

BOBI WINE SCIENCE MOCK MARKING GUIDE PREPARED BY TR. GEORGE GRIGON 2023

ANSWERS:

- 1. The eye/human eye**
- 2. Buancy**
- 3. Both undergo internal fertilization**
- 4. A tick (protozoan parasite is theileria)**
- 5. Proteins**
- 6t. irregular objects**
- 7. Cholera//typhoid//dysentery//diarrhea**
- 8. Grass hoppers destroy crops**
- 9. Burning causes air pollution**
- 10. -Regulates blood sugars**
 - Deaminates amino acids and converts it to carbohydrates**
 - Detoxifies poisonous substances**
 - Stores vitamins and mineral salts**
 - Produces heat energy**
 - Helps in excretion process of bile pigment**
- 11. Kinetic energy**
- 12. Food and nutrition**
- 13. Both prevent the back flow**
- 14. Create space for weeding// reduce competition for nutrients**
- 15. Used to run windmills// wind is used for winnowing of cereals**
- 16. Water may still contain impurities**
- 17. Produce//lay eggs**
- 18. Lowers the frequency**
- 19. -Moisten the testa**
 - Provides dissolved oxygen for the growing embryo**
 - Provides necessary hydration for protoplasm**
- 20. Cassava storage roots**
- 21. For cooking//production of electricity/**
- 22.Synovial fluid**

23. Produce light

24.

25. They absorb/take in carbon dioxide gas from industries

26. They repel

27. Over stocking

29. Tar//nicotine

30. -They have webbed feet

-They have a spoon shaped beak for easy sieving of food from mud

-They have streamlined bodies

31. Legumes add nitrogen to the soil

32. Brucellosis/bangs disease

33. Through vibration of air molecules

34. Coppicing

35. Greasing//oiling//using ball bearings

36. Heats to cause evaporation

37. Vertebral column/backbone

38. They follow nice scent

39. Grass hoppers//cockroaches//lice//cicadas

40. Fetching water//washing plates//carrying young children

SECTION B ANSWERS

41a. Marijuana//cocaine//opium//bang//tobacco

b. Lungs//liver//brain

c. Avoid bad peers//distracting him/her self with useful activities//staying away from places with drugs

42a. Transpiration refers to the process by which plants lose water to the atmosphere in form of vapour

b. Osmosis

c. Leaves//lamina

42d. Protects the tip of the roots

43a. A. melting

B. freezing

b. Through deworming

c. Rain formation

44a. Tapeworm//hookworms//pin worms//thread worms

- b. By deworming// eating well cooked meat// washing hands properly with clean water and soap// not moving bare foot**
- c. Cause malnutrition// cause stomach ache/abdominal discomfort// cause diarrhea**

45a. Excess protein stored as (glycogen)

- b. Secreted from the pancreas(insulin)**
- c. Produced from the stomach(gastric juice)**
- d. Increases speed of digestion(enzymes)**

46a. i. Light enables seeing

- ii. Heat enables humans to warm their bodies**

- b. Through radiation**
- c. Heat causes matter to expand//heat melts matter**

47a. Floods // drought// landslides// windstorm

- b. Malaria spread// yellow fever//cholera**
- c. Good for cultivation of rice, yams// collect & retain water that could cause floods**

48a. Spraying//hand picking//weeding//use of biological enemies

- b. To prevent pest attack//to reduce competition//for proper plant growth**
- c. Maize in banana garden// spear grass in a sugar cane garden**

49a. K.Switch

- O. fuse**
- b. Chemical energy**
- c. >**

50a. Mushroom//yeast

- b. Mushroom is eaten as food// yeast help in fermentation process**
- c. By means of spores**

51a. An accident is a sudden happening that may cause injury to the body

- b. fractures//dislocation//sprains//strains**
- c. Polio//rickets//polio//tuberculosis of the spine**

52a. South pole

- b. Through induction**

c.Temporal magnet

d. Electrical method//stroking method

53a. Poultry vices are bad behaviours among birds

b. Toe pecking//egg eating//cannibalism//fighting

c. Debeaking//hanging vegetables//provide more space//proper feeding of birds// culling birds

54a. Beef cattle//Dairy cattle

b.They are disease resistant//Can survive on poor pasture conditions//Provide quality meat//Drought resistant

c. To improve breed quality

55a. Soil erosion refers to the removal of top soil by the agents of erosion

b. Sheet erosion//Gulley erosion//Stream bank erosion//Rill erosion//rain drop/splash erosion

c. Mulching//afforestation//planting grass//terracing//cover cropping//contour ploughing.