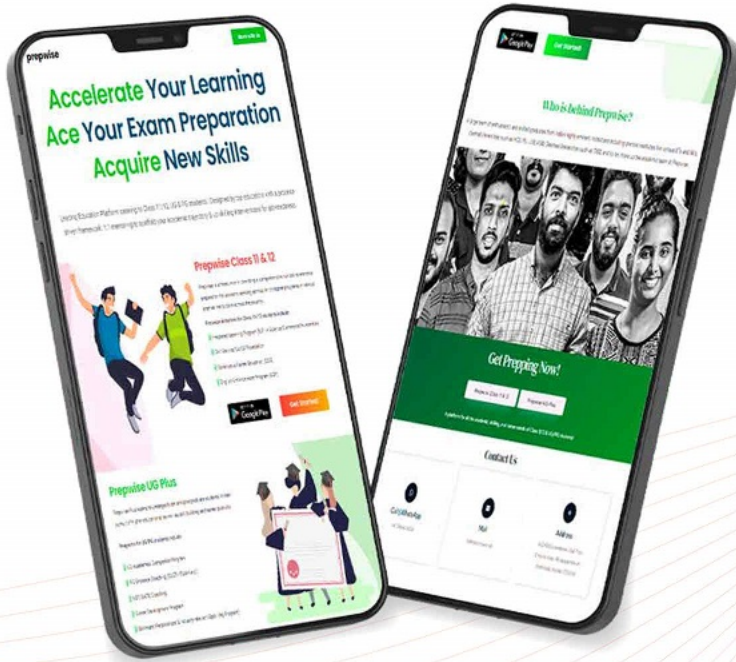




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CUET UG

Previous Year Question Paper

2022

Section II

Agriculture

Section Name: AGRICULTURE

Question:

Mandarin orange (Santra) belongs to _____ the family :

A Anacardiaceae

B Punicaceae

C Rutaceae

D Gramineae

CUET 2022 QUESTION PAPER

Section Name: AGRICULTURE

Question:

The diseases of sugarcane are :

- A. Red rot
- B. Whip smut
- C. Black arm
- D. Grey mildew
- E. Grassy shoot disease

Choose the correct answer from the options given below :

- | | |
|---|----------------|
| A | C only |
| B | D only |
| C | C & D only |
| D | A, B, & E only |



CUET 2022 QUESTION PAPER

Question:

Denavelling practice is followed in _____ crop :

A Fig

B Orange

C Grape

D Banana

CUET 2022 QUESTION PAPER

Section Name: AGRICULTURE

Question:

Match List I with List II

LIST I		LIST II	
A.	Milch Purpose breed	I.	Jersey
B.	Dual Purpose breed	II.	Dangi
C.	Draft Purpose breed	III.	Deoni
D.	Exotic breed	IV.	Sahiwal

Choose the correct answer from the options given below:

- | | |
|---|------------------------|
| A | A-iV, B-III, C-II, D-I |
| B | A-I, B-II, C-III, D-iV |
| C | A-III, B-II, C-I, D-iV |
| D | A-II, B-iV, C-I, D-III |

Section Name: AGRICULTURE

Question:

Which one of the following solution as a buffer solution:

- A. HNO_2
- B. HCl
- C. HNO_3
- D. NaOH
- E. H_2SO_4

Choose the correct answer from the options given below :

- | | |
|---|------------|
| A | A only |
| B | B & C only |
| C | D & E only |
| D | E only |

CUET 2022 QUESTION PAPER

Section Name: AGRICULTURE

Question:

Match List I with List II

LIST I		LIST II	
A.	Paddy	I.	<i>Oryza Sativa</i>
B.	Wheat	II.	<i>Triticum</i>
C.	Gram	III.	<i>Cicer argenteum</i>
D.	Groundnut	IV.	<i>Arachis hypogea</i>

Choose the correct answer from the options given below:

- A A-IV, B-III C-II, D-I
- B A-III, B-IV, C-II, D-I
- C A-I, B-II, C-III, D-IV
- D A-II, B-III, C-IV, D-I

Section Name: AGRICULTURE

Question:

Enzyme that catalyse the transfer of group, other than hydrogen, belong to the class :

- | | |
|---|----------------|
| A | Oxidoreductase |
| B | Transferase |
| C | Hydrolase |
| D | Ligase |

Section Name: AGRICULTURE

Question:

Specific gravity of semen in bull is _____

A 1.035

B 2.01

C 3.01

D 4.35



CUET 2022 QUESTION PAPER

Section Name: AGRICULTURE

Question:

Match the list I with List II

List I	List II
A. Kelvin	I. wind velocity
B. Millimeter	II. Relative humidity
C. Knots	III. Temperature
D. Percent (%)	IV. Rainfall

Choose the correct answer from the options given below:

- | | |
|---|------------------------|
| A | A-III, B-IV, C-I, D-II |
| B | A-I, B-II, C-III, D-IV |
| C | A-IV, B-III, C-II, D-I |
| D | A-II, B-III, C-IV, D-I |

Section Name: AGRICULTURE

Question:

Trichoderma is used as _____

- | | |
|---|--------------------------------|
| A | Nitrogen fixing bacteria |
| B | Phosphate absorber bacteria |
| C | Phosphate solubilizer bacteria |
| D | Decomposer bacteria |



CUET 2022 QUESTION PAPER

Section Name: AGRICULTURE

Question:

The plant material used for culturing is called as _____

A Totipotency

B TM - plant

C Transgenic plant

D Explant

Section Name: AGRICULTURE

Question:

Picornavirus causes _____ disease :

- | | |
|---|----------------------------|
| A | Sheep & goat Pox |
| B | Paste des petits ruminants |
| C | Foot & mouth disease |
| D | Rabies |

CUET 2022 QUESTION PAPER

Question:

The technology of bio-gas production from cow dung was developed in India largely due to efforts of _____

- A. Indian Agricultural Research Institute
- B. Indian oil corporation
- C. Oil and Natural Gas Commission
- D. Gas Authority of India
- E. Khadi & Village Industries Commission

Choose the correct answer from the options given below :

- | | |
|---|------------|
| A | B only |
| B | D only |
| C | A & E only |
| D | E only |



CUET 2022 QUESTION PAPER

Section Name: AGRICULTURE

Question:

Glycine max is the botanical name of _____

- | | |
|---|------------|
| A | Soyabean |
| B | Gram |
| C | Red gram |
| D | Black gram |

Section Name: AGRICULTURE

Question:

The Red colour of tomato is due to _____ pigment :

A Capsanthin

B Lycopene

C Anthocyanin

D Melanin

Section Name: AGRICULTURE

Question:

_____ is a chronic disease of animals.

A Black quarter

B Anthrax

C Mastitis

D Tuberculosis

CUET 2022 QUESTION PAPER

Section Name: AGRICULTURE

Question:

All the carbon compounds that we get from living tissues can be called as

- A. Bioresource
- B. Bio-informatics
- C. Biovar
- D. Biomolecules
- E. Biosensors

Choose the correct answer from the options given below :

- | | |
|---|------------|
| A | A only |
| B | B & C only |
| C | D only |
| D | C & E only |

Section Name: AGRICULTURE

Question:

Oil percentage in groundnut seed is _____

A 18 - 20%

B 60 - 70%

C 45 - 55%

D 5 - 10%

Section Name: AGRICULTURE

Question:

Which one of the following points is not considered while developing housing system for dairy farm :

- | | |
|---|------------------------|
| A | Shed design |
| B | Housing of young stock |
| C | Milking Parlour |
| D | Size of animal |



Section Name: AGRICULTURE

Question:

Fusion of male & female gametes to form a zygote which develops into an embryo is known as _____

- | | |
|---|-------------------------|
| A | Asexual reproduction |
| B | Sexual reproduction |
| C | Vegetative reproduction |
| D | Commercial reproduction |

Section Name: AGRICULTURE

Question:

Match List I with List II

LIST I		LIST II	
A.	Mango	I.	Sardar (L-49)
B.	Coconut	II.	TXD
C.	Guava	III.	Anab-E-Shahi
D.	Grapes	IV.	Alphonso

Choose the correct answer from the options given below:

A	A-iV, B-II, C-I, D-III
B	A-I, B-III, C-iV, D-II
C	A-III, B-iV, C-II, D-I
D	A-I, B-iV, C-II, D-III

Section Name: AGRICULTURE

Question:

Head quarter of Indian Meteorological department is at _____

- | | |
|---|---------|
| A | Pune |
| B | Delhi |
| C | Chennai |
| D | Kolkata |

Section Name: AGRICULTURE

Question:

_____ was the first person to use the word weed :

A Jenny

B Jethro Tull

C Marshal

D Philip Kotler

Section Name: AGRICULTURE

Question:

Ration to be feed to grower birds in between _____ weeks of age. is known as grows mash :

- | | |
|----------|----------|
| A | 9 -19 |
| B | 0 - 8 |
| C | After 20 |
| D | 0 - 4 |



Section Name: AGRICULTURE

Question:

Keeping micro-organisms out from entering into the food is termed as

A Spoilage

B Asepsis

C Decomposition

D Deterioration



CUET 2022 QUESTION PAPER

Section Name: AGRICULTURE

Question:

_____ is the example of sub-aerial stems :

A Ginger

B Mint

C Potato

D Onion

Section Name: AGRICULTURE

Question:

Which one of the following is the unit of water measurement (Motion) :

A Cusec

B Kilogram

C Hectare

D Sigma

Question:

The flesh of Kadaknath poultry breed is black in colour due to deposition of black pigment called:

- | | |
|---|-------------|
| A | Capsanthin |
| B | Lycopene |
| C | Anthocyanin |
| D | Melanin |



Section Name: AGRICULTURE

Question:

Rose is commercially propagated by _____

- | | |
|---|----------|
| A | Seed |
| B | Layering |
| C | Grafting |
| D | Budding |



Section Name: AGRICULTURE

Question:

Which one of the following is not the method of weather forecasting:

- | | |
|---|---|
| A | Short range forecasting |
| B | Conventional or synoptic method |
| C | Statistical method |
| D | Numerical weather prediction techniques |

Section Name: AGRICULTURE

Question:

Gypsum is a _____

- A Straight fertilizer
- B Complex fertilizer
- C Micronutrient
- D Soil amendment



Section Name: AGRICULTURE

Question:

_____ is the cross between Holstein Friesian and Deoni cattle :

A Gerdau

B Holdeo

C Gaolao

D HF



Section Name: AGRICULTURE

Question:

Drying of tear glands, night blindness eruption of skin leads due to deficiency of :

A Vitamin - D

B Vitamin - C

C Vitamin - A

D Vitamin - B



CUET 2022 QUESTION PAPER

Section Name: AGRICULTURE

Question:

Example of secondary nutrient is _____

A Nitrogen

B Phosphorus

C Calcium

D Potash

Section Name: AGRICULTURE

Question:

Gir forests of Kathiawar are the origin of _____ buffalo breed:

- | | |
|---|-------------|
| A | Murrah |
| B | Mehsana |
| C | Jaffarabadi |
| D | Surtie |



Section Name: AGRICULTURE

Question:

Vitamin - C rich fruit is _____

A Papaya

B Orange

C Mango

D Pomegranate

Section Name: AGRICULTURE

Question:

Which one of the following is not the chemical property of soil :

- | | |
|----------|--------------------------|
| A | Soil pH |
| B | Cation exchange capacity |
| C | Soil consistency |
| D | Organic carbon |

Section Name: AGRICULTURE

Question:

A non-proteinaceous enzyme is :

A Ribozyme

B Ligase

C Deoxyribonuclease

D Lysozyme

Section Name: AGRICULTURE

Question:

Which system of planting is followed on hills with high slopes?

- | | |
|---|--------------------|
| A | Contour System |
| B | Square System |
| C | Rectangular System |
| D | Hexagonal System |

Section Name: AGRICULTURE

Question:

The concept of *in-vitro* culture was developed by _____

- | | |
|----------|-------------------|
| A | Herberalandt |
| B | Toshion Murascige |
| C | Folke Karl Skoog |
| D | William Smith |

Based on the passage given below, answer the questions that follows.

Sugarcane (*Saccharum* species) is mainly grown for manufacture of sugar and Jaggery. Cultivation of sugarcane is confined to tropical and subtropical regions. In Maharashtra, it is predominantly grown on shallow to medium black soils. The methods of planting are flat planting, planting in ridges and furrows, Rayungan method, Trench and skip- furrow planting. Planting time, fertilizers, varieties and yield differs with the planting season. The Adsali sugarcane is planted in July – August. Planting time for preseasonal crop is October to November and for seasonal crop it is January to February. Most popular sugarcane varieties are CO-740, CO-7219, CO-7125, CO- 86032, CO-671, phule 265, etc. The water requirement is about 2000 to 3000mm in tropical region and about 1500 to 2000mm in subtropics. Ratooning is the practice of allowing stubbles of previously harvested crop to sprout and grow to raise new crop. Ratooning of sugarcane is economical as it saves 20 to 25% of expenditure. It gives good yield, if same cares as for plant cane is taken for it.



Section Name: AGRICULTURE

Question:

Sugarcane is mainly grown for manufacturing of _____

A Cloth

B Soap

C Oil

D Sugar



Section Name: AGRICULTURE

Question:

Planting season of Adsali Sugarcane is _____

- | | |
|---|--------------------|
| A | April - May |
| B | July - August |
| C | October - November |
| D | January - February |



Question:

Ratooning in Sugarcane is beneficial because of.

- | | |
|----------|-----------------------------|
| A | Less water requirement |
| B | Saves 20 to 25% expenditure |
| C | Pest attack is less |
| D | Disease attack is less |



Section Name: AGRICULTURE

Question:

How much quantity of water is required for growing Sugarcane in subtropical area.

A 1500 - 2000 mm

B 500 - 700 mm

C 800 - 900 mm

D 1000 - 1100 mm



Section Name: AGRICULTURE

Question:

Which one of the following is the variety of Sugarcane.

A Ratna

B Basmati

C CO-86032

D Virat

Based on the passage given below, answer the questions that follows.

Ringling is followed in mango to introduce fruitfulness. It is nothing but removal of bark on the branches, on around in circular fashion of the width of 6-12 mm. The object behind this operation is to accumulate it above the portion of operation to induce fruitfulness. Many times, tree produces only vegetative growth and all the carbohydrate is utilized for vegetative growth without any accumulation. In alternate bearing trees, during 'on' year all the carbohydrate is utilized for development of fruit and hence very little quantity is available for differentiation of buds resulting in 'off' year next season. For sprouting of flowers buds, accumulation of carbohydrates is essential. To achieve this, ringling is done in mango.

This operation is done four months before the expected date of flowering i.e. in the month of August. It is done on the main limbs of at least 15 cm in diameter by removing a circular bark ring of 6-12mm thickness. The cut given to the stem or branch of the tree should not be too deep, and it should not injure the cambium cell otherwise the upward nutrient supply will be checked. Bordeaux paste should be applied on the wounded part to check the fungal attack. It is not followed as a regular practice. Normally, healing of the wound takes place in about a month after the purpose of the operation is over.

Section Name: AGRICULTURE

Question:

In which crop ringing practice is used?

A Grape

B Fig

C Mango

D Banana

Section Name: AGRICULTURE

Question:

What do you mean by ringing?

- | | |
|----------|--|
| A | Removal of circular piece bark on branches |
| B | Removal of shoot on the branches |
| C | Removal of suckers on the branches |
| D | Removal of flowers on the branches |

Section Name: AGRICULTURE

Question:

What is the purpose of ringing?

- | | |
|----------|-----------------------------|
| A | To produce root |
| B | To increase side shoot |
| C | To control pest and disease |
| D | To include fruitfulness |

Section Name: AGRICULTURE

Question:

Ringing is done _____

- | | |
|----------|------------------------------|
| A | One month after flowering |
| B | Two months before flowering |
| C | Four months before flowering |
| D | Four months after flowering |

Section Name: AGRICULTURE

Question:

Why Bordeaux paste should applied on the wounded part of ringing?

- | | |
|---|--------------------------------|
| A | To reduce the attack of fungus |
| B | To reduce evaporation losses |
| C | To increase yield |
| D | To produce flower |