

KAMPALA CAPITAL CITY AUTHORITY P.7 INTEGRATED SCIENCE MOCK MARKING GUIDE 2022.

1. Sun/lightening/erupting Volcanoes/stars
2. Clay soil has got small air spaces between its particles while loam soil has got bigger air spaces between its particles
3. Rodents/gnawing mammals
4. Suture joints
5. Beef cattle
6. Beef
7. Rusting
8. Bathing/washing/ ironing/combing hair/trimming nails
9. Hydro electricity
10. Relapsing fever
11. Drugs may be expired, Drugs may be contaminated, They are not well prescribed, They are not well packed
12. Molar are used for grinding food because it has abroad surface with ridges/cusps. Or Molar has got abroad surface ridges/cusps for crushing or grinding food
13. Sharp objects can damage/ piece the ear drum
14. Plants get water/get food nutrients/ supports plant use
15. Goiter
16. Secateurs
17. Used for pruning/ cuts excess leaves/ reduces on the leaves
18. Afforestation/ using other alternative sources of energy/ using plants sparingly
19. Scorpion
20. Kills germs/ destroys breeding of germs/ controls house flies
21. Diphtheria/ pertussis or whooping cough/ tetanus
22. It increases space for gaseous exchange/
23. Cotton is light/ cotton has got tuft of hair
24. Both vena cava and pulmonary vein carry blood towards the heart
25. Boiled water has got no germs/ free from germs
26. Clinical thermometer
27. To reset the thermometer/ To make mercury go back to the bulb
28. Windy weather
29. By fixing them loosely/ By sagging them while fixing them
30. To reduce pain/ Save life
31. Helps to cool the body temperature/ Helps to balance blood sugar/ Helps to balance water levels
32. Mushrooms have no chlorophyll/ Mushrooms don't make their own food.
33. When the embryo is damaged/ when the seed was immature
34. Objects weigh less due to buoyancy/ Due to upthrust force
35. By using the thumb grip rule/ Using clockwise and anti-clockwise moment.
36. Coccidiosis/ Pneumonia
37. Mangoes/ Lemon/ Oranges
38. Spinning ant eaters reproduce by laying eggs while other mammals reproduce live young ones
39. Helps a child to abstain from sex, PIASCY messages help a child to avoid HIV/AIDS, PIASCY messages prevent school drop outs
40. Debeaking/ Culling/ Vaccination
41. a) Chameleon
b) Both undergo internal fertilization, Both lay eggs
c) A bat has got fur on its body
42. a) Wind instrument
b) Pipe 1
c) Pipe 1 has got the highest pitch
- d) By vibrating of the string
43. Sling – Holds the fracture arm
Surgical Spirit – For sterilizing medical tools
Bondage – Tying splint around a fracture
Splint – keeps broken bone in position
44. a) Air can be compressed
b) Air occupies space
c) Difference in air pressure makes air to move
d) Air in motion makes up wind
45. a) i) Cockroach – Carries germs on its hairy legs, contaminates surface and food/ vomit on food/ Excrete on food or surface
ii) Itchmites – Through direct body contact with an infected person
b) Damage the skin/ Lead to death/ May lead to dehydration/ Lead to loss of body
46. a) Saddle back/Large black/ Large White/ Land race
b) For easy cleaning/ Easy flow of water/urine
c) Pigs multiply faster than cattle, Pigs don't require much space unlike cattle, Pigs are easy to raise unlike cattle
47. a) Protect seedlings from harsh weather conditions
b) Hardening off
c) For easy weed control, Leads to higher yields,
48. a) Tubal ligation
b) When the oviduct is cut you can't repair it for fertilization
Makes a permanent damage on the oviduct
c) Testes produce sperms while epididymis store sperms
d) Abstaining from sex
49. a) First class
b) $L \times LA = E \times EA$ $W \times 20 = 4 \times 10$
 $\frac{20W}{20} = \frac{40}{20}$
 $W = 2$ $A \text{ to } B = 4 + 2 = 6m$
50. a) Anti-social behaviors are acts which are not accepted in a society
b) Causes death, Causes self-neglect, Causes diseases
Loss of jobs
c) Joining good social groups
Learning more about anti-social behaviors
Through/guidance and counselling
Avoid bad peer groups
51. a) Reflection is the bouncing of light rays as they meet a shiny surface
b) Angle of incidence is equal to angle of reflection
The incident ray, normal and reflected ray at the point of incidence all lie on the same plane.
c) Irregular reflection/ diffuse reflection
d) Regular reflection
52. a) – Mangoes/ - Avocadoes
b) Drupe has one seed while berry has many seed
c) Animal dispersal
53. i) Producer – plant
ii) Tertiary consumer – Snake
b) Cocks would starve to death
Cocks would reduce in number
c) Light energy
54. a) i) Screen ii) Vent pipe
b) i) At least 30m from a water source
ii) At least 10m from the kitchen
55. a) gullet/ colon/stomach/ileum/ duodenum
b) At the ileum
c) Peristalsis