in our daily lives?

35. What does a frog use for breathing while in water?

The diagram below shows a component of blood. Use it to answer question 36.

36. Give the function of the blood component shown in the above diagram.

37. State any one component of a water cycle.

38. Write one advantage of using natural fertilizers.

39. Give one difference between exotic breeds of rabbits and local breeds of rabbits.

40. How can a P.6 pupil prevent alcoholism?

SECTION B:

41. a) What are poultry vices?

b) Write any two examples of poultry vices.

i)

ii)

c) How important are perches in the poultry house?

42. a) Re-arrange the following sentences in a correct order.

i) Blood is pumped to all parts of the body through aorta.

ii) The heart receives blood from all parts of the body through venacava.

iii) The heart receives blood from the lungs through pulmonary vein.

iv) Blood is pumped to the lungs through pulmonary artery.

i)

ii)

iii)

iv) _____

43. The diagram below shows a flower, use it to answer the questions that follow.

a) How is the flower adapted to self pollination?

b) Name any two plants which undergo self pollination.

(i) _____

(ii) _____

c) Apart from self pollination, give any other type of pollination.

44. a) How do vectors differ from pests?

b) Give any one animal vector which spreads a virus germ.

c) State any two ways of controlling disease vectors at school.

(i) _____

ii) _____

45. a) Give any two examples of arachnids.

i) _____

ii) _____

b) Name one main part of arachnid apart from the abdomen.

c) What name is given to a home of a spider?

46. a) Match the following enzymes and the parts where they are produced.

A

B

Salivary amylase

Pancreas

Pepsin

Mouth

Lipase

Stomach

(i) Salivary amylase _____

(ii) Pepsin _____

(iii) Lipase _____

b) State any one characteristic of enzymes.

47. a) Write any difference between drug abuse and drug misuse.

b) What do doctors do to prevent over dose or under dose?

c) Name any two drugs given to sick children by the school nurse at school.

(i) _____

(ii) _____

48.a) What body organ enables children to remember answers during exams?

b) Apart from the body organ mentioned above, name other two main body organ in the body.

(i) _____

(ii) _____

c) Write down one importance of the liver in the body.

49. a) What do you understand by the term Sanitation?

b) Write three activities done by children at school to promote Sanitation.

(i) _____

(ii) _____

(iii) _____

50. a) Give one example of each of the following types of changes.

i) Chemical change _____

ii) Biological change _____

b) Name one chemical change in plants.

c) How do chemical changes differ from physical changes?

51. Study the diagram below carefully and answer the questions that follow.

a) Name the parts labeled with letter a nd b.

i) a _____

ii) b _____

b) Indicate with letter K on the part that transmits messages to the brain.

c) How can one care for the body organ drawn above.

52. a) Why is trachoma referred to as a communicable disease?

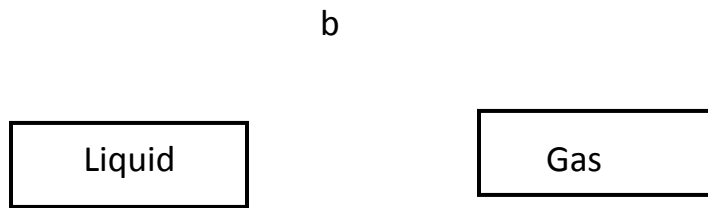
b) Apart from trachoma, give one other communicable disease which affects the eyes.

c) Give any two signs of dehydration.

(i) _____

(ii) _____

53. Study the diagram below and answer the questions that follow.



a

a) Name the processes marked.

a _____

b) How is the process b important in the environment?

c) Apart from liquid and gas, give any other state of matter.

d) How is dew formed at night?

54.a) Draw the following road signs.

Zebra crossing	Accidents ahead

b) Apart from a donkey and a camel, write one other animal used for transport.

c) How can one prevent accidents on the road?

55. a) What are non-flowering plants?

b) Write any two examples of conifers.

(i) _____

(ii) _____

c) Why are ferns and Mosses called spore bearing non flowing plants?
