

Q1. Keeping in view interest of sugarcane farmers, the Cabinet Committee on Economic Affairs has approved Fair and Remunerative Price (FRP) of sugarcane (Rs/quintal) for sugar season 2021-22 is.....

- (a) 210
- (b) 280
- (c) 250
- (d) 320
- (e) 290

Answer: (e) 290

Q2. Akoichi disease in rice is due to toxicity of

- (a) Zn₂s
- (b) FE₂S
- (c) H₂S
- (d) FeS₂
- (e) Cao



Answer: (c) H₂S

Q3. Amrapali is a cross of

- (a) Dashehari * Neelam
- (b) Sindhu * Ratna
- (c) Ratna * Neelam
- (d) Alphanso * Neelam
- (e) None of the above



Answer: (a) Dashehari * Neelam

Q4. Pusa Nanha Variety of papaya is developed by

- (a) Mutation
- (b) Hybridization
- (c) Conventional Breeding
- (d) Tissue culture
- (e) None of the above

Answer: (a) Mutation

Q5. Muga silkworm is reared on which of the following tree species?

- (a) Terminalia arjuna
- (b) Ricinus communis
- (c) Mulberry
- (d) Bombyx mori
- (e) Som and Soalu

Answer: (e) Som and Soalu

Q6. Major Characteristic symptom of stem borer in rice.....

- (a) Chaffy Grains
- (b) Dead Heart
- (c) Silvery shoot
- (d) Hopper Burn

(e) White Patchy

Answer: (b) Dead Heart

Q7. Which instrument is used to determine the adulteration of water content in milk?

(a) Hydrometer

(b) Lactometer

(c) Lactoscope

(d) Hygrometer

(e) Anemometer

Answer: (b) Lactometer

Q8. Pasteurization is done in milk

(a) To retain color and flavour of milk

(b) To enhance acidity

(c) To reduce adulteration in milk

(d) To reduce fat globules in the milk

(e) To kill pathogenic bacteria

Answer: (e) To kill pathogenic bacteria

Q9. As per the First Revised Estimates released on 29th January 2021, according to National Statistical Office Ministry of Statistics & Programme Implementation, livestock contribution in GVA in 2019-20 is%

(a) 4.6

(b) 4.8



(c) 5.0

(d) 4.4

(e) 5.2

Answer: (e) 5.2

Q10. Which of the following method is not related to direct gene transfer?

(a) DNA Transmission

(b) Particle Bombardment

(c) Tissue culture

(d) Microinjection

(e) Electroporation

Answer: (c) Tissue culture

Q11. By which of the following test, milk Pasteurization is done or not can be determined

(a) Alcoholic test

(b) Clot on boiling test

(c) Methylene blue reduction test

(d) Alkaline phosphatase test

(e) None of the above

Answer: (d) Alkaline phosphatase test

Q12. Coorg is a commercial variety of which plantation crop?

(a) Coffee

- (b) Rubber
- (c) Tea
- (d) Cashew
- (e) Cocoa

Answer: (a) Coffee

Q13. Oil content (%) present in groundnut.

- (a) 15-22
- (b) 35-40
- (c) 44-52
- (d) 22-24
- (e) 18-20

Answer: (c) 44-52



Q14. Drought purpose breed of cattle is

- (a) Tharparkar
- (b) Gir
- (c) Red sindhi
- (d) Sahiwal
- (e) Krishna Valley

Answer: (c) Red sindhi

Q15. Dual purpose breed of goat is



- (a) Beetul
- (b) Black Bengal
- (c) Marwari
- (d) Jamunapari
- (e) All of these

Answer: (a) Beetul

Q16. Curled toe disease in poultry is caused by the deficiency of which vitamin?

- (a) Vitamin B1
- (b) Vitamin B2
- (c) Vitamin D
- (d) Vitamin B12
- (e) Vitamin E

Answer: (b) Vitamin B2

Q17. “Queen of milk” breed among the following goat breeds.

- (a) Mewati
- (b) Bhadawari
- (c) Jamunapari
- (d) Saanen
- (e) Barberi

Answer: (d) Saanen

Q18. Adiabatic dehumidification will lead in humidity and in temperature.

- (a) Increase, Decrease
- (b) Increase, Increase
- (c) Decrease, Increase
- (d) Decrease, Decrease
- (e) None of the above

Answer: (c) Decrease, Increase

Q19. Fishes able to tolerate different concentration of inity known as

- (a) Euryhaline
- (b) Oligohaline
- (c) Stenohaline
- (d) Estuarine
- (e) None of the above

Answer: (a) Euryhaline

Q20. Indicator plant for boron deficiency in soils.

- (a) Wheat
- (b) Rice
- (c) Sunflower
- (d) Mustard
- (e) Safflower

Answer: (e) Safflower

Q21. Which of the following ameliorate is cost effective and easily available for the reclamation of sodic soil?

- (a) Gypsum
- (b) Ammonium sulfate
- (c) Lime
- (d) Iron pyrite
- (e) Ammonium nitrate

Answer: (a) Gypsum

Q22. Rock phosphate used in which soil?

- (a) Saline soil
- (b) Sodic soil
- (c) Acidic soil
- (d) Alkali soil
- (e) Neutral soil

Answer: (c) Acidic soil

Q23. Which of the following is silk cotton tree?

- (a) Sal
- (b) Deodar
- (c) silver oak

(d) Eucalyptus

(e) Kapok

Answer: (e) Kapok

Q24. Which fish can be easily grown in brackish water with quick growth rate and can tolerate the fluctuations in temperature?

(a) White prawn

(b) Sardines

(c) Tiger Shrimp

(d) Lobster

(e) Milk fish

Answer: (c) Tiger Shrimp

Q25. Curing temperature of potato is

(a) 33

(b) 37.8

(c) 25

(d) 35

(e) 20

Answer: (e) 20

Q26. Cricket ball and kalli patti varieties of which crop.

(a) Sapota

- (b) Citrus
- (c) papaya
- (d) apple
- (e) Plum

Answer: (a) Sapota

Q27. To prevent erosion in hills

- (a) Bench terracing
- (b) Contour bunding
- (c) Terrace Farming
- (d) Zing terracing
- (e) Graded bunding

Answer: (b) Contour bunding

Q28. Which machinery can be used for all purpose like sowing, field preparation, weeding etc.

- (a) Disc plough
- (b) Disc harrow
- (c) Rotavator
- (d) cultivator
- (e) Land leveler

Answer: (c) Rotavator

Q29. To reduce fertilizer, use govt has decreased urea bag size from 50 kg to__kg.

- (a) 45
- (b) 42
- (c) 38
- (d) 25
- (e) 28

Answer: (a) 45

Q30. It is the practice of forestry in areas devoid of tree growth and other vegetation situated in places away from the conventional forest areas with the object of increasing the area under tree growth.

- (a) Social forestry
- (b) Recreational forestry
- (c) Farm forestry
- (d) Mixed forestry
- (e) Extension forestry

Answer: (e) Extension forestry



Q31. The process of turning immature fruits into desirable colour and flavour, edible, palatable with ethylene treatment is termed as _____

- (a) Degreening
- (b) Ripening
- (c) Yellowing
- (d) Maturity
- (e) All of these

Answer: (b) Ripening

Q32. The Movement of plant towards sunlight is known as

- (a) Photosynthesis
- (b) Photorespiration
- (c) Phototropism
- (d) Photoperiodism
- (e) Photophosphorylation

Answer: (c) Phototropism

Q33. Golden rice is rich in

- (a) vitamin A
- (b) vitamin D
- (c) vitamin E
- (d) vitamin B
- (e) vitamin C

Answer: (a) vitamin A

Q34. Leaf curl disease in Chilli is transmitted by

- (a) White fly
- (b) Thrips
- (c) Aphids
- (d) Hopper



(e) None of these

Answer: (a) White fly

Q35. Which of the following will bring ease in adoption of zero till system?

(a) Nematicides

(b) Fungicides

(c) Pesticides

(d) Insecticides

(e) Herbicides

Answer: (e) Herbicides

Q36. Minimum isolation distance of okra in certified seed (metre)

(a) 1000

(b) 400

(c) 600

(d) 500

(e) 200

Answer: (e) 200

Q37. The gestation period in cows is approximately _____

(a) 310 days

(b) 283 days

(c) 110 days



(d) 360 days

(e) 245 days

Answer: (b) 283 days

Q38. Which of the following structure receives partial air, water and sunlight from atmosphere?

(a) Polyhouse

(b) Shade net

(c) Green house

(d) Glass house

(e) Hydroponics

Answer: (b) Shade net

Q39. In which of the following variety of guava the fruit is huge and round shaped, primrose yellow skin shaded, and is also known as sardar

(a) Safeda

(b) Allahabad safeda

(c) L-49

(d) Allahabad surkha

(e) None of these

Answer: (c) L-49

Q40. How much concentrate is fed to Cross bred exotic 5 months pregnant cattle other than maintenance?

(a) 0.5 kg

- (b) 1.0 kg
- (c) 1.5 kg
- (d) 2.0 kg
- (e) 3.0 kg

Answer: (c) 1.5 kg

Q41. The caste of bees which include imperfectly developed female unable to reproduce is ____

- (a) Queen bee
- (b) Drone
- (c) Worker Bee
- (d) Solitary bee
- (e) All of these

Answer: (c) Worker Bee

Q42. The bacterial disease of fish in which the fin edges turn white, and fins appear ragged and split is ____

- (a) Vibriosis
- (b) Dropsy
- (c) Fin and tail rot
- (d) Columnaris
- (e) Red pest

Answer: (c) Fin and tail rot

Q43. When plant is propagated by small tissue or part of a plant then that particular technique is termed as

- (a) Hybridization
- (b) Somatic hybridization
- (c) Sexual propagation
- (d) Micro-propagation
- (e) None of these

Answer: (d) Micro-propagation

Q44. Which of the following fish has lungs as labyrinth?

- (a) Catla
- (b) Rohu
- (c) Mrigal
- (d) Gourami
- (e) None of these

Answer: (d) Gourami



Q45. When is dehaulming done in potato crop?

- (a) 5 days before harvesting
- (b) 30 - 35 days before harvesting
- (c) 10-15 days before harvesting
- (d) Just before harvesting
- (e) None of the above

Answer: (c) 10-15 days before harvesting

Q46. An extreme form of minimum tillage where primary tillage is completely avoided, and secondary tillage is restricted to row zone or seed bed zone only is _____

- (a) Minimum tillage
- (b) Strip tillage
- (c) Ridge tillage
- (d) Stubble mulch farming
- (e) Zero tillage

Answer: (e) Zero tillage

Q47. used in tractor transmission for attaching combine harvester and thresher to tractor.

- (a) Tractor pulley
- (b) Power take off
- (c) Battery
- (d) Hitch
- (e) Drawbar

Answer: (b) Power take off

Q48. Which of the following is responsible for seed dormancy?

- (a) Physical cracking
- (b) Fungal growth
- (c) Pathogen infestation

- (d) Distorted Seed coat
- (e) Immature embryo

Answer: (e) Immature embryo

Q49. Loans against hypothecation of agriculture produce for upto 12 months period subject to a limit of upto..... against NWR/eNWR.

- (a) 5 lakhs
- (b) 25 lakhs
- (c) 50 lakhs
- (d) 75 lakhs
- (e) 85 lakhs

Answer: (d) 75 lakhs

Q50. The Sugarcane ripening is indicated by ___% of TSS.

- (a) 10
- (b) 12
- (c) 20
- (d) 25
- (e) 33

Answer: (c) 20

Q51. An element which forms the component of protein and chlorophyll and is required in amino acid formation is ___

- (a) N



- (b) P
- (c) K
- (d) Mg
- (e) S

Answer: (a) N

Q52. Norin 10 is dwarfing gene of

- (a) Rice
- (b) Wheat
- (c) Maize
- (d) Bajra
- (e) None of these

Answer: (b) Wheat

Q53. ACABC (Agri-Clinic or Agri- business Centre) takes training from which of the following organization?

- (a) ATMA
- (b) NABARD
- (c) KVK
- (d) ICAR
- (e) MANAGE

Answer: (e) MANAGE

Q54. In Production function curve, which stage starts when AP and MP intersect each other, and E is equal to 1?

- (a) Stage 1
- (b) Stage 2
- (c) Stage 3
- (d) Both A and B
- (e) Both A and C

Answer: (b) Stage 2

Q55. Which among the following fishes is not a surface water (pelagic) fish?

- (a) Anchovies
- (b) Sardines
- (c) Flatfish
- (d) Mackerels
- (e) Tuna

Answer: (c) Flatfish

Q56. Which of the following is not a major pigment of photosynthesis?

- (a) Chlorophyll a
- (b) Chlorophyll b
- (c) Carotene
- (d) Both A and B
- (e) All of these

Answer: (c) Carotene

Q57. Carbohydrate is present only around of total animal body

- (a) 1%
- (b) 2%
- (c) 5%
- (d) 10%
- (e) 30%

Answer: (a) 1%

Q58. Jaya, a high yielding variety developed in India which outyield both its parent was a cross between

- (a) TN-1 x IR-8
- (b) TN-1 x T-141
- (c) T-141 x TN-1
- (d) IR-8 x Lerma Rojo
- (e) None of these

Answer: (b) TN-1 x T-141

Q59. ___ is a method used to observe the growth and development of an embryo inside an egg by using a bright light source behind the egg to show details through the shell

- (a) Brooding
- (b) Candling
- (c) Broiling



(d) Auto sexing

(e) Pipping

Answer: (b) Candling

Q60. In an offset harrow, number of gangs is/are

(a) 1

(b) 2

(c) 3

(d) 4

(e) 6

Answer: (b) 2

