

• Question No. 1

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 .

Options :

1. 210
2. 280
3. 250
4. 320
5. 290

Answer : 290

• Question No. 2

Akoichi disease in rice is due to toxicity of

Options :

1. Zn₂s
2. FE₂S
3. H₂S
4. FeS₂
5. Cao

Answer : H₂S

• Question No. 3

Amrapali is a cross of

Options :

1. Dashehari * Neelam

2. Sindhu * Ratna
3. Ratna * Neelam
4. Alphanso * Neelam
5. None of the above

Answer : Dashehari * Neelam

• Question No. 4

Pusa Nanha Variety of papaya is developed by

Options :

1. Mutation
2. Hybridization
3. Conventional Breeding
4. Tissue culture
5. None of the above

Answer : Mutation

• Question No. 5

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

Options :

1. Terminalia arjuna
2. Ricinus communis
3. Mulberry
4. Bombyx mori
5. Som and Soalu

Answer : Som and Soalu

• Question No. 6

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

Options :

1. Chaffy Grains
2. Dead Heart
3. Silery shoot
4. Hopper Burn
5. White Patchy

Answer : Dead Heart

- Question No. 7

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

Options :

1. Hydrometer
2. Lactometer
3. Lactoscope
4. Hygrometer
5. Anemometer

Answer : Lactometer

- Question No. 8

Pasteurisation is done in milk

Options :

1. To retain color and flavour of milk
2. To enhance acidity
3. To reduce adulteration in milk
4. To reduce fat globules in the milk
5. To kill pathogenic bacteria

Answer : To kill pathogenic bacteria

• Question No. 9

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%

Options :

1. 4.6
2. 4.8
3. 5.0
4. 4.4
5. 5.2

Answer : 5.2

• Question No. 10

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

Options :

1. DNA Transmission
2. Particle Bombardment
3. Tissue culture
4. Micro injection
5. Electroporation

Answer : Tissue culture

• Question No. 11

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

Options :

1. Alcoholic test
2. Clot on boiling test
3. Methylene blue reduction test
4. Alkaline phosphatase test
5. None of the above

Answer : Alkaline phosphatase test

• Question No. 12

Coorg is a commercial variety of which plantation crop?

Options :

1. Coffee
2. Rubber
3. Tea
4. Cashew
5. Cocoa

Answer : Coffee

• Question No. 13

Oil content (%) present in groundnut.

Options :

1. 15-22
2. 35-40
3. 44-52
4. 22-24
5. 18-20

Answer : 44-52

- Question No. 14

Draught purpose breed of cattle is

Options :

1. Tharparkar
2. Gir
3. Red sindhi
4. Sahiwal
5. Krishna Valley

Answer : Krishna Valley

- Question No. 15

Dual purpose breed of goat is

Options :

1. Barbari
2. Anglo-nubian
3. Marwari
4. Jamunapari
5. All of these

Answer : All of these

- Question No. 16

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

Options :

1. Vitamin B1
2. Vitamin B2
3. Vitamin D

4. Vitamin B 12

5. Vitamin E

Answer : Vitamin B2

- Question No. 17

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

Options :

1. Mewati

2. Bhadawari

3. Jamunapari

4. Saanen

5. Barberi

Answer : Saanen

- Question No. 18

Adiabatic dehumidification will lead in humidity and in temperature.

Options :

1. Increase, Decrease

2. Increase, Increase

3. Decrease, Increase

4. Decrease, Decrease

5. None of the above

Answer : Decrease, Increase

- Question No. 19

Fishes able to tolerate different concentration of salinity known as

Options :

1. Euryhaline
2. Oligohaline
3. Stenohaline
4. Estuarine
5. None of the above

Answer : Euryhaline

• Question No. 20

Indicator plant for boron deficiency in soils.

Options :

1. Wheat
2. Rice
3. Sunflower
4. Mustard
5. Safflower

Answer : Sunflower

• Question No. 21

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

Options :

1. Gypsum
2. Ammonium sulfate
3. Lime
4. Iron pyrite
5. Ammonium nitrate

Answer : Gypsum

- Question No. 22

Rock phosphate used in which soil?

Options :

1. Saline soil
2. Sodic soil
3. Acidic soil
4. Alkali soil
5. Neutral soil

Answer : Acidic soil

- Question No. 23

Which of the following is silk cotton tree?

Options :

1. Sal
2. Deodar
3. silver oak
4. Eucalyptus
5. Kapok

Answer : Kapok

- Question No. 24

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

Options :

1. White prawn
2. Sardines

3. Tiger Shrimp
4. Lobster
5. Milk fish

Answer : Tiger Shrimp

• Question No. 25

Curing temperature of potato is□

Options :

1. 33
2. 37.8
3. 25
4. 35
5. 20

Answer : 20

• Question No. 26

Cricketball and kalli patti varieties of which crop.

Options :

1. Sapota
2. Citrus
3. papaya
4. apple
5. Plum

Answer : Sapota

• Question No. 27

To prevent erosion in hills

Options :

1. Sub soiling
2. Contour bunding
3. Soil conditioning
4. Planting shallow rooted crops
5. Mulching

Answer : Contour bunding

• Question No. 28

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

Options :

1. Disc plough
2. Disc harrow
3. Rotavator
4. cultivator
5. Land leveller

Answer : Rotavator

• Question No. 29

To reduce fertilizer use govt has decreased urea bag size from 50 kg to ___ kg.

Options :

1. 45
2. 42
3. 38
4. 25
5. 35

Answer : 45

• Question No. 30

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.

Options :

1. Social forestry
2. Recreational forestry
3. Farm forestry
4. Mixed forestry
5. Extension forestry

Answer : Extension forestry

• Question No. 31

Immature fruits turned into desirable colour and flavour, edible, palatable with ethylene treatment

Options :

1. Degreening
2. Ripening
3. Yellowing
4. Maturity
5. All of these

Answer : Ripening

• Question No. 32

Movement of plant towards sunlight is known as

Options :

1. Photosynthesis
2. Photorespiration

3. Phototropism
4. Photoperiodism
5. Photophosphorylation

Answer : Phototropism

• Question No. 33

Golden rice is rich in

Options :

1. vitamin A
2. vitamin D
3. vitamin E
4. vitamin B
5. vitamin C

Answer : vitamin A

• Question No. 34

Leaf curl disease in Chilli is transmitted by

Options :

1. White fly
2. Thrips
3. Aphids
4. Hopper
5. None of these

Answer : White fly

• Question No. 35

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

Options :

1. Nematicides
2. Fungicides
3. Pesticides
4. Insecticides
5. Herbicides

Answer : Herbicides

• Question No. 36

Minimum isolation distance of okra in certified seed (metre)

Options :

1. 1000
2. 400
3. 600
4. 50
5. 200

Answer : 200

• Question No. 37

In cattles, Pregnancy symptom when embryo is out

Options :

1. Anoestrus
2. Silent oestrus
3. Lapsing of uterus
4. Sexual imparity
5. All of these

Answer : Lapsing of uterus

- Question No. 38

In which of the following structure receive partial air, water and sunlight from atmosphere?

Options :

1. Polyhouse
2. Shade net
3. Green house
4. Glass house
5. Hydroponics

Answer : Shade net

- Question No. 39

Guava flesh pink spot variety also known as sardar

Options :

1. Safeda
2. Allahabad safeda
3. L-49
4. Allahabad surkha
5. None of these

Answer : L-49

- Question No. 40

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

Options :

1. 0.5 kg
2. 1.0 kg
3. 1.5 kg

4. 2.0 kg

5. 3.0 kg

Answer : 1.5 kg

• Question No. 41

Imperfectly developed female unable to reproduce

Options :

1. Queen bee

2. Drone

3. Worker Bee

4. Solitary bee

5. All of these

Answer : Worker Bee

• Question No. 42

Bacterial disease of fish, disintegrating fins, brittle fin rays

Options :

1. Vibriosis

2. Dropsy

3. Fin and tail rot

4. Columnaris

5. Red pest

Answer : Fin and tail rot

• Question No. 43

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

Options :

1. Hybridization
2. Somatic hybridization
3. Sexual propagation
4. Micro-propagation
5. None of these

Answer : Micro-propagation

• Question No. 44

Which of the following fish has lungs as labyrinth?

Options :

1. Catla
2. Rohu
3. Mrigal
4. Gourami
5. None of these

Answer : Gourami

• Question No. 45

Drainage method used in high water table areas under the surface.

Options :

1. Tile drainage
2. Mole drainage
3. Sub surface drainage
4. Pipe drains
5. Ditch drainage

Answer : Sub surface drainage

- Question No. 46

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

Options :

1. Minimum tillage
2. Strip tillage
3. Ridge tillage
4. Stubble mulch farming
5. Zero tillage

Answer : Zero tillage

- Question No. 47

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

Options :

1. Tractor pulley
2. Power take off
3. Battery
4. Hitch
5. Drawbar

Answer : Power take off

- Question No. 48

Which of the following is responsible for seed dormancy?

Options :

1. Physical cracking
2. Fungal growth

- 3. Pathogen infestation
- 4. Distorted Seed coat
- 5. Immature embryo

Answer : Immature embryo

• Question No. 49

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

Options :

- 1. 5 lakh
- 2. 25 lakh
- 3. 50 lakh
- 4. 75 lakh
- 5. 85 lakh

Answer : 75 lakh

• Question No. 50

TSS for sugarcane ripening (%)

Options :

- 1. 10
- 2. 12
- 3. 20
- 4. 25
- 5. 33

Answer : 20

• Question No. 51

Component of protein and chlorophyll, required in amino acid formation

Options :

1. N
2. P
3. K
4. Mg
5. S

Answer : N

- Question No. 52

Norin 10 is dwarfing gene of

Options :

1. Rice
2. Wheat
3. Maize
4. Bajra
5. None of these

Answer : Wheat

- Question No. 53

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

Options :

1. ATMA
2. NABARD
3. KVK
4. ICAR
5. MANAGE

Answer : MANAGE

- Question No. 54

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

Options :

1. Stage 1
2. Stage 2
3. Stage 3
4. Both A and B
5. Both A and C

Answer : Stage 2

- Question No. 55

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

Options :

1. Anchovies
2. Sardines
3. Flatfish
4. Mackerels
5. Tuna

Answer : Flatfish

- Question No. 56

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

Options :

1. Chlorophyll a

2. Chlorophyll b
3. Carotene
4. Both A and B
5. All of these

Answer : Carotene

• Question No. 57

Carbohydrate is present only around of total animal body

Options :

1. 1%
2. 2%
3. 5%
4. 10%
5. 30%

Answer : 1%

• Question No. 58

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

Options :

1. TN-1 x IR-8
2. TN-1 x T-141
3. T-141 x TN-1
4. IR-8 x Lerma Rojo
5. None of these

Answer : TN-1 x T-141

• Question No. 59

To look at the inside of a developing egg by shining a bright light through it, is called

Options :

1. Brooding
2. Candling
3. Broiling
4. Auto sexing
5. Pipping

Answer : Candling

- Question No. 60

In an offset harrow, number of gangs is/are

Options :

1. 1
2. 2
3. 3
4. 4
5. 6

Answer : 2

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