


SCIENCE MARKING GUIDE END OF TERM I 2023

- 1- Sleeping under treated mosquito nets
 - Slashing tall grass around homes
 - Draining away stagnant water
 - Pouring oil on stagnant water
 - Closing windows and doors early in the evening.
 - Spraying mosquitoes using chemicals.
 - Using mosquito coils and fly catcher
- 2- By vibration of its skin when hit / beaten
- 3- Carbon dioxide
- 4- Exotic breed
 - Indigenous / local breeds
 - Cross breeds
- 5- Drupe
- 6- There is no medium for transmission in vacuum
- 7- A lateral line detects sound waves in water.
- 8- To keep our bodies healthy
 - To boost the immunity
 - To protect the body against diseases / infections
- 9- Polio, cholera, typhoid, hepatitis A
- 10- A freely suspended magnet rest in north-south direction.
- 11- Phototropism
- 12- To prevent seed dormancy
 - To improve on the quality of yields
 - To avoid planting diseased seeds
- 13- To grow and increase in size, to grow a new skin.
- 14- Hydrostatic skeleton
- 15- Coal, natural gas, crude oil, petroleum etc
- 16- The fuse breaks the circuit in case there is too much flow of current.
- 17- 
- 18- Kinetic energy
- 19- Control and prevention of infections (diseases)
 - Maternal and child health care

- 20- They both stop the back flow of liquids.
- 21- By absorbing and consuming carbon dioxide produced by industries.
 - By absorbing the toxic gases from the air.
- 22- Embryo
- 23- Empty jerrycan is less dense than water / water is denser than empty jerrycan
- 24- Pepsin
- 25- Crop rotation
- 26- Oviducts / fallopian tubes
- 27- They have four pairs of legs / They have eight legs
 - They have two main body parts.
- 28- Liver
- 29- Saprophytically, They feed on dead decayed matter
- 30- For easy identification in case of fire outbreak.
- 31- Sand soil drains water quickly
- 32- To prevent animals from injuring each other
 - To enable easy handling of animals
 - To increase space in the byre / kraal
- 33- To prevent them from being shocked by electricity / to prevent electric shocks
- 34- Their movement is not controlled / under our will
- 35- Nodules / root nodules
- 36- To store nitrogen fixing bacteria
- 37- Photosynthesis, transpiration, respiration
- 38- By means of bulbs / by means of seeds
- 39- Biogas does not pollute the air while firewood pollutes the air.
 - Biogas does not encourage deforestation unlike fire wood.
- 40- Friction force

Section B

- 41- Accident is a sudden happening that causes harm / injury to the body.
 - (b) Fractures, sprain, strain, dislocation, muscle cramp, cuts, spinabifida
 - (c) Rickets, polio, arthritis, scurvy
- 42- North pole
 - b) By induction
 - c) Induced magnets
 - d) Electrical method, stroking method

43- Friesians , Ayrshire, Guernsey , jersey, brown swiss, Jamaican hope, Aberdeen angus, Hereford, Galloway, Charolaise, boran, American Braham, short horn, long horn, santa gertrudis , zebu, sahiwal, red poll etc

b) Paddock grazing system

c) To improve on the quality of their animals

- To increase on their products like meat and milk
- To improve on resistance to diseases
- To improve on the rate of growth
- To adopt to difficult conditions

d) Local breeds are resistant to diseases than exotic ones

- Local breeds can survive on poor pasture and little water than exotic ones.
- Local breeds can with stand harsh weather conditions than exotic ones

44- (a) These are bad habits among poultry

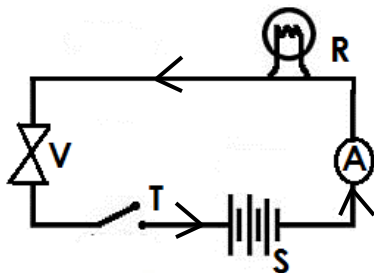
(b) cannibalism, toe pecking, feather pecking, egg eating, egg hiding, pica

(c) collecting of eggs in time.

- debeaking
- darkness in the laying area
- providing poultry with a balance diet
- isolation of eggs from birds
- providing green vegetables to birds to keep them busy.

45- (a) T – switch V – fuse

b) Chemical energy



46- They don't make their own food.

b) ferns, lichens, horsetails, liver worts, mosses, yews, algae

c) pine, cycads, cedar, cypress, fir, podo etc

47- Hinge joint – knee, elbow and knuckles

Ball and socket – shoulder, hip

Pivot – neck

b) Dislocation, strain, sprain

