

OUAT PG

**Previous Year Paper
(M. Sc. Agriculture)
18 Jul, 2024 Shift 1**

Adda247

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OUAT PG Exam

Participant ID	
Participant Name	
Test Center Name	
Test Date	18/07/2024
Test Time	9:00 AM - 11:00 AM
Subject	M Sc Agriculture

Section : Section A

Q.1 Classification adopted by the 10th edition of dictionary of fungi are based on phylogenetic relationship as evidenced by

Ans 1. 18SrRNA sequences

2. DNA sequences

3. 16SrRNA sequences

4. Protein sequences

Question Type : MCQ

Question ID : 5716585643

Status : Answered

Chosen Option : 4

Marks : 0

Q.2 Crops sown few days before harvesting of the standing crop are known as ____

Ans 1. Relay crops

2. Paira crops

3. Mixed crop

4. Inter crops

Question Type : MCQ

Question ID : 5716585571

Status : Answered

Chosen Option : 1

Marks : 0

Q.3 How many bivalent are formed during the first meiotic division if a cell has 10 pairs of homologous chromosomes?

Ans 1. 20

2. 10

3. 5

4. 40

Question Type : MCQ

Question ID : 5716585617

Status : Answered

Chosen Option : 3

Marks : 0

Q.4 If two lines of regression are $x+2y - 5 = 0$ and $2x + 3y - 8 = 0$, the means of x and y are:

- Ans
- 1. $\bar{x} = -3, \bar{y} = 4$
 - 2. $\bar{x} = 2, \bar{y} = 1$
 - 3. $\bar{x} = 2, \bar{y} = 4$
 - 4. $\bar{x} = 1, \bar{y} = 2$

Question Type : MCQ
Question ID : 5716585581
Status : Answered
Chosen Option : 4
Marks : 1

Q.5 The great Bengal famine was caused by

- Ans
- 1. *Bipolaris maydis*
 - 2. *Plasmopara viticola*
 - 3. *Drechslera oryzae*
 - 4. *Phytophthora infestans*

Question Type : MCQ
Question ID : 5716585649
Status : Answered
Chosen Option : 1
Marks : 0

Q.6 Stock equal to supply in case of

- Ans
- 1. Machinery
 - 2. Durable goods
 - 3. Implements
 - 4. Perishable goods

Question Type : MCQ
Question ID : 5716585528
Status : Answered
Chosen Option : 4
Marks : 1

Q.7 Popularly known as package programme.

- Ans
- 1. IADP
 - 2. IAAP
 - 3. HYVP
 - 4. IASP

Question Type : MCQ
Question ID : 5716585590
Status : Answered
Chosen Option : 1
Marks : 1

Q.8 Which country has maximum organic agricultural land in the world.

- Ans
- 1. Russia
 - 2. Argentina
 - 3. Ukraine
 - 4. Australia

Question Type : MCQ
Question ID : 5716585563
Status : Answered
Chosen Option : 1
Marks : 0

Q.9 Insect head is formed by the fusion of

- Ans
- 1. 6 segments
 - 2. 7 segments
 - 3. 4 segments
 - 4. 8 segments

Question Type : MCQ
Question ID : 5716585600
Status : Answered
Chosen Option : 1
Marks : 0

Q.10 Which of the following is the richest source of protein?

- Ans
- 1. Almond
 - 2. Fig
 - 3. Walnut
 - 4. Dates (Persian)

Question Type : MCQ
Question ID : 5716585631
Status : Answered
Chosen Option : 3
Marks : 0

Q.11 How much of the total water on Earth is fresh water?

- Ans
- 1. 0.0075
 - 2. 0.03
 - 3. 0.12
 - 4. 0.9

Question Type : MCQ
Question ID : 5716585689
Status : Answered
Chosen Option : 2
Marks : 0

Q.12 What is the color code for a moderate Air Quality Index?

- Ans
- 1. Yellow
 - 2. Green
 - 3. Orange
 - 4. Red

Question Type : MCQ
Question ID : 5716585688
Status : Answered
Chosen Option : 1
Marks : 1

Q.13 Maximum inbreeding depression upon selfing of a hybrid plant is expected in

- Ans
- 1. F3 generation
 - 2. F4 generation
 - 3. F5 generation
 - 4. F2 generation

Question Type : MCQ
Question ID : 5716585623
Status : Answered
Chosen Option : 3
Marks : 0

Q.14 Alkaline permanganate method is used for estimation of _____

- Ans
- 1. Ammoniacal nitrogen
 - 2. Available nitrogen
 - 3. Total nitrogen
 - 4. Nitrate nitrogen

Question Type : MCQ
Question ID : 5716585699
Status : Answered
Chosen Option : 3
Marks : 0

Q.15 Soil salinity is measured in terms of _____

- Ans
- 1. EC
 - 2. ESP
 - 3. SAR
 - 4. pH

Question Type : MCQ
Question ID : 5716585693
Status : Answered
Chosen Option : 3
Marks : 0

Q.16 Consider following statements about Genetically modified organisms (GMOs) in organic farming

- A. GMOs are not permitted in organic farming
- B. As the potential impact of GMOs to both the environment and health is not entirely understood, organic agriculture is taking the precautionary approach and choosing to encourage natural biodiversity.

- Ans
- 1. Both A and B are true but B is not correct reason of A
 - 2. A is true and B is false
 - 3. A is false and B is true
 - 4. Both A and B are true and B is the correct reason of A

Question Type : MCQ
Question ID : 5716585562
Status : Answered
Chosen Option : 4
Marks : 0

Q.17 Which one of the following is a neutral nitrogenous fertilizer

- Ans
- 1. Ammonium Nitrate
 - 2. Ammonium Sulphate
 - 3. CAN
 - 4. Urea

Question Type : MCQ
Question ID : 5716585578
Status : Answered
Chosen Option : 1
Marks : 0

Q.18 What is klenow fragment

- Ans
- 1. Short stretches of DNA formed during polymerization of the lagging strand
 - 2. A fragment of DNA polymerase I that lacks 5'→3' exonuclease activity
 - 3. A topoisomerase responsible for uncoiling DNA at the replication fork
 - 4. A portion of the replisome responsible for RNA primer synthesis

Question Type : MCQ
Question ID : 5716585525
Status : Answered
Chosen Option : 3
Marks : 0

Q.19 In 1923, first dryland research station was established at

- Ans
- 1. Jaisalmer
 - 2. Bellary
 - 3. Kota
 - 4. Pune

Question Type : MCQ
Question ID : 5716585560
Status : Answered
Chosen Option : 2
Marks : 0

Q.20 The process of sclerotization of the new cuticle and tanning is regulated by hormone

- Ans
- 1. Bursicon
 - 2. Ecdysone
 - 3. Prothoracicotrophic hormone
 - 4. Juvenile hormone

Question Type : MCQ
Question ID : 5716585601
Status : Answered
Chosen Option : 2
Marks : 0

Q.21 The size of a nano particle ranges from

- Ans
- 1. 1-10 nm
 - 2. >200nm
 - 3. 100-200nm
 - 4. 1-100 nm

Question Type : MCQ
Question ID : 5716585555
Status : Answered
Chosen Option : 4
Marks : 1

Q.22 Soil water potential at saturation of soil is _____

- Ans
- 1. -15 bar
 - 2. -1 bar
 - 3. -31 bar
 - 4. 0 bar

Question Type : MCQ
Question ID : 5716585680
Status : Answered
Chosen Option : 4
Marks : 1

Q.23 There are Krishi Vigyan Kendras (KVKs) in the country.

- Ans
- 1. 731
 - 2. 890
 - 3. 654
 - 4. 821

Question Type : MCQ
Question ID : 5716585589
Status : Answered
Chosen Option : 1
Marks : 1

Q.24 Lateral body wall of thoracic segment is called

- Ans
- 1. Sulcus
 - 2. Tergum
 - 3. Pleuron
 - 4. Sternum

Question Type : MCQ
Question ID : 5716585604
Status : Answered
Chosen Option : 4
Marks : 0

Q.25 Which flower is not common for veni preparation?

- Ans
- 1. Crossandra
 - 2. Barleria
 - 3. Canna
 - 4. Jasmine

Question Type : MCQ
Question ID : 5716585633
Status : Answered
Chosen Option : 3
Marks : 1

Q.26 Free goods have great

- Ans
- 1. Value in exchange
 - 2. Value in use
 - 3. Transferability
 - 4. Value

Question Type : MCQ
Question ID : 5716585527
Status : Answered
Chosen Option : 2
Marks : 1

Q.27 The endoparasitic fly infesting silkworm larvae is

- Ans
- 1. *Musca autumnalis*
 - 2. *Exorista sorbillans*
 - 3. *Cochliomyia hominivorax*
 - 4. *Glossina* spp.

Question Type : MCQ
Question ID : 5716585612
Status : Answered
Chosen Option : 3
Marks : 0

Q.28 How much moisture content (%) the Composting materials should maintain

- Ans
- 1. 20-45 %
 - 2. 10-35 %
 - 3. 60-85 %
 - 4. 40-65 %

Question Type : MCQ
Question ID : 5716585566
Status : Answered
Chosen Option : 1
Marks : 0

Q.29 Norin 10 is a

- Ans
- 1. Dwarf variety of wheat
 - 2. Mutant variety of pea
 - 3. Dwarfing gene of Wheat
 - 4. Dwarfing gene of rice

Question Type : MCQ
Question ID : 5716585628
Status : Answered
Chosen Option : 3
Marks : 0

Q.30 Which is most important potential area for rice- fish farming in India

- Ans
- 1. Irrigated areas
 - 2. Rainfed Upland
 - 3. Dry areas
 - 4. Waterlogged lowland

Question Type : MCQ
Question ID : 5716585549
Status : Answered
Chosen Option : 4
Marks : 1

Q.31 Plant variety protection and Farmers' Right Act came into being on

- Ans
- 1. September, 2001
 - 2. September, 2002
 - 3. June, 2001
 - 4. June, 2002

Question Type : MCQ
Question ID : 5716585658
Status : Answered
Chosen Option : 1
Marks : 1

Q.32 The optimum temperature for the attack of foot rot of papaya (*Pythium aphanidermatum*) is

- Ans
- 1. 28°C
 - 2. 36°C
 - 3. 32°C
 - 4. 22°C

Question Type : MCQ
Question ID : 5716585652
Status : Answered
Chosen Option : 3
Marks : 0

Q.33 Which method of pre-cooling is practiced in Brussels Sprout?

- Ans
- 1. Ice-cooled
 - 2. Hydro-cooled
 - 3. Room-cooling
 - 4. Forced air-cooled

Question Type : MCQ
Question ID : 5716585636
Status : Answered
Chosen Option : 1
Marks : 1

Q.34 A lead bank is a

- Ans
- 1. Commercial bank
 - 2. Insurance agency
 - 3. Cooperative bank
 - 4. Non credit society

Question Type : MCQ
Question ID : 5716585532
Status : Answered
Chosen Option : 1
Marks : 1

Q.35 Glandular scent scales present in male moths and butterflies to attract opposite sex

- Ans
- 1. Androconia
 - 2. Microtrichia
 - 3. Bristles
 - 4. Spur

Question Type : MCQ
Question ID : 5716585599
Status : Answered
Chosen Option : 2
Marks : 0

Q.36 Statement of situation, objective, problem and solution is.

- Ans
- 1. Learning
 - 2. Planning
 - 3. Extension Programme
 - 4. Education

Question Type : MCQ
 Question ID : 5716585592
 Status : Answered
 Chosen Option : 2
 Marks : 0

Q.37 The fertilizer which is completely imported in India is _____

- Ans
- 1. K fertilizers
 - 2. Rock Phosphate
 - 3. N fertilizers
 - 4. P fertilizers

Question Type : MCQ
 Question ID : 5716585698
 Status : Answered
 Chosen Option : 2
 Marks : 0

Q.38is not a chemical factor which affects the fungicide efficacy in the field

- Ans
- 1. Tenacity
 - 2. photolysis
 - 3. oxidation
 - 4. phytotoxicity

Question Type : MCQ
 Question ID : 5716585646
 Status : Answered
 Chosen Option : 4
 Marks : 0

Q.39 Which of the following is both glucogenic and ketogenic

- Ans
- 1. Lysine
 - 2. Histidine
 - 3. Leucine
 - 4. threonine

Question Type : MCQ
 Question ID : 5716585524
 Status : Answered
 Chosen Option : 4
 Marks : 1

Q.40 "Extension over cyber space".

- Ans
- 1. Private extension
 - 2. Public Extension
 - 3. e-Extension
 - 4. Cyber Extension

Question Type : MCQ
Question ID : 5716585591
Status : Answered
Chosen Option : 4
Marks : 1

Q.41 Fakot watershed is situated at

- Ans
- 1. Kanpur(UP)
 - 2. PUNCHKULA(Chandigarh)
 - 3. Tehri Garhwal(Uttarakhand)
 - 4. Jaisalmer(Rajasthan)

Question Type : MCQ
Question ID : 5716585557
Status : Answered
Chosen Option : 4
Marks : 0

Q.42 Which of the following is not a feed additive

- Ans
- 1. Mineral mixture
 - 2. Antibiotic
 - 3. Arsenicals
 - 4. Probiotic

Question Type : MCQ
Question ID : 5716585664
Status : Answered
Chosen Option : 4
Marks : 0

Q.43 Which is the first fertilizer produced in India?

- Ans
- 1. Single superphosphate
 - 2. Diammonium phosphate
 - 3. Urea
 - 4. Triple superphosphate

Question Type : MCQ
Question ID : 5716585696
Status : Answered
Chosen Option : 1
Marks : 1

Q.44 Which of the following falls under facilitative middlemen category in the regulated markets?

- Ans
- 1. Commission agent
 - 2. Broker
 - 3. Wholesaler
 - 4. Hamals

Question Type : MCQ
Question ID : 5716585533
Status : Answered
Chosen Option : 2
Marks : 0

Q.45 Example of parasitic weed is

- Ans
- 1. Parthenium
 - 2. Striga
 - 3. Brush weed
 - 4. Wild oat

Question Type : MCQ
Question ID : 5716585548
Status : Answered
Chosen Option : 2
Marks : 1

Q.46are known to see the virus particles for the first time with the help of electron microscope

- Ans
- 1. Knoll and Ruska
 - 2. Bawden and Pirie
 - 3. Kausche and Ruska
 - 4. Gierer and Schramm

Question Type : MCQ
Question ID : 5716585642
Status : Answered
Chosen Option : 1
Marks : 0

Q.47 The micro, small and medium enterprise development act was introduced in.....

- Ans
- 1. 2010
 - 2. 2009
 - 3. 2006
 - 4. 2008

Question Type : MCQ
Question ID : 5716585597
Status : Answered
Chosen Option : 4
Marks : 0

Q.48 Pertains to current events that have greater political, social and cultural importance.

- Ans
- 1. Hard and Soft news
 - 2. Soft News
 - 3. Journalism
 - 4. Hard News

Question Type : MCQ
Question ID : 5716585593
Status : Answered
Chosen Option : 4
Marks : 1

Q.49 For Binomial Distribution if Mean = 5, Variance = 4, then the probability of success will be:

- Ans
- 1. 1/5
 - 2. 1/4
 - 3. 3/4
 - 4. 4/5

Question Type : MCQ
Question ID : 5716585582
Status : Answered
Chosen Option : 4
Marks : 0

Q.50 Founder of Modern Plant Pathology

- Ans
- 1. E F Smith
 - 2. T J Burrill
 - 3. Anton de Bary
 - 4. E J Butler

Question Type : MCQ
Question ID : 5716585645
Status : Answered
Chosen Option : 3
Marks : 1

Q.51 Sum total of one's experience is.....

- Ans
- 1. Learning
 - 2. Leader
 - 3. Personality
 - 4. Emotion

Question Type : MCQ
Question ID : 5716585585
Status : Answered
Chosen Option : 1
Marks : 0

Q.52 The IMD is currently providing an exclusive mobile app for farmers called

- Ans
- 1. Forecast
 - 2. Krishivami
 - 3. Weather
 - 4. Meghdoot

Question Type : MCQ
Question ID : 5716585577
Status : Answered
Chosen Option : 4
Marks : 1

Q.53 Karan Fries is a crossbred cow developed by

- Ans
- 1. HF x Tharparkar
 - 2. HF x Sahiwal
 - 3. Jersey x Tharparkar
 - 4. Jersey x Sahiwal

Question Type : MCQ
Question ID : 5716585666
Status : Answered
Chosen Option : 1
Marks : 1

Q.54 Which one of the following cannot be considered a computer control device?

- Ans
- 1. Robot
 - 2. Ceptosense
 - 3. GPS
 - 4. ATM machine

Question Type : MCQ
Question ID : 5716585579
Status : Answered
Chosen Option : 2
Marks : 1

Q.55 Which one is not a host of lac insect

- Ans
- 1. Mangifera indica
 - 2. Schlerichera oleosa
 - 3. Zizyphus jujuba
 - 4. Butea monosperma

Question Type : MCQ
Question ID : 5716585610
Status : Answered
Chosen Option : 1
Marks : 1

Q.56 Of the following, which is calcium feldspar mineral?

- Ans
- 1. Microcline
 - 2. Albite
 - 3. Anorthite
 - 4. Orthoclase

Question Type : MCQ
Question ID : 5716585677
Status : Answered
Chosen Option : 2
Marks : 0

Q.57 Which one of the following varieties is developed using induced mutation?

- Ans
- 1. Jagannath
 - 2. UP262
 - 3. PBW343
 - 4. IR8

Question Type : MCQ
Question ID : 5716585624
Status : Answered
Chosen Option : 1
Marks : 1

Q.58 Social System norms greatly influence.....

- Ans
- 1. Culture
 - 2. Society
 - 3. Community
 - 4. Social Change

Question Type : MCQ
Question ID : 5716585584
Status : Answered
Chosen Option : 1
Marks : 0

Q.59 The weeks required for the foliar nematodes to complete their life cycle

- Ans
- 1. 1-2 weeks
 - 2. 2-3 weeks
 - 3. 3-4 weeks
 - 4. 4-5 weeks

Question Type : MCQ
Question ID : 5716585614
Status : Answered
Chosen Option : 3
Marks : 0

Q.60 The fertilizer which is not produced in India is

- Ans 1. Potassic
 2. Zinc
 3. Phosphatic
 4. Nitrogenous

Question Type : MCQ
Question ID : 5716585574
Status : Answered
Chosen Option : 3
Marks : 0

Q.61 The first weather satellite of the world launched in 1960 is

- Ans 1. TIROS-1
 2. SPOT-1
 3. Landsat-1
 4. MATSAT

Question Type : MCQ
Question ID : 5716585553
Status : Answered
Chosen Option : 3
Marks : 0

Q.62 ICPH-8 is a hybrid of which crop?

- Ans 1. Pigeon pea
 2. Groundnut
 3. Rice
 4. Maize

Question Type : MCQ
Question ID : 5716585672
Status : Answered
Chosen Option : 1
Marks : 1

Q.63 Packaging of 10 or 20 secondary packets into big wooden cases is example of

- Ans 1. Group packaging
 2. Transport packaging
 3. Sales packaging
 4. Primary packaging

Question Type : MCQ
Question ID : 5716585536
Status : Answered
Chosen Option : 2
Marks : 0

Q.64 Photosynthetic efficiency of crop plants can never be greater than this proportion of absorbed PAR

- Ans
- 1. 0.25
 - 2. 0.02
 - 3. 0.18
 - 4. 0.4

Question Type : MCQ
Question ID : 5716585639
Status : Answered
Chosen Option : 2
Marks : 0

Q.65 The systemic infection of Green ear disease of bajra is from

- Ans
- 1. Air borne inoculum
 - 2. Seed Borne inoculum
 - 3. Soil borne inoculum
 - 4. Soil or seed borne inoculum both

Question Type : MCQ
Question ID : 5716585653
Status : Answered
Chosen Option : 4
Marks : 1

Q.66 Which plant nutrient move from soil to the roots by root interception, mass flow and diffusion in equal proportion?

- Ans
- 1. Calcium
 - 2. Zinc
 - 3. Sulphur
 - 4. Boron

Question Type : MCQ
Question ID : 5716585695
Status : Answered
Chosen Option : 3
Marks : 0

Q.67 If length of growing period for a zone is 75-140 days, the zone has potentiality for

- Ans
- 1. Monocropping
 - 2. Multicropping
 - 3. Double cropping
 - 4. Intercropping

Question Type : MCQ
Question ID : 5716585546
Status : Answered
Chosen Option : 2
Marks : 0

Q.68 In this type of dryer, trays are arranged through which hot air is blown to dry food present in the trays.

- Ans
- 1. Cabinet dryer
 - 2. Roller dryer
 - 3. Fluidised bed dryer
 - 4. Spray dryer

Question Type : MCQ
Question ID : 5716585675
Status : Answered
Chosen Option : 1
Marks : 1

Q.69 Indian Institute of Farming System Research is situated at

- Ans
- 1. Modipyram, Meerut
 - 2. New Delhi
 - 3. Hyderabad
 - 4. Kolkata

Question Type : MCQ
Question ID : 5716585550
Status : Answered
Chosen Option : 1
Marks : 1

Q.70 Which of the following insect acts as vector for the citrus greening disease

- Ans
- 1. Pseudococcus spp.
 - 2. Phyllocnistis citrella
 - 3. Dialeurodes citri
 - 4. Diaphorina citri

Question Type : MCQ
Question ID : 5716585605
Status : Answered
Chosen Option : 3
Marks : 0

Q.71 The first stage of mineralization of nitrogen is

- Ans
- 1. Ammonification
 - 2. Nitrification
 - 3. Aminization
 - 4. Denitrification

Question Type : MCQ
Question ID : 5716585547
Status : Answered
Chosen Option : 3
Marks : 1

Q.72 Rice can be used as a biofuel crop due to presence of -----.

- Ans
- 1. fructose
 - 2. β -D-Glucose
 - 3. fatty acid
 - 4. α -D-Glucose

Question Type : MCQ
Question ID : 5716585671
Status : Answered
Chosen Option : 2
Marks : 1

Q.73 Phosphorus uptake in alkali soil is in the form of _____

- Ans
- 1. HPO_4^{2-}
 - 2. H_3PO_4
 - 3. PO_4^{3-}
 - 4. H_2PO_4^-

Question Type : MCQ
Question ID : 5716585691
Status : Answered
Chosen Option : 1
Marks : 0

Q.74 Which one is not a Intellectual property rights

- Ans
- 1. Trademarks
 - 2. Copy rights
 - 3. Patents
 - 4. Consumer rights

Question Type : MCQ
Question ID : 5716585626
Status : Answered
Chosen Option : 4
Marks : 1

Q.75 Repetitive cultivation of same crop in same field is known as

- Ans
- 1. Monoculture
 - 2. Alley Cropping
 - 3. Cropping System
 - 4. Multiple Cropping

Question Type : MCQ
Question ID : 5716585543
Status : Answered
Chosen Option : 1
Marks : 1

Q.76 At which rate (g/ha) Clodinofop is applied in wheat crop to kill Grassy weeds

- Ans
- 1. 150
 - 2. 120
 - 3. 60
 - 4. 90

Question Type : MCQ
Question ID : 5716585572
Status : Answered
Chosen Option : 1
Marks : 0

Q.77 Nematode induced complex disease

- Ans
- 1. Earcockle
 - 2. Tundu
 - 3. Mentek
 - 4. Ufra

Question Type : MCQ
Question ID : 5716585613
Status : Answered
Chosen Option : 2
Marks : 1

Q.78 "Foolish Seedling" disease of rice led to the discovery of

- Ans
- 1. Ethylene
 - 2. Auxins
 - 3. Cytokinins
 - 4. Gibberellins

Question Type : MCQ
Question ID : 5716585637
Status : Answered
Chosen Option : 4
Marks : 1

Q.79 In SRI , weeds are controlled by

- Ans
- 1. Higher seed rate
 - 2. Low row spacing
 - 3. Herbicides
 - 4. Conoweeder

Question Type : MCQ
Question ID : 571658568
Status : Answered
Chosen Option : 4
Marks : 1

Q.80 The term nano technology was first time used by

- Ans
- 1. Gerd binnig
 - 2. heinrich Rohrer
 - 3. Norio Taniguchi
 - 4. Godwin

Question Type : MCQ
Question ID : 5716585554
Status : Answered
Chosen Option : 3
Marks : 1

Q.81 Who coin the term heterosis?

- Ans
- 1. GH Shull (1914)
 - 2. GH Shull (1915)
 - 3. GK Shull 1914
 - 4. GK Shull (1915)

Question Type : MCQ
Question ID : 5716585621
Status : Answered
Chosen Option : 1
Marks : 1

Q.82 PCR reaction DOES NOT have:

- Ans
- 1. CTP
 - 2. GMP
 - 3. Enzyme
 - 4. ATP

Question Type : MCQ
Question ID : 5716585521
Status : Answered
Chosen Option : 1
Marks : 0

Q.83 Who developed canning process in food processing?

- Ans
- 1. Joseph Lister
 - 2. Hannah Glasse
 - 3. Louis Pasteur
 - 4. Nicolas Appert

Question Type : MCQ
Question ID : 5716585632
Status : Answered
Chosen Option : 4
Marks : 1

Q.84 Two regression lines become perpendicular for $r =$

- Ans
- 1. -1
 - 2. ± 1
 - 3. 0
 - 4. 1

Question Type : MCQ
Question ID : 5716585583
Status : Answered
Chosen Option : 2
Marks : 0

Q.85 Sustainable agriculture has which of the following goals

- Ans
- 1. Environmental health, economic profitability, and individual satisfaction
 - 2. Individual satisfaction, economic profitability, and social equity
 - 3. Environmental health, economic profitability, and social equity
 - 4. Environmental health, individual satisfaction, and social equity

Question Type : MCQ
Question ID : 5716585552
Status : Answered
Chosen Option : 3
Marks : 1

Q.86 What is the total amount of water (mm) needed for irrigated rice in Asia.

- Ans
- 1. 1300-1500
 - 2. 2500-2700
 - 3. 1700-1900
 - 4. 700-900

Question Type : MCQ
Question ID : 5716585545
Status : Answered
Chosen Option : 1
Marks : 1

Q.87 The artificial comb for beekeeping was first introduced by

- Ans
- 1. Father Newton
 - 2. Thompson
 - 3. Karl von frisch
 - 4. Langstroth

Question Type : MCQ
Question ID : 5716585611
Status : Answered
Chosen Option : 4
Marks : 1

Q.88 The most critical stage of water need in rice is

- Ans
- 1. 12-15 days before and after heading
 - 2. None of these
 - 3. 12-15 days after heading
 - 4. 12-15 days before heading

Question Type : MCQ
Question ID : 5716585567
Status : Answered
Chosen Option : 3
Marks : 1

Q.89 Egg laying site of ber fruit fly is

- Ans
- 1. Pericarp
 - 2. Leaves
 - 3. Stem
 - 4. Pulp

Question Type : MCQ
Question ID : 5716585608
Status : Answered
Chosen Option : 4
Marks : 0

Q.90 In honey bees pollen basket or corbicula is present in

- Ans
- 1. Hind basitarsus
 - 2. Foreleg
 - 3. Hindtibia
 - 4. Strigillis

Question Type : MCQ
Question ID : 5716585602
Status : Answered
Chosen Option : 3
Marks : 0

Q.91 The figure that represents the irregular spheroidal shape of the earth is called

- Ans
- 1. Geoid
 - 2. Geocode
 - 3. Geodesy
 - 4. Georeferencing

Question Type : MCQ
Question ID : 5716585556
Status : Answered
Chosen Option : 1
Marks : 1

Q.92 To produce one molecule of oxygen in thylakoids during light reactions, it requires how many photons?,

- Ans
- 1. 2
 - 2. 10
 - 3. 4
 - 4. 16

Question Type : MCQ
Question ID : 5716585638
Status : Answered
Chosen Option : 2
Marks : 1

Q.93 Temperature required to be maintained by liquid nitrogen for germplasm conservation is ---

- Ans
- 1. -96 °C
 - 2. -50 °C
 - 3. -296 °C
 - 4. -196 °C

Question Type : MCQ
Question ID : 5716585673
Status : Answered
Chosen Option : 4
Marks : 0

Q.94 Seeds are soaked in which solution for detection of loose smut in wheat by embryo count method .

- Ans
- 1. 5% solution of NaOH
 - 2. 1% solution of KNO₃
 - 3. 1% solution of H₂SO₄
 - 4. 1% solution of GA₃

Question Type : MCQ
Question ID : 5716585662
Status : Answered
Chosen Option : 1
Marks : 1

Q.95 Leghaemoglobin creates_____

- Ans
- 1. Aerobic condition for optimum activity of nitrogenase
 - 2. Anaerobic condition for optimum activity of nitrogenase
 - 3. Required oxygen concentration for optimum activity of nitrogenase
 - 4. Suitable environment for nodule formation

Question Type : MCQ
Question ID : 5716585684
Status : Answered
Chosen Option : 3
Marks : 0

Q.96 Alleles of a gene segregate and assort independently of the alleles of other gene is known as

- Ans
- 1. Law of unit character
 - 2. Law of dominance
 - 3. Law of segregation
 - 4. Law of independent assortment

Question Type : MCQ
Question ID : 5716585618
Status : Answered
Chosen Option : 3
Marks : 0

Q.97 A mixture of snow and rain is called

- Ans
- 1. Sleet
 - 2. Hail
 - 3. dew
 - 4. Mist

Question Type : MCQ
Question ID : 5716585559
Status : Answered
Chosen Option : 2
Marks : 0

Q.98 Which of the following is a secondary stored grain pest

- Ans
- 1. *Callosobruchus chinensis*
 - 2. *Sitophilus oryzae*
 - 3. *Tribolium castaneum*
 - 4. *Trogoderma granarium*

Question Type : MCQ
Question ID : 5716585606
Status : Answered
Chosen Option : 1
Marks : 0

Q.99 Model is relevant for Mass Media.

- Ans
- 1. Schramm
 - 2. Roger
 - 3. Aristotle
 - 4. Berlo

Question Type : MCQ
Question ID : 5716585594
Status : Answered
Chosen Option : 2
Marks : 0

Q.100 The training system followed in peach is

- Ans
- 1. Tatura trellis system
 - 2. Central Leader system
 - 3. Open centre system
 - 4. Bower system

Question Type : MCQ
Question ID : 5716585634
Status : Answered
Chosen Option : 2
Marks : 0

Q.101 It is an apex body established by Ministry of Industry, Government of India.

- Ans
- 1. IDEMI
 - 2. CITD
 - 3. NIESBUD
 - 4. CIHT

Question Type : MCQ
Question ID : 5716585596
Status : Answered
Chosen Option : 3
Marks : 1

Q.102 A plant with somatic chromosomes number of $2n + 1 + 1$ is called

- Ans
- 1. Double monosomic
 - 2. Double disomic
 - 3. Double trisomic
 - 4. Tetrasomic

Question Type : MCQ
Question ID : 5716585619
Status : Answered
Chosen Option : 4
Marks : 0

Q.103 The group of chemicals which induce host defense system

- Ans
- 1. Antipathic agents
 - 2. Protectants
 - 3. Eradicants
 - 4. Antipenetrants

Question Type : MCQ
Question ID : 5716585648
Status : Answered
Chosen Option : 2
Marks : 0

Q.104 Term loans/investment loans constitute-----loans

- Ans
- 1. ST loans
 - 2. ST and LT
 - 3. MT and LT
 - 4. ST and MT

Question Type : MCQ
Question ID : 5716585530
Status : Answered
Chosen Option : 4
Marks : 0

Q.105 These entrepreneurs are very much sceptical in their approach.

- Ans
- 1. Drone entrepreneur
 - 2. Active Partner
 - 3. Fabian entrepreneur
 - 4. Imitative entrepreneur

Question Type : MCQ
Question ID : 5716585598
Status : Answered
Chosen Option : 3
Marks : 1

Q.106 WTO was established in which year and its head quarter is located at

- Ans
- 1. 1985, at Germany
 - 2. 1995, at Germany
 - 3. 1985 at Switzerland
 - 4. 1995 ,at Switzerland

Question Type : MCQ
Question ID : 5716585660
Status : Answered
Chosen Option : 4
Marks : 1

Q.107 The phenomenon of mutation where adenine (A) base is mutated to thymine (T) base is called

- Ans
- 1. Transversion
 - 2. False mutation
 - 3. Frame-shift mutation
 - 4. Transition

Question Type : MCQ
Question ID : 5716585620
Status : Answered
Chosen Option : 3
Marks : 0

Q.108 The osmotic potential of soil water is affected by

- Ans
- 1. Barometric pressure
 - 2. Clay content
 - 3. Soil temperature
 - 4. Salt content

Question Type : MCQ
Question ID : 5716585678
Status : Answered
Chosen Option : 4
Marks : 1

Q.109 Is the projected image of a positive print of a sound film taken by movie camera.

- Ans
- 1. Audio
 - 2. Video
 - 3. Projected Aid
 - 4. Motion Picture

Question Type : MCQ
Question ID : 5716585595
Status : Answered
Chosen Option : 3
Marks : 0

Q.110 A variety consisted of mixture of isogenic lines (each resistant to different races of a pathogen) is known as

- Ans
- 1. Synthetic variety
 - 2. Multiline variety
 - 3. Hybrid Variety
 - 4. Composite variety

Question Type : MCQ
Question ID : 5716585622
Status : Answered
Chosen Option : 2
Marks : 1

Q.111 Encarsia perniciosi is the parasitoid of

- Ans
- 1. Tent caterpillar
 - 2. Apple wooly aphid
 - 3. Apple leaf roller
 - 4. San Jose scale

Question Type : MCQ
Question ID : 5716585607
Status : Answered
Chosen Option : 4
Marks : 1

Q.112 A nutrient cation that plays a prominent role in maintaining cell turgor is

- Ans
- 1. Chlorine
 - 2. Magnesium
 - 3. Calcium
 - 4. Potassium

Question Type : MCQ
Question ID : 5716585640
Status : Answered
Chosen Option : 4
Marks : 1

Q.113 Cold storage of potato tubers helps in suppressing the population of

- Ans
- 1. Potato tuber moth
 - 2. Hadda beetle
 - 3. Potato aphid
 - 4. Jassids

Question Type : MCQ
Question ID : 5716585609
Status : Answered
Chosen Option : 3
Marks : 0

Q.114 The region of nematode where the phamids are located

- Ans
- 1. Neck
 - 2. Head
 - 3. Middle
 - 4. Tail

Question Type : MCQ
Question ID : 5716585615
Status : Answered
Chosen Option : 2
Marks : 0

Q.115 Which of the following is the best dairy type Indian cattle breed

- Ans
- 1. Rathi
 - 2. Gir
 - 3. Red Sindhi
 - 4. Sahiwal

Question Type : MCQ
Question ID : 5716585665
Status : Answered
Chosen Option : 4
Marks : 1

Q.116 The ability to combine name and addresses with a standard document is called

- Ans
- 1. Database management
 - 2. Mail merge
 - 3. Document formatting
 - 4. Form letters

Question Type : MCQ
Question ID : 5716585580
Status : Answered
Chosen Option : 4
Marks : 0

Q.117 At pH 5.0 and above, the main source (s) of hydrogen ions in soil is/are _____

- Ans
- 1. Exchangeable both a and b
 - 2. c-Exchangeable Al^{3+} , Fe^{2+} and Mn^{2+}
 - 3. b-Exchangeable H^+
 - 4. a-Exchangeable Al^{3+}

Question Type : MCQ
Question ID : 5716585692
Status : Answered
Chosen Option : 3
Marks : 1

Q.118 PBW343 is a variety of

- Ans
- 1. Wheat
 - 2. Barley
 - 3. Chickpea
 - 4. Mustard

Question Type : MCQ
Question ID : 5716585629
Status : Answered
Chosen Option : 2
Marks : 0

Q.119 Water droplets can be seen along the margins of leaves in some plants which is known as Guttation. It indicates the presence of

- Ans
- 1. Osmotic pressure
 - 2. Transpiration
 - 3. Root Pressure
 - 4. Tension in xylem

Question Type : MCQ
Question ID : 5716585641
Status : Answered
Chosen Option : 3
Marks : 1

Q.120 In North-India, a free standing green house should be oriented

- Ans
- 1. North-South direction
 - 2. North-East direction
 - 3. East-West direction
 - 4. South-West direction

Question Type : MCQ
 Question ID : 5716585676
 Status : Answered
 Chosen Option : 2
 Marks : 0

Q.121 In very short period market, -----plays the major role in the determination of price of the commodity

- Ans
- 1. Normal price
 - 2. Supply
 - 3. Floor price
 - 4. Demand

Question Type : MCQ
 Question ID : 5716585526
 Status : Answered
 Chosen Option : 4
 Marks : 1

Q.122 Under WTO in agriculture, all measures that directly support prices or subsidies related to production quantities are included in the

- Ans
- 1. Red box
 - 2. Blue
 - 3. Green box
 - 4. Amber box

Question Type : MCQ
 Question ID : 5716585534
 Status : Answered
 Chosen Option : 3
 Marks : 0

Q.123 Per quintal calculated cost is known as

- Ans
- 1. Cost of Technology
 - 2. Cost of cultivation
 - 3. Cost of farming
 - 4. Cost of production

Question Type : MCQ
 Question ID : 5716585541
 Status : Answered
 Chosen Option : 4
 Marks : 1

Q.124 Chemical formula of rock phosphate is _____

- Ans
- 1. $\text{Ca}_3(\text{PO}_4)_2$
 - 2. $\text{Ca}(\text{PO}_4)_2$
 - 3. $\text{Ca}(\text{H}_2\text{PO}_4)_2$
 - 4. $\text{Ca}(\text{HPO}_4)_2$

Question Type : MCQ
Question ID : 5716585697
Status : Answered
Chosen Option : 1
Marks : 1

Q.125 The ratio of ET crop to ETo is called _____

- Ans
- 1. PET
 - 2. Yield coefficient
 - 3. Crop coefficient
 - 4. Pan coefficient

Question Type : MCQ
Question ID : 5716585544
Status : Answered
Chosen Option : 1
Marks : 0

Q.126 The markets on the basis of nature of transactions are...

- Ans
- 1. Secular market
 - 2. Specialized market
 - 3. Cash market
 - 4. General market

Question Type : MCQ
Question ID : 5716585535
Status : Answered
Chosen Option : 3
Marks : 1

Q.127 In Gram staining iodine is used as a _____

- Ans
- 1. Stain
 - 2. Fixative
 - 3. Solubilizer
 - 4. Mordant

Question Type : MCQ
Question ID : 5716585685
Status : Answered
Chosen Option : 3
Marks : 0

Q.128 The country which tops in global milk production

- Ans
- 1. USA
 - 2. India
 - 3. Brazil
 - 4. China

Question Type : MCQ
Question ID : 5716585663
Status : Answered
Chosen Option : 2
Marks : 1

Q.129 According to ICMR, per capita per day requirement of vegetables in human diet is

- Ans
- 1. 500g
 - 2. 300g
 - 3. 230g
 - 4. 115g

Question Type : MCQ
Question ID : 5716585635
Status : Answered
Chosen Option : 2
Marks : 1

Q.130 Bunchy top of banana disease is transmitted by

- Ans
- 1. Myzus persicae
 - 2. Bemisia tabaci
 - 3. Aphis gossypii
 - 4. Pentalomia nigranervosa

Question Type : MCQ
Question ID : 5716585651
Status : Answered
Chosen Option : 4
Marks : 1

Q.131 Blister blight of tea is caused by

- Ans
- 1. pythium sp
 - 2. Exobasidium vexans
 - 3. Cephaleurus mycooides
 - 4. Rhizoctonia solani

Question Type : MCQ
Question ID : 5716585700
Status : Answered
Chosen Option : 2
Marks : 1

Q.132 Which clay mineral develops negative charge due to isomorphous substitution mostly in the octahedral sheet?

- Ans
- 1. Illite
 - 2. Vermiculite
 - 3. Montmorillonite
 - 4. Kaolinite

Question Type : MCQ
Question ID : 5716585679
Status : Answered
Chosen Option : 4
Marks : 0

Q.133 Which of the following is capable of oxidizing sulfur to sulfates?

- Ans
- 1. Rhodospirillum
 - 2. Rhodocrobium
 - 3. Desulfotomaculum
 - 4. Thiobacillusthiooxidans

Question Type : MCQ
Question ID : 5716585682
Status : Answered
Chosen Option : 4
Marks : 1

Q.134 Kodiak is a commercial bioagent produced from

- Ans
- 1. Trichoderma virens
 - 2. Bacillus subtilus
 - 3. Pseudomonas flurescens
 - 4. Trichoderma harzianum

Question Type : MCQ
Question ID : 5716585650
Status : Answered
Chosen Option : 3
Marks : 0

Q.135 The structure responsible for motility of bacteria is _____

- Ans
- 1. flagella
 - 2. capsules
 - 3. pilli
 - 4. sheath

Question Type : MCQ
Question ID : 5716585683
Status : Answered
Chosen Option : 1
Marks : 1

Q.136 Size of insert in plasmid cloning vector is:

- Ans
- 1. 1000kb
 - 2. 50kb
 - 3. 100 kb
 - 4. 10 kb

Question Type : MCQ
Question ID : 5716585522
Status : Answered
Chosen Option : 4
Marks : 1

Q.137 Area (mha) under rice-wheat cropping system in India is

- Ans
- 1. 4
 - 2. 8
 - 3. 16
 - 4. 12

Question Type : MCQ
Question ID : 5716585542
Status : Answered
Chosen Option : 3
Marks : 0

Q.138 The angle which attaches wing to the thorax is called as

- Ans
- 1. Apical angle
 - 2. Humeral angle
 - 3. Coastal angle
 - 4. Anal angle

Question Type : MCQ
Question ID : 5716585603
Status : Answered
Chosen Option : 1
Marks : 0

Q.139 The weather system with low pressure at the centre is called

- Ans
- 1. Ridge
 - 2. Cyclone
 - 3. Front
 - 4. Anticyclone

Question Type : MCQ
Question ID : 5716585573
Status : Answered
Chosen Option : 2
Marks : 1

Q.140 Thorndike proposed law ofas principle of learning.

- Ans
- 1. Effect
 - 2. Change
 - 3. Coordination
 - 4. Dissociation

Question Type : MCQ
Question ID : 5716585587
Status : Answered
Chosen Option : 3
Marks : 0

Q.141 Central AGMARK laboratory is located at

- Ans
- 1. Andhra Pradesh
 - 2. Haryana
 - 3. New Delhi
 - 4. Nagpur

Question Type : MCQ
Question ID : 5716585537
Status : Answered
Chosen Option : 4
Marks : 1

Q.142 Who is regarded as the father of microbiology?

- Ans
- 1. Robert Koch
 - 2. Louis Pastor
 - 3. Leeuwenhoek
 - 4. Robert Hook

Question Type : MCQ
Question ID : 5716585681
Status : Answered
Chosen Option : 2
Marks : 0

Q.143 Blue baby syndrome is due to high concentration of _____ in drinking water.

- Ans
- 1. Fe
 - 2. NO₃⁻
 - 3. As
 - 4. Cd

Question Type : MCQ
Question ID : 5716585690
Status : Answered
Chosen Option : 2
Marks : 1

Q.144 Which one is not a basic requirements for protection of a variety under Plant Breeders' rights

- Ans
- 1. Stability
 - 2. Uniformity
 - 3. Distinctiveness
 - 4. Boldness

Question Type : MCQ
Question ID : 5716585627
Status : Answered
Chosen Option : 4
Marks : 1

Q.145 Seed varieties are notified under which saction of Seed Act 1966

- Ans
- 1. Section 7
 - 2. Section 5
 - 3. Section 11
 - 4. Section 2

Question Type : MCQ
Question ID : 5716585659
Status : Answered
Chosen Option : 3
Marks : 0

Q.146 Growing two or more crops simultaneously where one or more crops are planted in rows is known as

- Ans
- 1. Relaycropping
 - 2. Row intercropping
 - 3. Strip intercropping
 - 4. Sequential Cropping

Question Type : MCQ
Question ID : 5716585551
Status : Answered
Chosen Option : 1
Marks : 0

Q.147 Which of the following is not a component of farm business?

- Ans
- 1. Capital
 - 2. Land
 - 3. Management
 - 4. Environment

Question Type : MCQ
Question ID : 5716585540
Status : Answered
Chosen Option : 4
Marks : 1

Q.148 A breeding scheme in Lentil where segregating generations after hybridization is bulked till F5/F6 and thereafter single plant selections is made is known as

- Ans
- 1. Peidgree method
 - 2. SSD
 - 3. Bulk method
 - 4. Recurrent selection

Question Type : MCQ
 Question ID : 5716585630
 Status : Answered
 Chosen Option : 2
 Marks : 0

Q.149 Which Weed:Insect bioagent is not correctly matched

- Ans
- 1. Parthenism hysterophorus:Zygrogramma bicolorata
 - 2. Lantana camara: Crocidosema lantana, Teleonnemia scrupulosa
 - 3. Ludwigia parviflora:Haltica cynea (Steel blue beetle)
 - 4. Echinochloa:Bactra verutana

Question Type : MCQ
 Question ID : 5716585565
 Status : Answered
 Chosen Option : 3
 Marks : 0

Q.150 For measuring moisture content of wheat , seeds are kept at what temperature for the duration of

- Ans
- 1. 130 °C for 2 hrs
 - 2. 103 °C for 17 hrs
 - 3. 130 °C for 4 hrs
 - 4. 103 °C for 1 hour

Question Type : MCQ
 Question ID : 5716585661
 Status : Answered
 Chosen Option : 3
 Marks : 0

Q.151 The stratification of the atmosphere is done on the basis of vertical profile of

- Ans
- 1. Vapour Pressure
 - 2. Temperature
 - 3. Relative Humidity
 - 4. Pressure

Question Type : MCQ
 Question ID : 5716585575
 Status : Answered
 Chosen Option : 2
 Marks : 1

Q.152 The percentage of carbon dioxide in the atmosphere is

- Ans 1. 0.00035
 2. 0.00003
 3. 0.0025
 4. 0.0002

Question Type : MCQ
Question ID : 5716585674
Status : Answered
Chosen Option : 3
Marks : 0

Q.153 These are fixed images formed in one's mind.

- Ans 1. Prejudice
 2. Wishes
 3. Stereotype
 4. Attitude

Question Type : MCQ
Question ID : 5716585586
Status : Answered
Chosen Option : 1
Marks : 0

Q.154 Soil detachment by rain drop is independent of

- Ans 1. Soil depth
 2. Land slope
 3. Soil texture
 4. Soil colour

Question Type : MCQ
Question ID : 5716585669
Status : Answered
Chosen Option : 4
Marks : 1

Q.155 Which compartment in polygastric animals is known as fermentation vat

- Ans 1. Abomasum
 2. Rumen
 3. Omasum
 4. Reticulum

Question Type : MCQ
Question ID : 5716585667
Status : Answered
Chosen Option : 1
Marks : 0

Q.156 10th edition of the dictionary of fungi was published in the year

- Ans
- 1. 2013
 - 2. 2008
 - 3. 2000
 - 4. 2003

Question Type : MCQ
Question ID : 5716585644
Status : Answered
Chosen Option : 1
Marks : 0

Q.157 Physiological specialization in stem rust of wheat is shown by

- Ans
- 1. Nelson
 - 2. Stakman
 - 3. Eriksson
 - 4. Orton

Question Type : MCQ
Question ID : 5716585656
Status : Answered
Chosen Option : 2
Marks : 0

Q.158 Khadin water harvesting system is adopted in

- Ans
- 1. Western Rajasthan
 - 2. Uttarakhand
 - 3. Uttar Pradesh
 - 4. Himanchal Pradesh

Question Type : MCQ
Question ID : 5716585558
Status : Answered
Chosen Option : 1
Marks : 1

Q.159 The DIR scheme started on the recommendation of RBI committee under the chairmanship of ...

- Ans
- 1. Dr. C.E. Kamath
 - 2. Dr. B.K. Hazare
 - 3. Sri F.K.F Nariman
 - 4. Dr. Gadgil

Question Type : MCQ
Question ID : 5716585531
Status : Answered
Chosen Option : 2
Marks : 1

Q.160 Nutritionally, fungi may be the best characterised as

- Ans 1. Absorptive heterotrophs
 2. Chemosynthetic heterotrophs
 3. Ingestive heterotrophs
 4. Photosynthetic autotrophs

Question Type : MCQ
Question ID : 5716585657
Status : Answered
Chosen Option : 2
Marks : 0

Q.161 How many gametes are possible in F1 heterozygote for two genes (AaBb) if all the two genes segregate and assort independently

- Ans 1. 16
 2. 8
 3. 4
 4. 32

Question Type : MCQ
Question ID : 5716585616
Status : Answered
Chosen Option : 1
Marks : 0

Q.162 Which of the following is included in Personal income

- Ans 1. Transfer Payments
 2. Undistributed corporate profit
 3. Transfer Taxex
 4. Profit taxes

Question Type : MCQ
Question ID : 5716585529
Status : Answered
Chosen Option : 1
Marks : 1

Q.163 Sugar cane originated in

- Ans 1. India
 2. South Africa
 3. Cuba
 4. New Guinea

Question Type : MCQ
Question ID : 5716585570
Status : Answered
Chosen Option : 1
Marks : 0

Q.164 Sexual fruiting body formed in *Uncinula necator*

- Ans
- 1. Perithecium
 - 2. Cleistothecium
 - 3. Acervulus
 - 4. Apothecium

Question Type : MCQ
Question ID : 5716585655
Status : Answered
Chosen Option : 2
Marks : 1

Q.165 At pH below 5.0, the main source (s) of hydrogen ions in soil is/are _____

- Ans
- 1. a-Exchangeable Al^{3+}
 - 2. c-Exchangeable Al^{3+} and Fe^{2+}
 - 3. Exchangeable both a and b
 - 4. b-Exchangeable H^+

Question Type : MCQ
Question ID : 5716585694
Status : Answered
Chosen Option : 4
Marks : 0

Q.166 The cost of one thing in terms of the alternative given up is called

- Ans
- 1. Real cost
 - 2. Opportunity cost
 - 3. Physical cost
 - 4. Production Cost

Question Type : MCQ
Question ID : 5716585538
Status : Answered
Chosen Option : 2
Marks : 1

Q.167 Ineffective rainfall is the amount of rainfall in excess of

- Ans
- 1. HC
 - 2. FC
 - 3. PWP
 - 4. MWHC

Question Type : MCQ
Question ID : 5716585569
Status : Answered
Chosen Option : 2
Marks : 1

Q.168 Which one of the following is an example of mid -seasons corrections?

- Ans
- 1. Re -sowing
 - 2. Gap filling
 - 3. Thinning
 - 4. Transplanting

Question Type : MCQ
Question ID : 5716585561
Status : Answered
Chosen Option : 2
Marks : 0

Q.169 Strip cropping is adopted to control soil erosion when the land slope is

- Ans
- 1. 5 to 10 %
 - 2. Less than 2 %
 - 3. More than 15 %
 - 4. 10 to 15 %

Question Type : MCQ
Question ID : 5716585670
Status : Answered
Chosen Option : 4
Marks : 0

Q.170 White rust of crucifers is caused by

- Ans
- 1. *Albugo candida*
 - 2. *Puccinia graminis*
 - 3. *Uromyces ciceris*
 - 4. *Hemelia vastatrix*

Question Type : MCQ
Question ID : 5716585654
Status : Answered
Chosen Option : 1
Marks : 1

Q.171 Which one of the following does not promote out crossing

- Ans
- 1. Cleistogamy
 - 2. Self incompatibility
 - 3. Male sterility
 - 4. Monoecism

Question Type : MCQ
Question ID : 5716585625
Status : Answered
Chosen Option : 1
Marks : 1

Q.172 Water requirements of crop can be calculated using following equation

- Ans
- 1. $ET_c = ET_o / K_c$
 - 2. $ET_o = ET_c / K_c$
 - 3. $ET_o = ET_c \times K_c$
 - 4. $ET_c = ET_o \times K_c$

Question Type : MCQ
Question ID : 5716585576
Status : Answered
Chosen Option : 3
Marks : 0

Q.173 Gully is called as medium gully when the gully depth is between

- Ans
- 1. 1 to 5 m
 - 2. 1 to 2 m
 - 3. 5 to 10 m
 - 4. 10 to 15 m

Question Type : MCQ
Question ID : 5716585668
Status : Answered
Chosen Option : 3
Marks : 0

Q.174 Parasitism of pathogenic fungi by other fungi is termed as

- Ans
- 1. Mycoparasitism
 - 2. Mesoparasitism
 - 3. Epiparasitism
 - 4. Hyperparasitism

Question Type : MCQ
Question ID : 5716585647
Status : Answered
Chosen Option : 3
Marks : 0

Q.175 Which of the following is a type of farming?

- Ans
- 1. Collective farming
 - 2. Cooperative farming
 - 3. Peasant farming
 - 4. Ranching

Question Type : MCQ
Question ID : 5716585539
Status : Answered
Chosen Option : 4
Marks : 1

Q.176 Which principle of organic farming insists on use of animals with the conditions and opportunities of life that accord with their physiology, natural behavior and well-being.

- Ans
- 1. Principle of Fairness
 - 2. Principle of Care
 - 3. Principle of Ecology
 - 4. Principle of Health

Question Type : MCQ
 Question ID : 5716585564
 Status : Answered
 Chosen Option : 2
 Marks : 0

Q.177 Increase in concentration of a pollutant along a food chain is known as _____

- Ans
- 1. Bioaccumulation
 - 2. Biomethylation
 - 3. Eutrophication
 - 4. Biomagnification

Question Type : MCQ
 Question ID : 5716585687
 Status : Answered
 Chosen Option : 3
 Marks : 0

Q.178 Process of developing active and sustainable communities based on social justice and mutual respect.

- Ans
- 1. NATP
 - 2. Community Development
 - 3. LLB
 - 4. DWARCA

Question Type : MCQ
 Question ID : 5716585588
 Status : Answered
 Chosen Option : 2
 Marks : 1

Q.179 Chipco movement was for conservation of _____

- Ans
- 1. Water
 - 2. Forest
 - 3. Environment
 - 4. Soil

Question Type : MCQ
 Question ID : 5716585686
 Status : Answered
 Chosen Option : 2
 Marks : 1

Q.180 Which of the following amino acid contains Sulphur

- Ans
- 1. Lysine
 - 2. Methionine
 - 3. Valine
 - 4. Histidine

Question Type : MCQ
 Question ID : 5716585523
 Status : Answered
 Chosen Option : 2
 Marks : 1

Section : Section B

Q.181 The most sensitive phase of cereals for water stress is

- Ans
- 1. Tillering
 - 2. Germination
 - 3. Flowering
 - 4. Panicle initiation

Question Type : MCQ
 Question ID : 5716585715
 Status : Answered
 Chosen Option : 3
 Marks : 0

Q.182 The scientific name of mango mealy bug is

- Ans
- 1. Bactrocera dorsalis
 - 2. Drosicha stebbingi
 - 3. Amritodus atkinsoni
 - 4. Apsylla cistellata

Question Type : MCQ
 Question ID : 5716585738
 Status : Answered
 Chosen Option : 2
 Marks : 1

Q.183 The 75% beauty of a garden depends on a properly maintained:

- Ans
- 1. Lawn
 - 2. Hedges
 - 3. Paths and drives
 - 4. Idols

Question Type : MCQ
 Question ID : 5716585728
 Status : Answered
 Chosen Option : 1
 Marks : 1

Q.184 Which of the following annual is most suitable for dry flower purpose?

- Ans
- 1. Alkanet
 - 2. African Daisy
 - 3. Stalice
 - 4. Mexican Sunflower

Question Type : MCQ
 Question ID : 5716585730
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.185 Short duration variety of pigeon pea is

- Ans
- 1. Prabhat
 - 2. Bahar
 - 3. Laxmi
 - 4. Basant

Question Type : MCQ
 Question ID : 5716585706
 Status : Answered
 Chosen Option : 1
 Marks : 1

Q.186 Recommended dose of gypsum (kg/ha) to meet S demand of groundnut crop is

- Ans
- 1. 250
 - 2. 150
 - 3. 100
 - 4. 200

Question Type : MCQ
 Question ID : 5716585719
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.187 Which chemicals used for increasing germination percentage in large cardemom?

- Ans
- 1. Nitric acid 25% and GA3 10%
 - 2. Nitric acid 75% and GA3 40%
 - 3. Nitric acid 45% and GA3 20%
 - 4. Nitric acid 65% and GA3 30%

Question Type : MCQ
 Question ID : 5716585721
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.188 Composite variety of maize is

- Ans
- 1. Ranjit
 - 2. Vikram
 - 3. Sangam
 - 4. Ganga 7

Question Type : MCQ
Question ID : 5716585707
Status : Answered
Chosen Option : 4
Marks : 0

Q.189 Mash - 48 variety belongs to

- Ans
- 1. Urd bean
 - 2. Mungbean
 - 3. Groundnut
 - 4. Rice

Question Type : MCQ
Question ID : 5716585705
Status : Answered
Chosen Option : 3
Marks : 0

Q.190 Cono weeders are run at ____ days interval in SRI rice

- Ans
- 1. 10
 - 2. 5
 - 3. 20
 - 4. 15

Question Type : MCQ
Question ID : 5716585714
Status : Not Answered
Chosen Option : --
Marks : 0

Q.191 100 g of edible portion of carrot contains:

- Ans
- 1. 6150 I.U. Vitamine A
 - 2. 3150 I.U. Vitamine A
 - 3. 9150 I.U. Vitamine A
 - 4. 12150 I.U. Vitamine A

Question Type : MCQ
Question ID : 5716585722
Status : Not Answered
Chosen Option : --
Marks : 0

Q.192 Which of the following annual is most suitable for rainy season?

- Ans
- 1. Pansy
 - 2. Straw flower
 - 3. Balsam
 - 4. Swan river daisy

Question Type : MCQ
Question ID : 5716585731
Status : Not Answered
Chosen Option : --
Marks : 0

Q.193 ICAR- Directorate of Medicinal and Aromatic Plants Research is Situated in

- Ans
- 1. Himachal Pradesh
 - 2. Gujarat
 - 3. Uttarakhand
 - 4. Uttar Pradesh

Question Type : MCQ
Question ID : 5716585727
Status : Not Answered
Chosen Option : --
Marks : 0

Q.194 Dapog method is used for

- Ans
- 1. Nursery
 - 2. Biological control
 - 3. Harvesting
 - 4. Irrigation

Question Type : MCQ
Question ID : 5716585702
Status : Answered
Chosen Option : 1
Marks : 1

Q.195 Which of the following cucurbits is used in making preserves?

- Ans
- 1. Ridge Gourd
 - 2. Bitter Gourd
 - 3. Ash Gourd
 - 4. Sponge Gourd

Question Type : MCQ
Question ID : 5716585725
Status : Answered
Chosen Option : 3
Marks : 1

Q.196 The nursery area (m²/ha) for SRI rice is

- Ans
- 1. 200
 - 2. 50
 - 3. 75
 - 4. 100

Question Type : MCQ
 Question ID : 5716585718
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.197 Sunflower oil is rich in

- Ans
- 1. Phospho lipids
 - 2. Sulfo lipids
 - 3. PUFA
 - 4. Saturated fatty acids

Question Type : MCQ
 Question ID : 5716585712
 Status : Answered
 Chosen Option : 3
 Marks : 1

Q.198 Curing is related to

- Ans
- 1. Sugarbeet
 - 2. Tobacco
 - 3. Potato
 - 4. Mentha

Question Type : MCQ
 Question ID : 5716585713
 Status : Answered
 Chosen Option : 2
 Marks : 1

Q.199 Steeping is related to

- Ans
- 1. Cotton
 - 2. Jute
 - 3. Pearl millet
 - 4. Cowpea

Question Type : MCQ
 Question ID : 5716585704
 Status : Answered
 Chosen Option : 2
 Marks : 1

Q.200 Which of the following is a most commonly used clonal rootstock for pear?

- Ans
- 1. M27
 - 2. Zardalu
 - 3. Quince A
 - 4. Colt

Question Type : MCQ
Question ID : 5716585734
Status : Not Answered
Chosen Option : --
Marks : 0

Q.201 Prajwal is a variety of

- Ans
- 1. Marigold
 - 2. Rose
 - 3. Gerbera
 - 4. Tuberose

Question Type : MCQ
Question ID : 5716585739
Status : Answered
Chosen Option : 1
Marks : 0

Q.202 Coffea arabica is a type of

- Ans
- 1. Often cross fertile
 - 2. Sterile
 - 3. Self fertile
 - 4. Cross fertile

Question Type : MCQ
Question ID : 5716585740
Status : Not Answered
Chosen Option : --
Marks : 0

Q.203 Sugar recovery in Indian cane is around

- Ans
- 1. 0.05
 - 2. 0.1
 - 3. 0.15
 - 4. 0.2

Question Type : MCQ
Question ID : 5716585720
Status : Not Answered
Chosen Option : --
Marks : 0

Q.204 Orobanche parasitic weed commonly occurs in

- Ans 1. Mustard
 2. Barley
 3. Sugarbeet
 4. Soybean

Question Type : MCQ
Question ID : 5716585710
Status : Not Answered
Chosen Option : --
Marks : 0

Q.205 Eksali sugarcane is planted in

- Ans 1. March- April
 2. November to December
 3. January - February
 4. September to October

Question Type : MCQ
Question ID : 5716585708
Status : Not Answered
Chosen Option : --
Marks : 0

Q.206 Nipping in chickpea is

- Ans 1. Removal of apical buds
 2. Removal of weeds
 3. nutrient application
 4. Seed treatment

Question Type : MCQ
Question ID : 5716585711
Status : Answered
Chosen Option : 1
Marks : 1

Q.207 The critical period of weed competition for transplanted rice is

- Ans 1. 30-50 DAT
 2. 20-60 DAT
 3. 25-60 DAT
 4. 15-45 DAT

Question Type : MCQ
Question ID : 5716585716
Status : Not Answered
Chosen Option : --
Marks : 0

Q.208 Kukrail is a variety of

- Ans
- 1. Geranium
 - 2. Jasmine
 - 3. Palmarosa
 - 4. Pepper Mint

Question Type : MCQ
 Question ID : 5716585732
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.209 The most critical stage of sugarcane for irrigation is

- Ans
- 1. Sugar accumulation
 - 2. Emergence
 - 3. Maturity
 - 4. Tillering

Question Type : MCQ
 Question ID : 5716585709
 Status : Answered
 Chosen Option : 1
 Marks : 0

Q.210 As a preventive measure the gladiolus corm must be treated for 30 minutes in bavistin solution in the concentration of

- Ans
- 1. 0.004
 - 2. 0.008
 - 3. 0.006
 - 4. 0.002

Question Type : MCQ
 Question ID : 5716585729
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.211 The triple disease resistant varieties such as Arka Rakshak and Arka Samrat are related to

- Ans
- 1. Tomato
 - 2. Brinjal
 - 3. Pea
 - 4. Chilli

Question Type : MCQ
 Question ID : 5716585724
 Status : Answered
 Chosen Option : 1
 Marks : 1

Q.212 In ber the pruning is done during the

- Ans 1. Hot and dry season
 2. Cold and dry season
 3. Rainy and humid condition
 4. Cold and humid condition

Question Type : MCQ
Question ID : 5716585736
Status : Not Answered
Chosen Option : --
Marks : 0

Q.213 Prabhini Kranti is a yellow vein mosaic disease resistant variety of

- Ans 1. Pea
 2. Cabbage
 3. Amaranthus
 4. Okra

Question Type : MCQ
Question ID : 5716585723
Status : Answered
Chosen Option : 4
Marks : 1

Q.214 Which of the following pest is responsible for low productivity of cashewnut?

- Ans 1. Red cotton bug
 2. Red palm weevil
 3. Tea mosquito bug
 4. Rhinoceros beetle

Question Type : MCQ
Question ID : 5716585737
Status : Answered
Chosen Option : 3
Marks : 1

Q.215 Apple color is the variety of

- Ans 1. Mango
 2. Apricot
 3. Apple
 4. Guava

Question Type : MCQ
Question ID : 5716585735
Status : Not Answered
Chosen Option : --
Marks : 0

Q.216 How many rooted slips of napier grass are required for planting in one hectare area

- Ans
- 1. 20000
 - 2. 50000
 - 3. 30000
 - 4. 40000

Question Type : MCQ
 Question ID : 5716585703
 Status : Answered
 Chosen Option : 3
 Marks : 0

Q.217 Rains before flowering in cotton results in

- Ans
- 1. Shorter staples
 - 2. Longer staple
 - 3. Attack of insects
 - 4. Early maturity

Question Type : MCQ
 Question ID : 5716585701
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.218 In onion "A small, whitish sunken lesions with purple centres that rapidly enlarge" are the peculiar symptoms of.....

- Ans
- 1. Fusarium Rot (*Fusarium* spp.)
 - 2. Downy mildew (*Pernospora destructor*)
 - 3. Black mold (*Aspergillus niger*)
 - 4. Purple Blotch (*Alternaria porri*)

Question Type : MCQ
 Question ID : 5716585726
 Status : Answered
 Chosen Option : 4
 Marks : 1

Q.219 Woolly aphid pest of apple can be biologically controlled by use of

- Ans
- 1. *Aphelinus mali*
 - 2. *Aphytis diaspidis*
 - 3. *Encarsia perniciosi*
 - 4. *Trichogramma embryophagum*

Question Type : MCQ
 Question ID : 5716585733
 Status : Answered
 Chosen Option : 1
 Marks : 1

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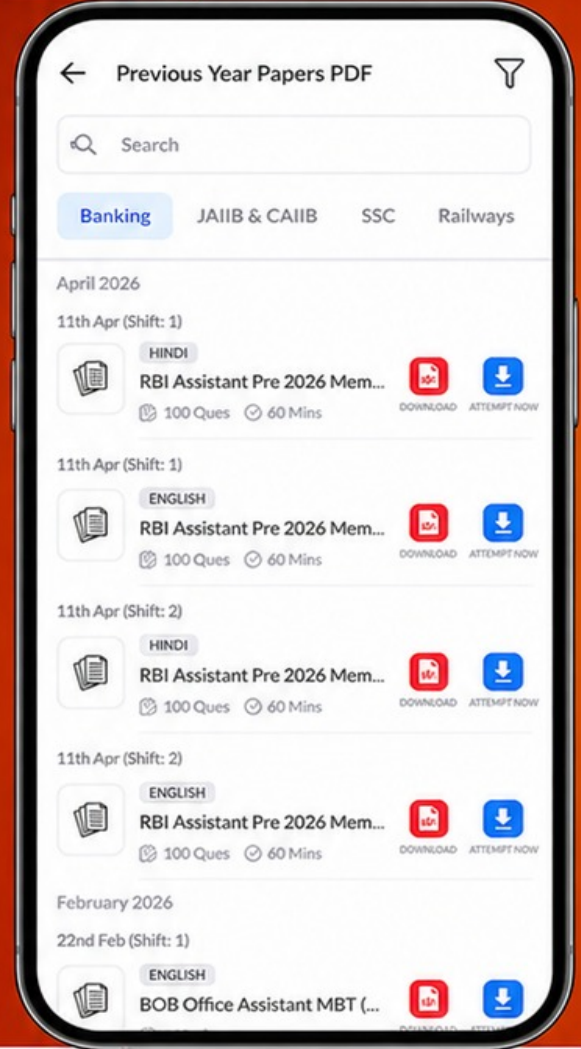
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Q.220 Rice seedlings are transplanted at which leaf stage

Ans 1. 7th

2. 5th

3. 9th

4. 3rd

Question Type : MCQ

Question ID : 5716585717

Status : Not Answered

Chosen Option : --

Marks : 0

