

KOLFRAM EDUCATIONAL SERVICES KAMPALA



MID TERM EXAMINATION 2024

PRIMARY SEVEN INTEGRATED SCIENCE

SECTION A

1. Eyes
2. Carbon dioxide helps in the preservation of sodas
3. Drenching gun is used by farmers in giving liquid drugs to pigs
4. Drought, flood, pests, diseases, strong wind
5. Sand soil rejects sandy soil
6. It is real
7. Mosquito spreads diseases to people
8. Static electricity
9. Tortoise rejects snails
10. Protease enzyme
11. To reduce the number of flies which transmit fecal diseases
12. To avoid forced marriage, to avoid early marriage, to avoid school dropouts, to avoid teenage pregnancies
13. Distillation
14. Electricity provides fuel which would be got from the trees
15. It helps to send smokes outside the kitchen
16. By cell division/ By binary fusion
17. Bottle feeding denies mother love to the baby
18. The strong curved talons help such birds to grab its prey
19. They eat farmers' poultry
20. Due to low P.H value/ high level of acidity in the stomach denatures salivary amylase
21. By sharing clothes
22. By use of suckers
23. It helps to avoid heat loss
24. In the testicles
25. Movable joint **rejects** Ball and socket joint
26. Milk **rejects** dairy cattle
27. Running water, moving wind, moving animals
28. Vacuum has no space for transmitting sound
29. Lung cancer
30. Termites, bees, black ants
31. Stone has more density than water
32. Earthworms help to decompose organic matters in to humus
Earthworms aerate soil
33. Seed embryo
34. Light is faster than sound
35. Protozoa
36. Ear drums help to convert sound waves in to sound vibration
37. To avoid transmitting air borne diseases
38. Frogs
39. They lay eggs in clusters, breathe through moist skins, have long flexible hind legs for making long jump, their tadpoles are brown, they have teeth in upper jaws, has no poison glands, have smooth and slippery skins,
40. For easy hunting of food
41. Excretion is the removal of waste products from the body

- (b) Uric acid, urea, excess salt, excess water
 - (c) Balance body fluids, release hormones which regulate blood pressure
42. (a) (i) Direct current electricity, (ii) Alternating current electricity
- (b) by use of lemons
 - (c) Solar is expensive, solar system only work in the presence of the sun, some people use electricity which is more reliable than solar
43. (a) conduction (ii) Radiation
- (b) Heat from the burning charcoal stove will melt the ice cubes into water
 - (c) Trails on railway lines expands during hot days
- 44(a) distillation method
- (b) Evaporation process
 - (c) To cool the condensed alcohol
 - d) Water
45. (a) Weighing scales, Beam balance, Spring balance-weight, Set of scales, Scale of balance, Weighing balance
- (b) Mass does not change from place to place while weight changes.
Mass is the amount of matter in an object while weight is the force of gravity exerted on an object.
Mass is measured in kilograms while weight is measured in Newton (N).
46. (a) Insulators are substances which does not allow heat to pass through them.
- (b) Dry wood, sponges, rubbers
 - (a) To void the hazards of electric shocks
47. (a) Water exerts pressure
- (b) Atmospheric pressure holds the card board tightly
 - (c) it is colourless, it is odorless it contains no microorganisms, it is tasteless
48. (a) Breeds of cattle
- (b) Their colours, their sizes and productivity
 - (c) They grow faster, They produce a lot of milk and meat, They are easy to market due to their sizes and qualities
49. (a) Germination is the development of seed embryo into seedling.
- (b) Hypogeal germination, Epigeal germination
 - (d) Amount of air, Amount of water, amount of warmth
50. (a) All animals in both group A and B have back bones
- (b) Invertebrates
 - (c) Tentacles
 - (d) They feed on vectors which spread diseases to people
51. (a) Burn
- (b) Skin
 - (c) Second degree burn
 - (d) To put the burnt part in the cold water
52. (a) anemia- mangoes, oranges
- (b) Kwashiorkor- Egg, rice
 - (c) Scurvy- dodo, oranges, cabbages)
 - (d) Marasmus- Beans, sweet potatoes
53. (a) Nanny goat is a female goat
- (b) Wether - male castrated goat
 - (c) Drenching – oral administration of liquid drugs
 - (d) Bleating – Sound made by goat
54. (a) Arm sling
- (b) It helps to keep the broken bones in correct position
 - (c) To save life, to facilitate quick recovery, to avoid further injuring, to reduce pains
55. (a) cats help to control rats which are pests to crops.
- (b) flood, drought, strong wind, pests, diseases, poor breeds of crops, poor farming method
 - (c) Monoculture, over cropping,
 - (d) rats, squirrels, millipedes, locusts