

# KOLFRAM EDUCATIONAL SERVICES KAMPALA

MID TERM ONE EXAMINATION 2024

## P4 INTEGRATED SCIENCE ASSESSMENT GUIDE

### Section A

1. Sun
2. Wind
3. They move, they reproduce, they feed, they respire, they sense
4. A goat is kept at home
5. Loam soil
6. Nimbus cloud
7. Skin
8. Chameleon
9. It does not support burning
10. To get support/to get enough sunlight
11. Leaves
12. Burning rubbish  
pits/mopping/clean  
toilets/picking  
rubbish/slashing tall grass  
short in the compound,
13. Leaves
14. Terracing, contour ploughing, strip cropping
15. Bees live, move and work together.
16. To kill germs
17. Cassava, carrot, sweet potatoes, beetroot
18. Water, shelter, clothes, food
19. Rice, papyrus, yams
20. Humus, air, water, living organisms, rock particles
21. To get company/To find their young ones
22. Sand
23. An axe
24. Female anopheles mosquito
25. Oral Rehydration Salts
26. Thorax
27. Proteins, carbohydrates, vitamins
28. A crocodile lives in water.
29. Posho, cassava, millet, bread, maize, etc
30. Parallel leaf venation
31. Cross pollination
32. Bees
33. Vitamin C
34. Carbon dioxide
35. It measures the human body temperature
36. Soap, sponge, water, toothbrush, nail cutter
37. Seedling
38. Air exerts pressure
39. Oxygen
40. Evaporation/condensation/transpiration/ precipitation

### Section B

41. –
  - (a) First Aid is the first treatment given to a casualty before taken to the hospital.
  - (b) To promote recovery/To save life/To prevent further injuries/To stop bleeding
  - (c) Fractures/burns/scalds/cuts/wounds
42. –
  - (a) Transplanting
  - (b) Coffee, tomatoes, passion fruits, cabbages
  - (c) Watering, pruning, thinning, staking, mulching, weeding, spraying, hardening off

**43.**

- (a) Photosynthesis is the process by which green plants make their own food.
- (b) Sunlight/water/chlorophyll
- (c) Oxygen

**44. –**

- (a) Epigeal germination
- (b) Oxygen, water, warmth
- (c) Water softens the testa

**45. –**

- (a) K – flower M – leaf
- (b) It hold the plant firmly in the soil, it absorbs water and mineral salts, it sores food in some plants
- (c) Root, leaf, stems, flowers, fruits
- (d) By swimming

**46. –**

- (a) Domestic animals are animals kept at home.
- (b) Dogs, cats, cows, sheep, goats, camels, donkeys
- (c) Balls, belts, bags, blankets, shoes drums, hats, jackets

**47. –**

- (a) Lion – cub
- (b) Goat – kid
- (c) Dog – puppy
- (d) Bird - nestling

**48. –**

- (a) **X**- lava (ii) **Y**- Adult
- (b) Complete lifecycle
- (c) Houseflies

**49. –**

- (a) Germs are disease causing organisms.
- (b) In latrines/ on dead animals/ food leftover/ rubbish pits
- (c) Animal bites, drinking dirty water, eating dirty food, through blood transfer, through air, through body contacts

**50. –**

- (a) For domestic use/for industrial use
- (b) Urinating in water sources, sharing water sources with animals, swimming in water/ dumping wastes in water

**51.**

- (c) Sugar Salt Solution
- (d) Sugar, salt, water
- (e) To replace the lost water and mineral salts

**52. –**

- (a) To get support/To get enough sunlight
- (b) Using hooks/using tendrils/by clasping or twinning
- (c) Passion fruit/pumpkin/watermelon/ cucumber/sponge/beans/gour ds

**53. –**

- (a) Air is a mixture of gases.
- (b) Oxygen, carbon dioxide, rare gases, nitrogen
- (c) Carbon dioxide

**54. –**

- (a) Rain gauge
- (b) Air pressure/ atmospheric pressure
- (c) anemometer
- (d) humidity

**55. –**

- (a) Onion – leaves
- (b) Sweet potato –roots
- (c) Maize – fruit
- (d) Sugarcane - stem