

34. The flow of current/ electricity.
35. Controls egg eating.
36. Gastric juice.
37. Distilled water has no germs while filtered water has germs// Distilled water is safe for drinking.
38. Cassava// sweet potatoes// sugarcane.
39. Keep drugs in well sealed containers/ packets// keep in lockable facility above the ground// keep drugs in cool dry places.
40. Food taboos are cultural or religious beliefs that forbid people from eating certain foods.
41. (a) Kites// eagles// falcons// hawks.
- (b) **Birds of prey have;** sharp curved claws/ talons/ for holding/ gripping the prey// Sharp hooked/ curved beak for tearing the prey// Keen eyesight to spot the prey at a great distance. (**Guidance:** Award one mark for the adaptation and one mark for the use of the adaptation)
42. (a) Horse shoe magnet.
- (b) They repel// no attraction will take place.
- (c) The like poles are coming together// North and North Poles are like poles.
- (d) For picking up small parts/nails used in repair// For holding magnetic tools.
43. (a) Chemical change.
- (b) Both use oxygen// moisture to occur// are irreversible.
- (c) Paint blocks/prevents water and oxygen supply to the iron metals.
44. (a) toilets//latrines//Bathrooms// washrooms// kitchen// plate stand/ rack// rubbish well dustbin// cloth drying line/ wire.

(b) By sweeping// picking up rubbish// burning rubbish // burying heaps of rubbish// recycling rubbish// re-using rubbish.

45. (a) Fireflies// glow worms.

(b) Both are forms of energy// can be reflected.

(c) Divergent/ diverging beams.

(d) Sunlight helps plants to make food// carry out photosynthesis.

46. (a) Plants// wind/air// sunshine/ sun.

(b) For generating hydro electricity// tidal energy// steam energy to drive steam engines// sailing boats.

47. (a) **Black Jack** - Have hooks or sticky hairs for attachment on the animal skin.

(b) **Coconut seeds** - Have spongy mesocarp and air spaces.

(c) **Beans and soyabeans** - Bear seeds in pods which split open to release seeds.

(d) **Dandelions and tridax** - Have parachute and wing like structures.

48. (a) Inclined planes.

(b) For hoisting/ raising/ lowering flags// painting walls// fetching/ draw water from deep wells// lifting soil from pits.

(c) $M.A = L/E$

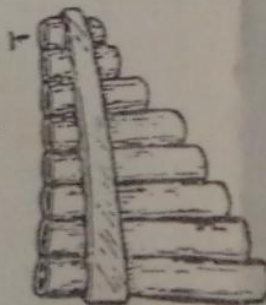
$2 = 25N/E \checkmark M1$

$E = 25N/2$

$E = 12.5N \checkmark A1$

49. (a) Pitch is the highness or lowness of sound.

(b) Wind instruments/ aeroplanes



(c) Whistle// trumpet// cornet// flute// trombone// tuba// saxophone// french horn/ horn// clarinet// lyre

50. (a) Anthers.

(b) Brightly coloured petals// nectar// strong scent.

(c) Flowers develop into fruits that are rich in vitamin C.

51. (a) Ways of keeping of food free from spoiled/ contamination.

(b) Smoking drains/ dehydrates/ removes/ evaporates moisture from fish to prevent bacteria from spoiling it.// It kills germs/ bacteria that causes rotting of the fish leading to its spoilage.

(c) Sundrying.

52. (a) Cuts// nose bleeding// Fractures

(b) Washing hands to remove germs// cleaning some first aid tools// Cooling burns// fever// flushing eyes// rehydrating casualties// cleaning wounds// swallowing painkillers.

53. (a) (i) Both are faecal diseases// caused by bacteria// water borne diseases// intestinal diseases/ infections.

(ii) Diarrhea involves passing out watery stool while dysentery involves passing out blood-stained watery stool// Diarrhea is caused by bacteria and virus while dysentery is caused by only bacteria.

54. (a) Strip cup.

(b) (i) **X** - For detecting water added into milk or fats have been removed// determines the density of milk.

(ii) **Y** - For castration/ closed castration.

(b) Dairy cattle farm.

55. (a) Moulds// mushrooms// toadstools// puffballs.

(b) Yeast reproduces by budding while other fungi reproduce by means of spores.

(c) **Yeast is used in** baking// brewing alcohol// producing biofuels// producing food supplements