

Q1. The excretory organ of silkworm which is located at the junction of the midgut and hindgut.

- (a) Proboscis
- (b) Malpighian tubule
- (c) Nephridia
- (d) Green glands
- (e) None

Answer: (b) Malpighian tubule

Q2. GnRH released from which organ?

- (a) Hypothalamus
- (b) Ovary
- (c) Thyroid Gland
- (d) Pancreas
- (e) Uterus

Answer: (a) Hypothalamus

Q3. Type of silviculture system which can regenerate through seeds and majority have a long life is __

- (a) Pollarding
- (b) High forest
- (c) Coppicing
- (d) Forking
- (e) None

Answer: (b) High forest

Q4. Empty barrels, plastic containers or Styrofoam bodies in cage culture can be used for the purpose?

- (a) Covering material
- (b) Float
- (c) Cage Cover
- (d) Covering material
- (e) Sinker

Answer: (b) Float

Q5. During drying, some parts of the wood may dry rapidly while some may not. Because of this, improper drying shrinkage of wood occurs, that results in the defect called _____

- (a) Cracking
- (b) Twist
- (c) Collapse
- (d) Warp
- (e) Case hardening

Answer: (c) Collapse

Q6. Sand percentage in sandy soil is

- (a) 40%
- (b) 60%
- (c) 80%

(d) 20%

(e) 45%

Answer: (c) 80%

Q7. A destructive polyhedrosis disease of silkworm that is related to wilt and is marked by spotty yellowing of the skin and internal liquefaction also called jaundice ____

(a) Pebrine

(b) Grasseries

(c) Flacherie

(d) Aspergillosis

(e) None

Answer: (b) Grasseries

Q8. Baby corn is harvested at which stage?

(a) Before silking

(b) Dough stage

(c) Milking stage

(d) After silking

(e) After tasseling

Answer: (d) After silking

Q9. Among the following is an example of an amide fertilizer?

(a) Ammonium nitrate

- (b) Ammonium sulphate
- (c) Urea
- (d) CAN
- (e) Calcium nitrate

Answer: (c) Urea

Q10. Red delicious is the variety of which fruit?

- (a) Mango
- (b) Apple
- (c) Banana
- (d) Guava
- (e) Cherry

Answer: (b) Apple

Q11. The process of parturition in Rabbit is called as

- (a) Kidding
- (b) Kindling
- (c) Lambing
- (d) Calving
- (e) None of these

Answer: (b) Kindling

Q12. The length of estrous cycle of sheep is



- (a) 21 days
- (b) 10 day
- (c) 15-18 days
- (d) 30 days
- (e) 2-3 days

Answer: (c) 15-18 days

Q13. Among the following which is the component of Knowledge communication system?

- (a) Farmer
- (b) Exhibition
- (c) Newspaper
- (d) Government agency
- (e) Universities

Answer: (a) Farmer

Q14. Which secondary tillage operation is used for breaking of clods and pulverizing soil?

- (a) Tilling
- (b) Inter-cultivation
- (c) Harrowing
- (d) Planking
- (e) Fertigation

Answer: (c) Harrowing

Q15. Ufra disease in rice is caused by ____

- (a) Bacteria
- (b) Nematode
- (c) Virus
- (d) Fungus
- (e) None

Answer: (b) Nematode

Q16. The term used to define the variation derived from any form of the cell or tissue culture is known as _____

- (a) Genetic Engineering
- (b) Somaclonal variation
- (c) Genetic Variation
- (d) Environmental Variation
- (e) None of the above

Answer: (b) Somaclonal variation

Q17. Acidic soil does not contain which of the following property?

- (a) >0.1% salinity
- (b) Iron and Aluminium accumulated in soil
- (c) CEC is low; base saturation is low
- (d) pH is low
- (e) None

Answer: (a) >0.1% salinity

Q18. Little Leaf of Brinjal is transmitted by?

- (a) Aphids
- (b) Planthopper- Hishimonus phycitis
- (c) Thrips
- (d) Birds
- (e) None of the above

Answer: (b) Planthopper- Hishimonus phycitis

Q19. What is the botanical name of Sal tree?

- (a) Shorea robusta
- (b) Tectonia grandis
- (c) Grevillea robusta
- (d) Eucalyptus roxburghi
- (e) None of the above

Answer: (a) Shorea robusta

Q20. What is the critical time period for the day light in long day plants?

- (a) 8-10 Hr
- (b) 10-12 Hr
- (c) 14-18 Hr
- (d) 20-24 Hr

(e) None of the above

Answer: (c) 14-18 Hr

Q21. The process of shrinkage of uterus of cow after birth & expansion & Relaxation of Mammary glands is called as _____

(a) Uterus involution

(b) Lactogenesis c)

(c) Galactogenesis

(d) Parturition

(e) Kidding

Answer: (a) Uterus involution

Q22. Which Himalayan breed of goat is found in Jammu & Kashmir, Himachal Pradesh with long horns, curled backwards, droopy ears, small teats and color is white but mostly brown or black and produces fine wool?

(a) Gaddi

(b) Sirohi

(c) Osmanabadi

(d) Malabari

(e) None

Answer: (a) Gaddi

Q23. The statutory body which is not under Ministry of Commerce and Industries?

(a) Tobacco Board

- (b) Coffee Board
- (c) Rubber Board
- (d) Cardamom Board
- (e) Tea Board

Answer: (d) Cardamom Board

Q24. A person performs vegetable cultivation, fishery, woody crops but that is for self-consumption. It is called as

- (a) Agri silviculture
- (b) Agrihortisilviculture
- (c) Agri-olericulture
- (d) Homestead agroforestry
- (e) none

Answer: (d) Homestead agroforestry

Q25. Revolving Fund: DAY-NRLM, MoRD, would provide Revolving Fund (RF) support to SHGs in existence for a minimum period of 3/6 months and follow the norms of good SHGs, i.e. they follow 'Panchasutra'— regular meetings, regular savings, regular internal lending, regular recoveries and maintenance of proper books of accounts. Only such SHGs that have not received any RF earlier would be provided with RF, as corpus, with a minimum of _____ and up to a maximum of _____ per SHG. The purpose of RF is to strengthen their institutional and financial management capacity and build a good credit history within the group.

- (a) 10000-15000
- (b) 15000-20000
- (c) 25000-30000
- (d) 25000-50000

(e) None of the above

Answer: (a) 10000-15000

Q26. The curd is precipitated using rennet or any other enzyme and then filtered. What is formed from this?

(a) Yoghurt

(b) Cheese

(c) Ghee

(d) Butter

(e) Cream

Answer: (b) Cheese

Q27. The process of removal of stamens or anthers or killing the pollen of a flower without harming female reproductive organ is known as

(a) Emasculation

(b) Male sterility

(c) Self-incompatibility

(d) Parthenogenesis

(e) None of the above

Answer: (a) Emasculation

Q28. Which scheme is providing guaranteed 100 Days employment unskilled and manual?

(a) MGNREGA

(b) NRLM

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EDTECH

- (c) PMMSY
- (d) PMKSY
- (e) None of the above

Answer: (a) MGNREGA

Q29. Which hormone is involved in conversion of glycogen to glucose?

- (a) Glucagon
- (b) Insulin
- (c) Testosterone
- (d) Progesterone
- (e) Somatotropin

Answer: (a) Glucagon

Q30. During rainy and winter season how sowing of maize is done?

- (a) Ridges and furrows
- (b) Flat bed
- (c) Sunken bed
- (d) Any of them
- (e) None of them

Answer: (a) Ridges and furrows

Q31. Which of the following hormone is involved in the conversion of glycogen to glucose?

- (a) Somatotropin

- (b) Glucagon
- (c) Progesterone
- (d) Estragon
- (e) Insulin

Answer: (b) Glucagon

Q32. Crossing of the two different pair of alleles, having different traits is

- (a) Monohybrid
- (b) Dihybrid
- (c) Test Cross
- (d) Back cross
- (e) Top cross

Answer: (b) Dihybrid

Q33. What is the limit of credit for FPOs under Priority sector lending for the agriculture production purpose

- (a) 1 Cr
- (b) 2 Cr
- (c) 5 Cr
- (d) 10 Cr
- (e) 12.50 Cr

Answer: (b) 2 Cr

Q34. The finfish which contributes maximum to the global aquaculture is

- (a) Silver carp
- (b) Common carp
- (c) Catla
- (d) Rohu
- (e) Grass carp

Answer: (b) Common carp

Q35. The scientific name of grass carp is.....

- (a) Ctenopharyngodon idella
- (b) Cyprinus carpio
- (c) Cirrihinus mirrigala
- (d) Labeo rohita
- (e) Catla catla

Answer: (a) Ctenopharyngodon idella

Q36. The Rational equation is the simplest method to determine peak discharge from drainage basin runoff $Q=CIA$, C Stands for

- (a) Peak discharge, cfs
- (b) Runoff coefficient
- (c) Rainfall intensity, inch/hour
- (d) Drainage area, acre
- (e) Runoff potential

Answer: (b) Runoff coefficient

Q37. The old man cactus is a species of cactus native to Hidalgo and Veracruz in central Mexico. scientific name of old man Cactus is?

- (a) Cereus spp.
- (b) Echinocactus
- (c) Oerocem trails
- (d) Cephalocereus senilis
- (e) Opuntia humifusa

Answer: (d) Cephalocereus senilis

Q38. What is the process by which the cow regurgitates previously consumed feed and chews it further?

- (a) Digestion
- (b) Excretion
- (c) Absorption
- (d) Rumination
- (e) Bloating

Answer: (d) Rumination

Q39. Which Institute of UN collects and maintains the data related to the food production consumption and hunger related information of various countries?

- (a) FSSAI
- (b) FCI

(c) UNICEF

(d) FAO

(e) APEDA

Answer: (d) FAO

Q40. Which post-harvest process is done in Paddy before dehusking, involves partial boiling of the paddy before milling in order to increase its nutritional value, to change the texture of cooked rice, and reduce the breakage in milling.

(a) Parboiling

(b) Polishing

(c) Dehusking

(d) Winnowing

(e) Polenske value

Answer: (b) Polishing

Q41. The part of engine where ignition and mixing of fuel and air takes place and gases get sufficient place to mix air by which engine can produce power is

(a) Crankshaft

(b) Camshaft

(c) Flywheel

(d) Rocker's arm

(e) Cylinder

Answer: (e) Cylinder

Q42. The process of taking out threads from the cocoons, to obtain silk fibres is called.....

- (a) Reeling
- (b) Rolling
- (c) Processing
- (d) Extracting
- (e) Stifling

Answer: (a) Reeling

Q43.is non- living organic matter within soil, derived from the microbial decomposition of plants and animals

- (a) Soil colloids
- (b) Lipids
- (c) Polysaccharides
- (d) Humus
- (e) Lignin

Answer: (d) Humus

Q44. The process of removing the green colouring (known as chlorophyll) from the skin of citrus fruit. This is achieved by introducing measured amounts of ethylene gas into a temperature and humidity-controlled environment. This is known as

- (a) Ripening
- (b) Degreening
- (c) Physiological maturity
- (d) Denavelling

(e) Dehusking

Answer: (b) Degreening

Q45. The Germination percentage in onion in case of certified seeds is

(a) 90% Deciduous trees

(b) 99% Evergreen trees

(c) 85% Mangrove trees

(d) 80% Shelterbelts

(e) 70% Chirpine

Answer: (e) 70% Chirpine

Q47. Quincunx system accommodates how much more plants than square system of planting?

(a) 2 times

(b) 1.5 times

(c) 3 times

(d) 4 times

(e) 10 times

Answer: (b) 1.5 times

Q48. The operation of pulsing is done for ____

(a) To increase the shelf/vase life of flowers

(b) To increase the shelf life of vegetables

(c) To increase the shelf life of fruits

- (d) To increase the shelf life of plantation crops
- (e) To increase shining of fruits

Answer: (a) To increase the shelf/vase life of flowers

Q49. The Fungus which causes soft rot and leakage of juices from fruits such as tomato, sweet potato etc. is

- (a) Erwinia cratovora
- (b) Rhizopus spp.
- (c) E. crysanthemii
- (d) E. areola
- (e) Plasmodophora viticola

Answer: (b) Rhizopus spp.

Q50. It is a pest when it is a larva, feeding on crops as it grows in size till it pupates and remains dormant from August till end of May.

- (a) Red Hairy caterpillar
- (b) Castor semilooper
- (c) Tobacco caterpillar
- (d) Bihar hairy caterpillar
- (e) Leaf hopper

Answer: (a) Red Hairy caterpillar

Q51. In a combine harvester, the ratio of reel peripheral speed to the forward speed should normally be in the range of

- (a) 0.25-0.50
- (b) 1.25-1.50
- (c) 3.00-3.50
- (d) 4.50-5.30
- (e) 5.55-8.75

Answer: (b) 1.25-1.50

Q52. The disease is most severe during cool weather when heavy dews are present. The infection of virus due to which plant leaves converted to pale yellow. Name the disease?

- (a) Necrosis
- (b) Mottling
- (c) Ring spot
- (d) Blight
- (e) Wilt

Answer: (c) Ring spot



Q53. Consider the following statements and choose the incorrect statement regarding sexual reproduction

- (a) Propagated through seeds
- (b) pollen gets transferred to the stigma the male gametes from pollen grains release and fuse with the egg
- (c) Pollen contains the male gametes
- (d) It helps in evolution of species.
- (e) All are correct or None is incorrect



Answer: (e) All are correct or None is incorrect

Q54. Power generated in engine cylinder and received by piston without frictional losses

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- (a) IHP
- (b) BHP
- (c) FHP
- (d) PTO
- (e) None

Answer: (a) IHP

Q55. Specialized system which is produced from the leaf axil at the crown of the plant and prostrate horizontally is known as

- (a) Sucker
- (b) Tuber
- (c) Runner
- (d) Offset
- (e) Rhizome

Answer: (c) Runner

Q56. It consists of a series of hinged or fixed hammers attached to a shaft which rotates at high speed; peripheral speeds up to 100 m/s are possible. Such devices are used primarily for hard and brittle materials such as pepper, sugar, dried milk, dried vegetables and spices. Device is

.....

- (a) Hammer type

- (b) Tooth spike
- (c) Drum type thresher
- (d) Syndicate type thresher
- (e) None

Answer: (a) Hammer type

Q57. The sum of lignin and polysaccharides that are not digested by endogenous secretion of digestive tract

- (a) Lipid
- (b) Polysaccharides
- (c) Starch
- (d) Crude fibres
- (e) Amides

Answer: (d) Crude fibres

Q58. Aphid is responsible for which disease in tobacco

- (a) Tobacco mosaic virus disease
- (b) Tobacco leaf curl disease
- (c) Tobacco wilt
- (d) Cucumber mosaic virus
- (e) None of these Ans:

Answer: (d) Cucumber mosaic virus

Q59. In which planting system 4 plants are planted in a square in which plant to plant and grow to grow distance is same and plants are planted to right angle to each other

- (a) Triangular
- (b) Rectangle
- (c) Hexagonal
- (d) Diagonal
- (e) Square

Answer: (e) Square

Q60. After sheet erosion minute finger like structures are formed if not taken care

- (a) Gully
- (b) Gulli
- (c) Sheet
- (d) Rill
- (e) Ravines

Answer: (d) Rill

