

SUMMIT NURSERY AND
PRIMARY SCHOOLS
EXAMINATIONS 2022
PRIMARY FIVE
INTEGRATED SCIENCE

DURATION : 2 hours 15 minutes

Name: _____

Read the following instructions carefully.

1. This paper has two sections '**A**' and '**B**'
2. Attempt **ALL** questions
3. Answers **MUST** be written in a black or blue ball-point pen or ink.
4. Unnecessary alteration of work will lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of

FOR EXAMINERS' USE ONLY		
QN. NO.	MARKS	TOTAL MARKS
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 50		
51 – 55		
TOTAL		

SECTION A

1. Name any **one** state of matter.

2. Which body organ is used for hearing?

3. Give any **one** use of the sun in the formation of rain.

4. What do we call a meal that contains all food values in their right amounts?

5. How is a rack (plate stand) useful in a home?

6. State any **one** way a P.5 pupil can promote personal hygiene?

7. Give any **one** use of water at home.

8. Name the type of leaf shown in the diagram below.



9. How is slashing tall grass around the home useful in the control of malaria?

10. Mention any **one** reason why we give First Aid.

11. Name any **one** process involved in the water cycle.

12. Name any **one** poultry disease caused by bacteria.

13. Which vaccine is administered to babies at the right upper arm?

14. Mention any **one** example of a stem tuber.

15. Name the vector that spreads trachoma to man.

16. State any one use of soil to people.

17. Name any **one** external parasite that attacks poultry.

18. How are canine teeth useful to dogs?

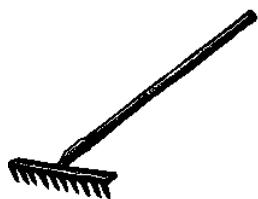
19. Why do we wash our hands before eating food?

20. Name any **one** exotic breed of poultry.

21. Give any **one** source of heat energy.

22. Give any **one** reason why bees swarm.

23. Use the diagram below to answer questions 23 and 24.



Name the garden tool shown _____

24. State the importance of the above garden tools to a farmer.

25. Convert 20°C to °F.

26. Why do some objects float on water?

27. Name the liquid metal commonly used in thermometers.

28. Apart from carbohydrates, which other class of food provides the body with energy?

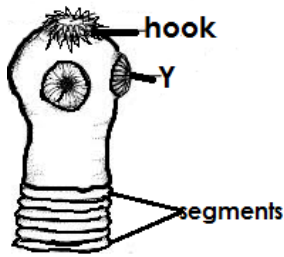
29. Give any **one** way of preventing garden tools from rusting.

30. How do we call a group of young rabbits born baby the same doe?

31. Mention any **one** process by which soil is formed.

32. Name any **one** condition necessary for seed germination.

Use the diagram below to answer questions 33 and 34.



33. Name the type of worm shown in the above diagram.

34. Identify any **one** way the above worm can be prevented in children.

35. Mention any **one** type of poultry.

36. Why should a rain gauge be placed in an open place?

37. What is the use of stomata to plants?

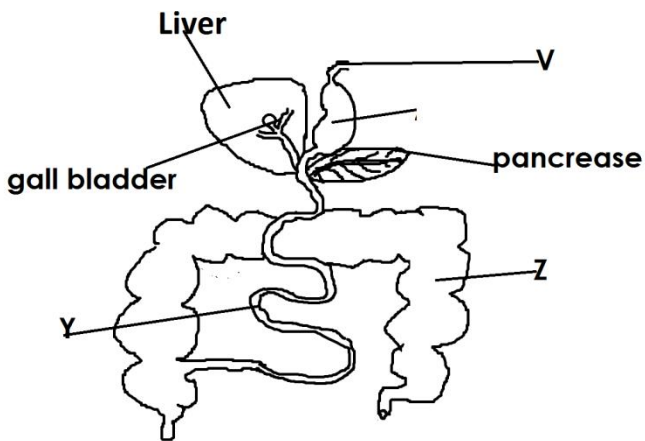
38. Give any **one** product got from cows.

39. What is the function of the kidneys?

40. Name the body organ that pumps blood to all body parts.

SECTION B

41. The diagram below shows the digestive system of man. Use it to answer questions that follow.



a) Name parts marked:

V: _____ Y: _____

b) Name the juice produced by the pancreas.

c) Mention any **one** disorder of the above system.

42. a) Mention any **two** diseases of the teeth.

i) _____

ii) _____

b) Give any **one** way of caring for the teeth.

c) How are the teeth useful in the digestion of food?

43. a) Mention any **two** examples of poultry vices in poultry.

i) _____

ii) _____

b) Give any **one** cause of poultry vices in birds.

c) State the best way of controlling poultry vices.

44. The table below shows the immunisable diseases and the vaccines. Complete it correctly.

Diseases	Vaccine	Age
Polio	_____	At birth

_____	BCG vaccine	At birth
Measles	Measles vaccine	_____
Diphtheria	_____	6 weeks 10 weeks 14 weeks

45. a) Mention the **two** types of pollination.

i) _____

ii) _____

b) Why do bees visit flowers?

c) Give any **one** characteristic of insect pollinated flowers.

46. a) Give any **one** reason why people keep rabbits.

b) Give any **two** exotic breeds of rabbits.

i) _____

ii) _____

c) Why should a house of a rabbit be kept clean?

47. a) State any **one** property of matter.

b) Give any **one** effect of heat on matter.

c) How does smoke move up through the chimney of a kitchen.

48. a) Apart from safety pins, mention **two** items found in a First Aid kit.

i) _____ ii) _____

b) State any **one** quality of First Aid.

c) Why is it important to give First Aid to a victim?

49. (a) Give any **two** reasons why animals move from one place to another.

(i) _____

(ii) _____

(b) Give any **two** ways of caring for animals at home.

- i) _____
ii) _____

50. a) What are root tubers?

b) Give any **two** examples of root tubers.

- i) _____
ii) _____
c) identify any **one** way man destroys the environment.

51. a) Give any **two** causes of dehydration.

- i) _____
ii) _____
b) Why should a dehydrated person be given ORS.

c) Mention any **one** sign of dehydration in people.

52. Match the terms in A with their meaning in B.

LIST A

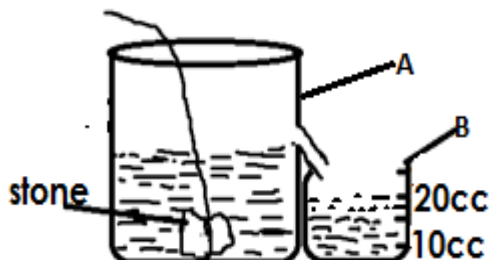
kidding
calving
lambing
farrowing

LIST B

sheep (ewe)
pig (sow)
goat (nanny)
cow

- i) Kidding _____
ii) Calving _____
iii) Lambing _____
iv) Farrowing _____

53. The diagram below shows an experiment carried ou in a P5 class to find the volume of the stone. Use it to answer questions that follow.



a) Name the container marked A.

b) Which method is used in the experiment above?

c) What is the volume of the stone?

d) If the mass of the stone is 40g, calculate its density.

54. a) Name **two** types of germination.

i) _____

ii) _____

c) State the function of a testa in a maize grain.

c) Give **one** function of stems in plants.

55. Write down **four** main causes of motor accidents in our community.

i) _____

ii) _____

iii) _____

iv) _____

END