



KOLFRAM EDUCATIONAL SERVICES KAMPALA

PRE REGISTRATION EXAMINATION 2024

INTEGRATED SCIENCE

SET THREE (BEGINNING OF MARCH) 2024 (ASSESSMENT GUIDE)

Section A

1. leaf
2. Say NO to sex/ avoid bad touches/ AIDs kills/ AIDS has no cure/ Menstruation is healthy/
3. Dry cells cannot be recharged/ they are bulky/ they cannot store power for long time/ it is expensive to buy new dry cells frequently
4. Animals/ plants/ water
5. It helps to normalize the body temperature of the patient with fever
6. Potential energy
7. Frogs are able to see both during a day and at night
8. Arteries are blood vessels that carry blood out of the heart while veins carry blood into the heart.
9. Kidney
10. It has mammary glands/ feeds its young ones on milk from mammary glands
11. Sun drying
12. Helps to build body muscles/ helps in proper functioning of body organs
13. Wood is a poor/ bad conductor of heat/ To prevent the user from being burnt as wood is a bad conductor of heat/ Wood is an insulator
14. Flies will go in and then come out to contaminate our food
15. A freely suspended magnet faces in the North- South direction
16. Mode of feeding, type of skeleton/ way of movement/ mode of reproduction/ their habitats/ way of breathing/ body temperature/ body structures and features
17. Capillarity
18. Refuse/ reject/ recycle/ return/ reuse
19. Chicken
20. Herbicides
21. Moth
22. Vertebral column
23. It helps Kangaroo in jumping
24. To prevent contamination of ORS
25. Through capillarity
26. It sticks on the walls of the thermometer/ it cannot be clearly seen
27. Kwashiorkor/ marasmus/ rickets/ beriberi (any deficiency disease)
28. speed of wind (Wind speed)
29. To avoid direct moisture into the hutch
30. Weeds
31. Circumcision using same knife/ inheriting women and husbands
32. Melting
33. It protects the fruits from ground pests, it supports the stems, it makes weeding, pruning easy
34. Tsetse fly produce already hatched larva while houseflies lay eggs
35. They attract germs that cause cavities if not properly cleaned.
36. Simple fracture
37. Due to overcrowding/ when a new queen is born/ shortage of food in the area/ when invaded by other insects/ when the hive leaks
38. Deoxygenated blood/ dark red blood
39. Vultures/ eagles
40. Fibrous root system

Section B

41. –(a) it leads to forced marriage/ teenage pregnancies/ child parents/ results in to street life/ leads to school dropout/ (b) Say No to gifts for sex/ avoid bad touches/ dress decently/ avoid moving at night/ respect opposite sexes/ avoid risky places/ avoid bad peers
42. –
 - a) Poisonous snake
 - b) Hollow forked tongue

- c) For injecting venom in to the enemies
 d) Puff adder gives birth to the young ones alive while other snakes lay eggs which hatch externally
43. –
 a) Bats have teeth instead of beaks/ bats feed young ones on mammary glands/ bats have fur on their bodies instead of feather/ they give birth to young ones alive
 b) Bats have hollow bones/ have streamlined bodies/ forelimbs are modified into wings/ have wings for flapping air during flight/ have strong breast muscles/ have no pinna to obstruct the flow of wind/ bats bodies are covered with flight feathers
44. –
 a) Skin
 b) Skin regulates body temperature/ stores fats/ makes vitamin D from sunshine/ sense organ for feeling/ protects inner part of the body/ excretes salt, water and urea
 c) Sweat duct lead sweat to the surface of the skin
45. – (a) electric shock/ helping a patient of electric accident
 (b) To avoid direct electric shocks transmitting to her
 (c) Avoiding using faulty appliances/ avoiding leaning against trees with bare wires attached/ putting off electricity when not in use/ putting electrical appliances out of reach of children/ reading operation manual before operating electrical appliances/ avoiding repairing an appliance when directly connected to the electricity
46. –
 a) Should be fertile soil/ should be well drained/ should not be under big trees and bushes/ should be near school
 b) Learn how to grow and care for crops
 c) Tomato/ egg plants/ cabbages/ onions
47. –
 (a) Panga/ rakes/ hoes/ slasher/ sickles/ knives/ sprayers
 (b) Air(Oxygen)// water// warmth
 (c) By painting/ greasing/ proper cleaning after use
48. –
 a) Root nodules.
 b) Nitrogen Fixing Bacteria
 c) Leguminous plants
 d) Beans/ soya beans, cow peas
49. –
 a) At birth
 b) BCG vaccine
 c) Polio vaccine (reject: polio without the word vaccine)
 d) Diphtheria/ tetanus/ pertusis
50. –
 a) A weed is an unwanted plant in a garden.
 b) Compete for water and mineral salts/ retard growth of crops/ some harbor pests that destroy crops
 c) Spraying with herbicides/ mulching
51. –
 a) Touching with unwashed hands / leaving exposed to flies/ putting in dirty containers
 b) Washing hand containers before cooking/ covering food/ putting food in clean containers
52. –
 a) Secondary root
 b) It gives support to the plant
 c) Maize / millet/ sorghum/ millet/ wheat plants
53. –
 a) To avoid water pollution/ to maintain sanitation/ to avoid water accidents/ to avoid water contamination/ to avoid drowning and near drowning
 b) Remove the person from the water/ lie the causality on the back with the head tilted downward/ perform mouth to mouth breathing
54. –
 a) Use of a drug for a purpose it is not intended for/ use of a drug in a way that may harm somebody.
 b) Ignorance/ gain courage/ gain confidence
 c) Poverty/ criminal offences/ accidents
55. (a) A resource is anything that man uses for survival while an energy resource is anything used to produce energy.
 a) Sunlight / sun
 b) It does not pollinate/ it is cheap and always available
 c) Water/ running water