

PEAK JUNIOR SCHOOL AND DAY CARE-NAKABUGO



P.4 INTERVIEW EXAMINATIONS 2025 INTEGRATED SCIENCE



Time allowed: 2 hours 15 minutes

Name: _____

Read the following instructions carefully:

- The paper has **two** sections: **A** and **B**
- Section **A** Sub-Section I has 30 questions (30 marks)
and Sub-Section II has 20 questions (20 marks)
- Section **B** has 5 questions (50 marks)
- Answer **ALL** questions. All answers to both Sections **A**
and **B** must be written in the spaces provided.
- All answers must be written using a blue or black ball
point pen or ink. Diagrams should be drawn in pencil.
- Unnecessary crossing of work may lead to loss of marks.
- Any handwriting that cannot be easily read may lead to
loss of marks.
- Do **not** fill anything in the boxes indicated
For Examiner's use only.

FOR EXAMINER'S USE ONLY

Qn. No	MARK	SIGN
1 – 16		
17– 26		
27 – 35		
36 – 44		
45 – 50		
51 – 52		
53		
54		
55		
TOTAL		

Turn over

SECTION A

In each of the questions 1 to 5, fill in the blank space with a suitable word.

1. Animals breathe in the air called _____.
2. A dog uses its _____ to protect itself.
3. _____ is the soil component made of dead plants and animals.
4. We must wash our _____ with soap before eating.
5. Plants use their _____ to get dissolved minerals from soil.

In each of the questions 6 to 15, complete the sentence with a suitable word from the brackets.

6. A hen uses its _____ to pick food. (**bick, beak**)
7. A _____ can swim and also fly in air. (**dark, duck**)
8. The main natural _____ of light is the Sun. (**sauce, source**)
9. To chase away _____ from home, we must keep the surrounding clean. (**flies, fries**)
9. _____ protect the skin of the fish from damage. (**Scares, Scales**)
11. Germs _____ diseases. (**spread, cause**)
12. When we _____ water, it evaporates. (**hit, heat**)
13. The top layer of soil contains _____. (**humas, humus**)
14. Monkeys are _____ because they damage crops in a garden. (**pastes, pests**)
15. Clay soil has the _____ particles. (**smallest, largest**)

In each of the questions 16 to 20, answer in full sentences.

16. What is the best food for babies?

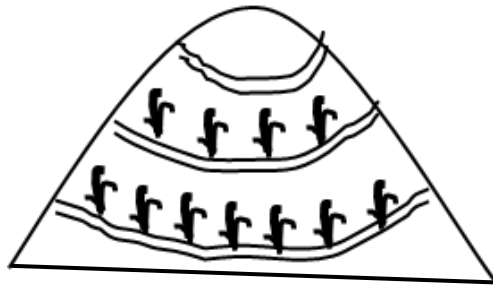
17. How does a chameleon protect itself?

18. Where do earthworms live?

19. Why is loam soil fertile?

20. What is drought?

Study the diagram below and use it to answer questions 21 and 23.



21. Name the method of crop growing used on hill above.

22. Give the one importance of using the method above.

23. Why do farmers use the methods shown in the diagrams above?

In each of questions 24 to 27, read and write "True" or "False"

24. Snakes can sting people. _____

25. Afforestation is a man-made change. _____

26. Slashing controls weeds. _____

27. Oxygen is used to put out fire _____

28. **In the space provided below, draw a diagram to show windy weather.**



In each of numbers 29 to 31, write the full form of the given abbreviation.

29. Dr. _____

30. O.R.S. _____

31. TB _____

The diagram below shows a type of soil. Study and use it to answer questions 32 to 34.

32. Name the type of soil shown above.

33. Why do you think that the type of soil you have named is the one shown in the diagram?

34. What will happen if water is poured on the soil shown in the diagram?

In each of questions 35 to 38, answer "Yes, it is" or "No, it is not"

35. Is a butterfly harmful to people? _____

36. Is rain a natural change? _____

37. Is an eagle a wild bird? _____

38. Is a bird's home called a den? _____

Study the diagram of an animal below and answer questions 39 and 40.



39. Name the animal shown above.

40. How many main body parts does the above animal have?

SECTION B

Give one word with the same meanings as the underlined group of words.

41.(a) The instrument that shows rainfall amount is at the weather station.

(b) The home of animals or plants can be anywhere in the natural environment.

(c) The part of a green plant that makes food for the plant can also be eaten.

(d) The animal which lives in a web eats other insects.

42. **Circle the odd member in each list below.**

A

nimbus

stratus

cirrus

cumulus

cyclonic

B

hen

cow

kite

sparrow

dove

C

grasshopper

white ants

bees

cockroach

D

cow

rabbit

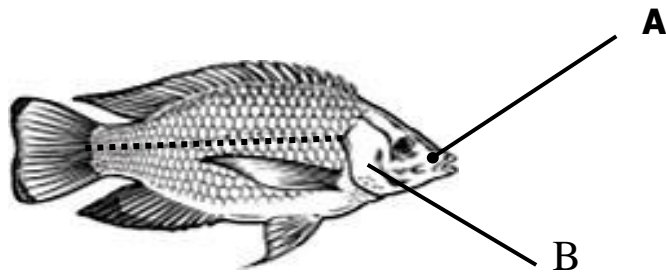
goat

hyena

sheep

donkey

43. **The diagram below shows a fish. Study it and answer the questions that follow.**



(a) Name the parts marked A and B.

(i) A _____ (ii) B _____

(b) Which part does the fish use to detect sound waves?

(c) What does a fish eat as its food?

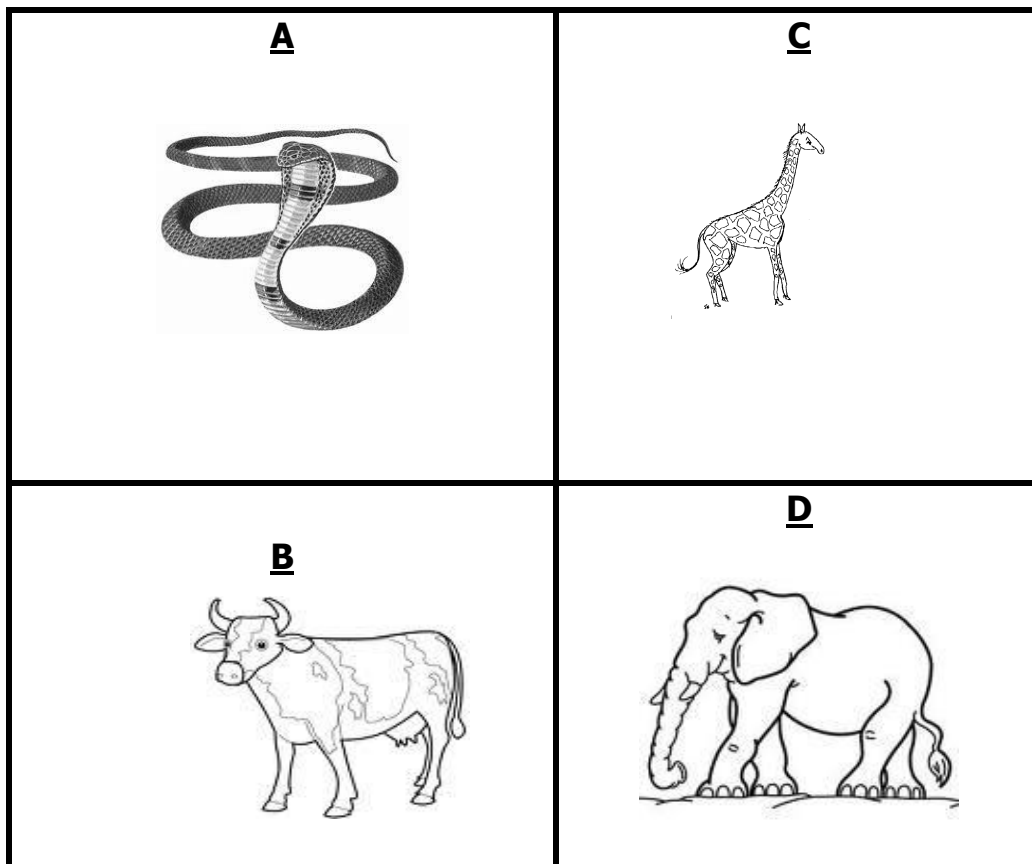
44. Fill in the missing words from the list below to complete the story.

bees, hopping , food , swim

Animals move from place to place for some reasons. They move to find _____; look for young ones or to find a safe place to live in. The ways animals move are different for example; butterflies, houseflies and _____ move by flying, fish, ducks and swans _____ in water.

Frogs, toads and locusts move in a funny way. They move by _____ until they reach where they are going.

45. **The picture below shows animals. Study them and answer questions that follow.**



(a) Name the animal marked A

(b) What is the habitat of animal B?

(c) Write any one difference between animal A and B.

(d) What is the use of animals C and D to man?

46. **Match the body part of an insect to its function.**

Body part

Function

Feelers

for breathing

Proboscis

for flying

Wings

for feeling

Spiracles

for sucking blood and juices.

(a) Feelers _____

(b) Proboscis _____

(c) Wings _____

(d) Spiracles _____

(e)

47. **Write man –made change or natural change.**

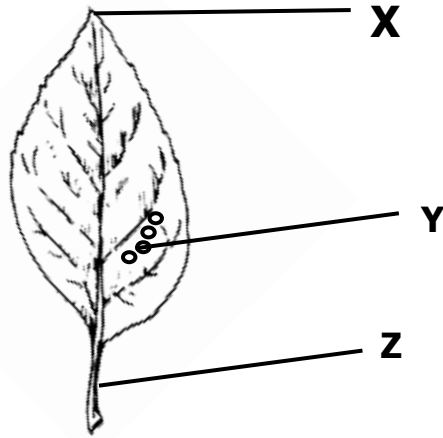
(a) movements of clouds _____

(b) cutting down forests _____

(c) painting _____

(d) rising of the sun _____

48. **The diagram below is a plant leaf. Study it carefully and answer questions that follow.**



(a) Name the parts marked X and Z.

(i) **X** _____ (ii) **Z** _____

(b) What is the work of the small holes marked Y?

(c) Name any one plant with leaves that man eats.

49. **Complete the table below correctly.**

Part of air	Percentage composition
Oxygen	_____
_____	78%
Rare gases	_____
_____	0.03%

50. **Read the poem below and answer questions that follow.**

Floods! Floods! Floods!

You kill animals

You spoil crops

And destroy our roads

Oh! Floods you are very

dangerous

And I hate you.

(a) What destroys our roads?

(b) What happens to animals?

(c) Mention one thing that the floods spoil?

(d) Why does the writer hate floods?

51. **Complete each sentence correctly.**

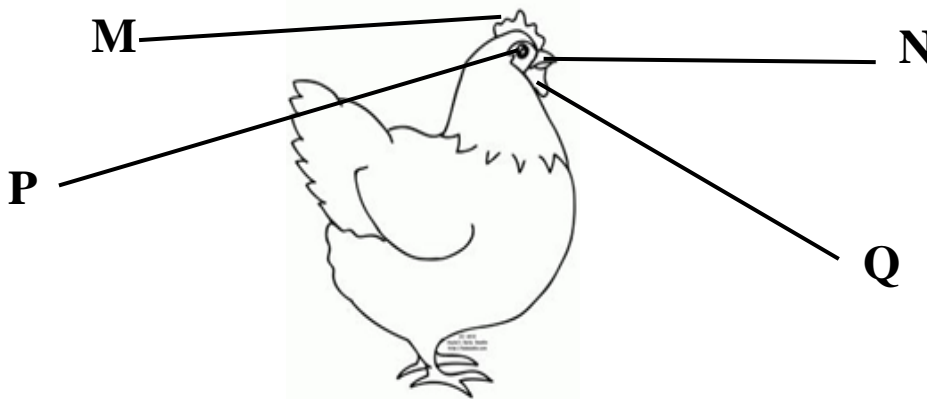
(a) Fur is to rabbits as _____ is to sheep.

(b) Caterpillar is to _____ as snake is to gliding.

(c) Fish is to fry as chicken is to _____.

(d) _____ is to hen as bull is to cow.

52. **Study the diagram below and answer the questions that follow.**



(a) Name the parts marked M, P and Q.

(i) M _____ (ii) P _____

(ii) Q _____

(b) What is the use of part N to the bird?

53.

(a) Name the water that is in gaseous form.

(b) The changing of water into gas is called.

(c) Give two ways the sun is useful to people.

(i) _____

(ii) _____

54. (a) Name two common crops people grow in your area.

(i) _____ (ii) _____

(b) State any two uses of crops to people.


(i) _____

(ii) _____

55. **Draw and name any four things you use to clean your body.**

Good Luck

Guide

1. oxygen
2. teeth
3. Humus
4. hands
5. roots
6. beak
7. duck
8. source
9. flies
10. Scales
11. cause
12. heat
13. humus
14. pests
15. smallest
16. The best food for babies is breast milk.
17. A chameleon protects itself by changing its colours to that of its environment.
18. Earth worms live in soil
19. Loam soil is fertile because it contains all nutrients needed by plants.
20. Drought is a long period with very little or no rainfall at all in an area.
21. Contour ploughing / contour farming
22. Controls soil erosion.
23. Because they want to control soil erosion
24. False
25. True
26. True
27. False
28. 
29. Doctor
30. Oral Rehydration Solution (Salts)
31. Tuberculosis
32. Sand soil
33. Because it has large soil particles which are not closely packed.
- Because there are large air spaces between particles.
34. Water will quickly pass through the soil.
35. No, it is not
36. Yes, it is.
37. Yes , it is.
38. No, it is not
39. Grasshopper
40. Three
41. (a)rain gauge
(b) habitat
(c)leaves
(d)spider
42. A- cyclonic
B- hen
C- cockroach
D- hyena
43. (a) (i) A – Nostril (ii) B- Gill cover
(b)Part C
(c)worms in water / water insects / tiny plants in water / fish feeds
44. Food, bees, swim, hopping
45. (a) Animal A is a snake
(b) Byre / Kraal
(c)Animal A is wild animal while B is domestic
(d)people go to see those animals
46. **Feelers** - for feeling
Proboscis - for sucking blood and juices.
Wings – for flying
Spiracles – for breathing.
47. (a) natural change
(b)man –made change
(c)man –made change
(d) natural change
48. (a) (i) X apex (ii) Z- stalk
(b) small holes allow air to move in and out of the plant.
(c)cabbage / Spinach / dodo/beans
49. Oxygen - **21%**
Nitrogen - 78%
Rare gases – **0.97%**
Carbon dioxide – 0.03%
50. (a) floods destroy our roads
(b) Animals die of floods / Animals are killed by floods.
(c) crops
(d) The writer hates floods they are dangerous.
51. (a) wool
(b) wriggling
(c)chick
(d) Cock
52. (a) (i) M – comb / crown (ii) P – eye
(iii) Q – wattle
(b) A bird uses part N to pick food.
53. (a) vapour
(b) evaporation

(c)(i) It is a source of light / It helps in formation of rain.

(ii) It is used to make solar power.

54. (i) Cassava (ii) Beans

(b) (i) To sell and get money/For food

55. Sponge / water/Soap / comb/ razor blade or nail cutter/tooth brush.