

**Q1.** Which bee is best for domestication. This bee is also known as Italian bee

- (a) Apis mellifera
- (b) Apis dorsata
- (c) Apis florea
- (d) Apis cerana
- (e) None of these

**Answer:** (a) Apis mellifera

**Q2.** The bond which is formed between parallel and non-parallel strands of DNAs

- (a) Hydrogen bond
- (b) Phosphodiester bond
- (c) Covalent bond
- (d) Ionic bond
- (e) Metallic bond

**Answer:** (a) Hydrogen bond

**Q3.** Chemical used in polyploidy breeding

- (a) Colchicine
- (b) NAA
- (c) IAA
- (d) Gibberellins
- (e) Cytokinin

**Answer:** (a) Colchicine



**Q4.** Which of the following is silk protein?

- (a) Sericin
- (b) Keratin
- (c) Oryzin
- (d) Albumin
- (e) Zein

**Answer:** (a) Sericin

**Q5.** Annamox is one of the steps of

- (a) Nitrogen cycle
- (b) Sulphur cycle
- (c) Hydrogen cycle
- (d) Carbon cycle
- (e) Phosphorus cycle

**Answer:** (a) Nitrogen cycle

**Q6.** Antherea mylita is

- (a) Tropical Muga
- (b) Temperate Muga
- (c) Eri Silk
- (d) Mulberry silkworm
- (e) Tropical Tasar silkworm

**Answer:** (e) Tropical Tasar silkworm

**Q7.** In innovation, rate of adoption is negatively affected by

- (a) Compatibility
- (b) Trialability
- (c) Complexity
- (d) Observability
- (e) Confirmation

**Answer:** (c) Complexity

**Q8.** Protoplasmic fusion between plants of different species

- (a) Intergeneric Hybridization
- (b) Interspecific hybridization
- (c) Somatic hybridization
- (d) Intrageneric hybridization
- (e) Intraspecific hybridization

**Answer:** (c) Somatic hybridization

**Q9.** Unwinding of silk cocoon is called?

- (a) Reeling
- (b) Weaving
- (c) Ginning
- (d) De linting

(e) Retting

**Answer:** (a) Reeling

**Q10.** The principle of this technique is the generation of nitrogen cycle by maintaining higher C: N ratio through stimulating heterotrophic microbial growth, which assimilates the nitrogenous waste that can be exploited by the cultured species as a feed?

(a) Hydroponics

(b) Bio floc fish farming

(c) Composite fish farming

(d) Integrated fish farming

(e) None of these

**Answer:** (b) Bio floc fish farming

**Q11.** In which of the following systems agriculture crop, Trees, Pasture

(a) Agrisilvi Pastoral

(b) Agrisilviculture

(c) Silvi Pastoral

(d) Agri Pastoral

(e) None of these

**Answer:** (a) Agrisilvi Pastoral

**Q12.** What is the family of mustard?

(a) Cruciferae

(b) Malvaceae

- (c) Apiaceae
- (d) Solanaceae
- (e) Rosaceae

**Answer:** (a) Cruciferae

**Q13.** What is the scientific name of Paddy?

- (a) Oryza sativa
- (b) Triticum durum
- (c) Zea mays
- (d) Avena sativa
- (e) Secale cereale

**Answer:** (a) Oryza sativa

**Q14.** PM Kisan is a Central Sector scheme with 100% funding from Government of India. Under the scheme an income support of 6,000/- per year will be provided to all institutional land holders?

- (a) PMKISAN
- (b) PMFBY
- (c) NFSM
- (d) PMKSY
- (e) PMMDY

**Answer:** (a) PMKISAN

**Q15.** What is the premium rate in PMFBY for rabi crops, oilseeds and.....



- (a) 2.0% of SI or Actuarial rate, whichever is less
- (b) 1.5% of SI or Actuarial rate, whichever is less
- (c) 5.0% of SI or Actuarial rate, whichever is less
- (d) 3.0% of SI or Actuarial rate, whichever is less
- (e) 4.0% of SI or Actuarial rate, whichever is less

**Answer:** (b) 1.5% of SI or Actuarial rate, whichever is less

**Q16.** Which of the following instrument used to measure soil moisture

- (a) Tensiometer
- (b) Hygrometer
- (c) Anemometer
- (d) Aerometer
- (e) Pycnometer

**Answer:** (a) Tensiometer

**Q17.** Which agency helps in the price policy of major agricultural crops for Government?

- (a) NAFED
- (b) CACP
- (c) FCI
- (d) Agmark
- (e) APEDA

**Answer:** (b) CACP

**Q18.** Seeds are dropped in furrows in continuous flow and are covered with soil?

- (a) Drilling
- (b) Dibbling
- (c) Broadcasting
- (d) Transplanting
- (e) Planting

**Answer:** (a) Drilling

**Q19.** The credit of success for KVK goes to?

- (a) Chandrika Prasad
- (b) Swaminathan
- (c) R.S. Paroda
- (d) Dr. Mangal Rai
- (e) Mohan Singh Mehta

**Answer:** (a) Chandrika Prasad

**Q20.** What is smother crop?

- (a) crop which suppresses weeds growing under it with quick growing ability and dense foliage
- (b) crops is one which is planted as a second crop after the first crop has reached its reproductive stage of growth but before it is ready for harvest.
- (c) Crop which conserves the soil moisture
- (d) Crops which prevent the soil from erosion
- (e) None of these

**Answer:** (a) crop which suppresses weeds growing under it with quick growing ability and dense foliage

**Q21.** Pungency in onion is due to

- (a) Allyl propyl disulphide
- (b) Allyl disulphide
- (c) Melanin
- (d) Ethephon
- (e) None of these

**Answer:** (a) Allyl propyl disulphide

**Q22.** What is the fruit type of Pineapple?

- (a) Berry
- (b) Pome
- (c) Drupe
- (d) Sorosis
- (e) Balusta

**Answer:** (d) Sorosis

**Q23.** Rose fruit type is known as

- (a) Hip
- (b) Balusta
- (c) Berry

- (d) Drupe
- (e) Syconus

**Answer:** (a) Hip

**Q24.** Blossom End Rot is in and is due to the deficiency of

- (a) Tomato, Fe
- (b) Tomato, Ca
- (c) Onion, Fe
- (d) Onion, Ca
- (e) Potato, P

**Answer:** (b) Tomato, Ca

**Q25.** What is the ICMR recommendation of Vegetables (g/day)?

- (a) 100
- (b) 200
- (c) 300
- (d) 400
- (e) 500

**Answer:** (c) 300

**Q26.** Disorder in Pomegranate in which arils are disintegration, where arils become soft, light creamy – brown to dark blackish brown and unfit for consumption and the deficiency is not seen externally?

- (a) Fruit crack



- (b) Granulation
- (c) Internal breakdown
- (d) Uneven ripening
- (e) Gummosis

**Answer:** (c) Internal breakdown

**Q27.** Symptoms of Powdery mildew of pea are first seen on which part of the plant?

- (a) Stem
- (b) Leaves
- (c) Fruits
- (d) Roots
- (e) Flower

**Answer:** (b) Leaves



**Q28.** Late blight is the disease of?

- (a) Potato
- (b) Tomato
- (c) Brinjal
- (d) Capsicum
- (e) Cucumber

**Answer:** (a) Potato

**Q29.** Which of the following chemical is used for reclamation of alkaline soil?



- (a) Gypsum
- (b) Lime
- (c) Calcium Carbonate
- (d) Sodium
- (e) Iron sulfate

**Answer:** (a) Gypsum

**Q30.** Water holding capacity decreasing order.

- (a) Clay> silt> sand
- (b) Sand> silt> clay
- (c) Silt> Sand> Clay
- (d) Clay> sand> silt
- (e) Silt> Clay> sand

**Answer:** (a) Clay> silt> sand

**Q31.** Which one is not sedimentary rock?

- (a) Granite
- (b) Gneiss
- (c) shale
- (d) conglomerate
- (e) limestone

**Answer:** (a) Granite

**Q32.** Act of Parturition in sow?

- (a) Farrowing
- (b) Lambing
- (c) Kidding
- (d) Covering
- (e) Spaying

**Answer:** (a) Farrowing

**Q33.** Zoonosis is?

- (a) transmission of disease from Animal to human
- (b) transmission of disease from Human to human
- (c) transmission of disease from animal to animal
- (d) transmission of disease from human to animal None of these
- (e) None of these

**Answer:** (a) transmission of disease from Animal to human

**Q34.** Pendimethalin is a?

- (a) Fungicide
- (b) Weedicide
- (c) Insecticide
- (d) Rodenticide
- (e) PGR

**Answer:** (b) Weedicide

**Q35.** 2,4-D is used as hormone, and it is also used as?

- (a) Fungicide
- (b) Weedicide
- (c) Insecticide
- (d) Rodenticide
- (e) Acaricide

**Answer:** (b) Weedicide

**Q36.** These features are of which buffalo: This buffalo has sickle shaped horns. This buffalo is greyish brown or black in colour

- (a) Surti
- (b) Bhadawari
- (c) Jaffarbadi
- (d) Murrah
- (e) Mehsana



**Answer:** (a) Surti

**Q37.** For which of the following R.M. test is used?

- (a) Ghee
- (b) Whole milk powder
- (c) Paneer
- (d) Butter



(e) Curd

**Answer:** (a) Ghee

**Q38.** Mandis is a type of market?

(a) Local

(b) Primary

(c) Secondary

(d) Tertiary

(e) Fair

**Answer:** (b) Primary

**Q39.** Discovery of mosaic in 1886 by Mayer?

(a) Tobacco

(b) Tomato

(c) Potato

(d) Chilli

(e) Capsicum

**Answer:** (a) Tobacco

**Q40.** Bordeaux mixture is ?

(a) Copper fungicide

(b) zinc fungicide

(c) iron fungicide



- (d) Sodium
- (e) None of these

**Answer:** (a) Copper fungicide

**Q41.** Piercing and sucking type mouth part in which order?

- (a) Hemiptera
- (b) Isoptera
- (c) Lepidoptera
- (d) Orthoptera
- (e) Zoptera

**Answer:** (a) Hemiptera

**Q42.** Beetle having horn like projection on head, black body and attacks on open terminal portion?

- (a) Rhinoceros beetle
- (b) Black headed caterpillar
- (c) Red palm weevil
- (d) Cockcater beetle
- (e) None of these

**Answer:** (a) Rhinoceros beetle

**Q43.** A process in which large fat globules are broken in smaller particles is known as

- (a) Homogenization

- (b) Emulsification
- (c) Centrifugation
- (d) Pasteurization
- (e) Breaking

**Answer:** (a) Homogenization

**Q44.** Amplifier host of Japanese encephalitis is?

- (a) Pig
- (b) Horse
- (c) Mosquito
- (d) Cattle
- (e) Dog

**Answer:** (a) Pig



**Q45.** Mould board instrument is used for

- (a) Ploughing
- (b) Weeding
- (c) Sowing
- (d) Intercultural Operation
- (e) Irrigation

**Answer:** (a) Ploughing

**Q46.** Scratching, rubbing and softening seed coat to make it permeable for water?



- (a) Scarification
- (b) Stratification
- (c) Scratching
- (d) Dilution
- (e) Removing

**Answer:** (a) Scarification

**Q47.** Which of the following housing system is used in commercial layer farming Cage system in poultry having dimensions of 14×16 inches or height 17 inches?

- (a) Free range
- (b) semi- intensive
- (c) battery cage
- (d) deep litter
- (e) Folding cage system

**Answer:** (c) battery cage

**Q48.** Progeny of breeder seed which should maintain certain germination standards and should be approved by certification agency?

- (a) Breeder
- (b) Nucleus
- (c) Foundation seed
- (d) Certified
- (e) Truthful Labeled

**Answer:** (c) Foundation seed



**Q49.** As per FSSAI Standards, SNF of cow milk is?

- (a) 9 Rouging
- (b) 8.5 Weeding
- (c) 8 Plucking
- (d) 7 eradication
- (e) (e) 9.5 None of these

**Answer:** (a) 9 Rouging

**Q52.** Due to which deficiency the following symptoms are seen: Rickets in children, Osteomalacia in adults Milk fever Reduction in milk yield

- (a) Calcium
- (b) Phosphorus
- (c) Zinc
- (d) Sulphur
- (e) Nitrogen



**Answer:** (a) Calcium

**Q53.** Increased performance of F1 hybrid over parent is called?

- (a) Dominance Heterosis
- (b) Inbreeding depression
- (c) Test cross
- (d) Back Cross



(e) None of these

**Answer:** (b) Inbreeding depression

**Q54.** Two well developed breeds are crossed Alternatively will be known as?

(a) Triple cross

(b) Double cross

(c) Criss Cross

(d) Test cross

(e) Back cross

**Answer:** (c) Criss Cross

**Q55.** Secretion of milk by glandular secretory tissue of milk animals & their collection in the various system terminating its let down – specific stimuli?

(a) Galactopoietic

(b) Galactosidase

(c) Lactation

(d) Dry period

(e) Intercalving

**Answer:** (c) Lactation

**Q56.** To determine whether an organism with a dominant phenotype is homozygous dominant or heterozygous which cross will be preferred the most?

(a) Back cross

(b) Test cross

- (c) Epistatic cross
- (d) Antibody cross
- (e) Heterosis

**Answer:** (b) Test cross

**Q57.** The gene which is having a masking effect is which kind of gene?

- (a) Epistatic
- (b) Synthetic
- (c) Covered
- (d) Pleiotropic
- (e) Tautomeric

**Answer:** (a) Epistatic

**Q58.** When many genes known to affect more than one character this kind of situation will be referred to as?

- (a) Multiple gene affect
- (b) Masking effect
- (c) Pleiotropy
- (d) Polymeric gene interaction
- (e) Somatic gene interaction

**Answer:** (c) Pleiotropy

**Q59.** A fertilized mature ovule consisting of embryo, stored food material and protective coats is known as?



- (a) Egg
- (b) Seed
- (c) true seed
- (d) Fertilized seed
- (e) None of these

**Answer:** (c) true seed

**Q60.** In India, normally how many generation system seed are produced?

- (a) 1
- (b) 2
- (c) 3
- (d) 4
- (e) 6

**Answer:** (c) 3

