

MCQ TEST-I 1ST Semester Hons- CC01 & CC02

All Questions are compulsory, Once you complete the question, you must press the SUBMIT button, if you do not SUBMIT, your answer will not be recorded even if your time is up. So make sure you submit this button before time is up.

NAME

ANSWER KEY

SEMESTER

- SEM-I HONS
- SEM-V HONS
- SEM-III HONS GE
- SEM-III DSC
- SEM-I DSC

CC01 PAPER (FM=30)

CLICK NEXT TO GO TO CC02 PAPER

Choose the correct option

2 points

D-Glyceraldehyde is an optically active Sugar

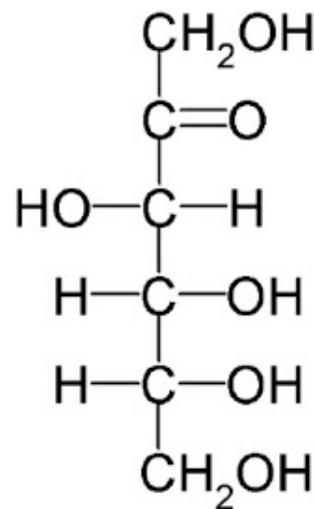
True

False

Choose the Correct option

2 points

Identify the sugar



- 1) **D- GLUCOSE**
- 2) **D-FRUCTOSE**
- 3) **L-FRUCTOSE**
- 4) **D-MANNOSE**

Option 1

Option 2

Option 3

Option 4

Choose the appropriate option

2 points

1-tricontanol is component of

- 1) Coconut oil**
- 2) Paraffin**
- 3) Bee Wax**
- 4) Sphingolipid**

- Option 1
- Option 2
- Option 3
- Option 4

Choose the appropriate option

2 points

Steroids are associated with

- 1) Cyclobutanoperhydrophenanthrene**
- 2) Cyclopentanoperhydroalkene**
- 3) Cyclopentanoperhydrophenanthrene**
- 4) Cyclopentanophenanthrene**

- Option 1
- Option 2
- Option 3
- Option 4

Choose the appropriate option

2 points

Which of the following is NOT a Polysaccharide

- 1) Chitin**
- 2) Cellulose**
- 3) Raffinose**
- 4) Inulin**

- Option 1
- Option 2
- Option 3
- Option 4

Choose the appropriate option

2 points

Which of the following is appropriate to define Carbohydrates

- 1) Polyhydroxy alcohols**
- 2) Polyhydroxy aldehyde**
- 3) Polyhydroxy aldehyde or ketones**
- 4) Polyphe nols**

- Option 1
- Option 2
- Option 3
- Option 4

Choose the appropriate option

2 points

Which of the following is a Ketose

- 1) Sucrose**
- 2) De oxy ribose**
- 3) Ribose**
- 4) Galactose**

- Option 1
- Option 2
- Option 3
- Option 4

Choose the appropriate option

2 points

Which of the following is a Sulphur containing amino acid

- 1) Histidine**
- 2) Cysteine**
- 3) Tyrosine**
- 4) Alanine**

- Option 1
- Option 2
- Option 3
- Option 4

Choose the appropriate option

2 points

Which of the following is NOT a Reducing Sugar

- 1) Sucrose**
- 2) Maltose**
- 3) Glucose**
- 4) Galactose**

- Option 1
- Option 2
- Option 3
- Option 4

Choose the appropriate option

2 points

Which of the following items are NOT present in Sphingolipids

- 1) NH group**
- 2) Glycerol**
- 3) Phosphate group**
- 4) Fatty acid**

- Option 1
- Option 2
- Option 3
- Option 4

Choose the appropriate option

2 points

Which of the following does not affect the melting point of Fatty acid

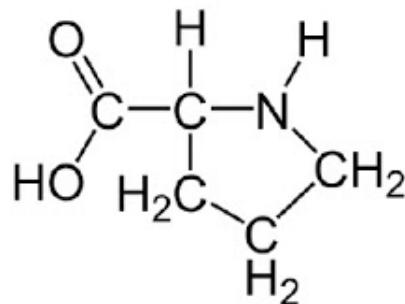
- 1) Chain Length**
- 2) No of Double bonds**
- 3) Molecular weight**
- 4) Chirality**

- Option 1
- Option 2
- Option 3
- Option 4

Choose the appropriate option

2 points

Identify the amino acid



- 1) **HISTIDINE**
- 2) **ARGININE**
- 3) **PROLINE**
- 4) **TYROSINE**

- Option 1
- Option 2
- Option 3
- Option 4

All natural amino acids are D-amino acids in nature

2 points

- False
- True

Select the CORRECT statement

2 points

- D-Mannose is an example of Ketose
- L-arabinose is a naturally occurring sugar
- Most of the Cell membranes have sphingolipids
- Cystine is a monomeric unit of amino acid

Select the INCORRECT statement

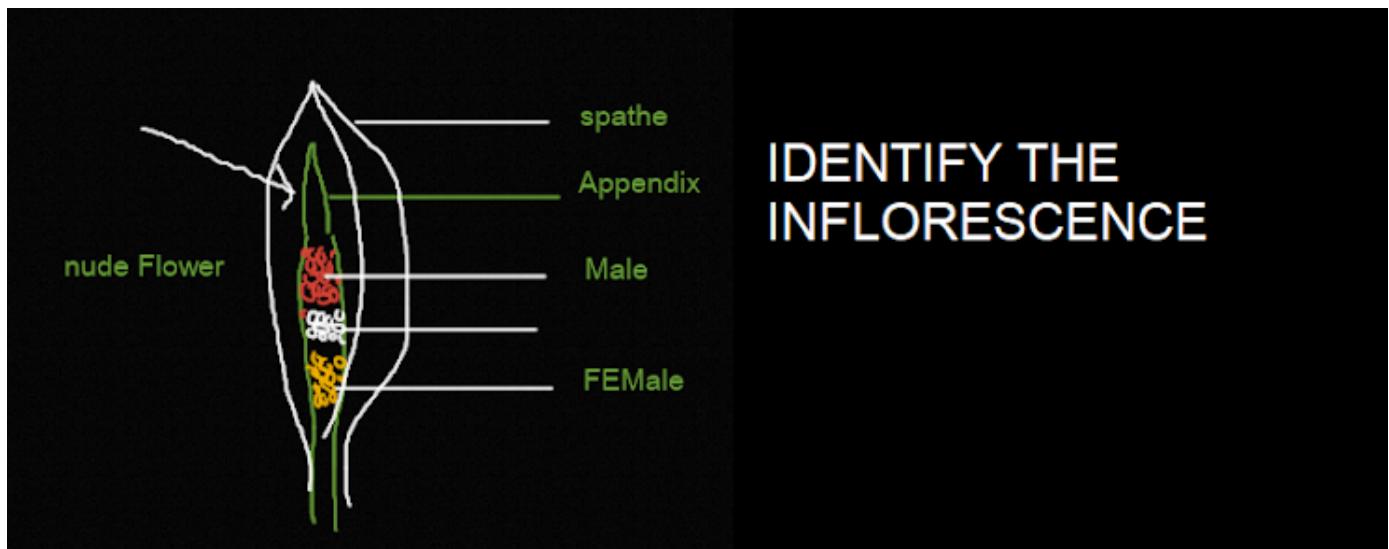
2 points

- Glucosans are polysaccharide with Glucose Units
- A sugar with 3 chiral carbon may have 6 stereoisomers
- Glycine does not have any chiral carbon
- Most amino acids we study are alpha amino acids

PAPER-CC02 [FULL MARKS 30]

IDENTIFY FROM THE PICTURE

2 points



IDENTIFY THE INFLORESCENCE

- CAPITULUM
- COMPOUND SPADIX
- SPIKELETS
- SIMPLE SPADIX

Which among the following statements is not TRUE for Cymose Inflorescence

2 points

- Cymose flowers centrifugally
- The terminal part of rachis is terminated by a flower or bud
- The arrangement of flower is acropetal here
- Cymose may be a flat inflorescence as well

Which among the following picture is NOT an example of Racemose inflorescence

2 points



This following one



This one



This inflorescence



The following inflorescence

Choose the appropriate option

2 points

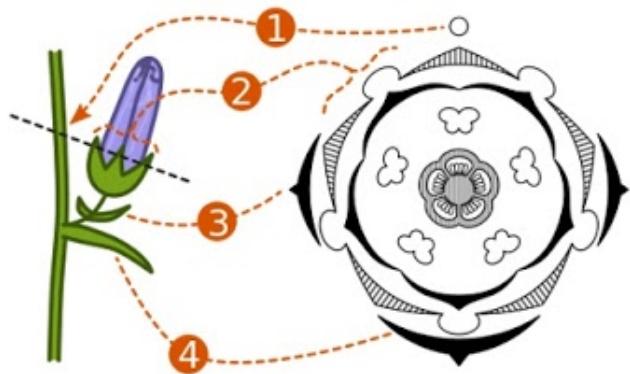
SYNANDROUS STAMEN IS

- 1) When stamens are fused with their filament but anthers are free**
- 2) When stamens are fused with both their filament and anthers**
- 3) When stamens are fused with their anther only**
- 4) When stamens are free**

- Option 1
- Option 2
- Option 3
- Option 4

Choose the correct option

2 points



From the floral diagram which one of the following is TRUE

1. Stamens are Epipetalous
2. There are three bracts present
3. Aestivation of petals is imbricate
4. There is only single bract is present

- Option 1
- Option 2
- Option 3
- Option 4

Choose the correct option

2 points

IDENTIFY THE PLACENTATION THIS PICTURE



- 1) Axile**
- 2) Free Central**
- 3) Parietal**
- 4) Superficial**

- Option 1
- Option 2
- Option 3
- Option 4

Choose the correct option

2 points

Flowers- Actinomorphic, Bisexual, sepals 5, gamosepalous; petals 5, polypetalous, Stamens 5, epipetalous; Carpels 2, syncarpous

1) $\oplus \text{♀}^\rightarrow K_{(5)} C_{(5)} \widehat{A}_5 G_{(2)}$

2) $K_{(5)} C_5 \widehat{A}_{(5)} G_{(2)}$

3) $\circledcirc \text{♀}^\rightarrow K_{(5)} C_5 \widehat{A}_{(5)} G_{(2)}$

4) $\oplus \text{♀}^\rightarrow K_{(5)} C_5 \widehat{A}_{(5)} G_{(2)}$

 Option 1 Option 2 Option 3 Option 4

Choose the correct option

2 points



IDENTIFY THE COHESION OF STAMENS IN THIS PICTURE

- A) MONADELPHOUS**
- B) DIADELPHOUS**
- C) POLYDELPHOUS**
- D) NONE OF THE ABOVE**

- Option A
- Option B
- Option C
- Option D

Choose the correct option

2 points

Which among the following have involucre of bracts

- 1) Capitulum**
- 2) Hypanthodium**
- 3) Cyathium**
- 4) Spadix**

- Option 1
- Option 2
- Option 3
- Option 4

Choose the correct option

2 points

A flower can not form without

- A)Floral axis**
- B)Sepals**
- C)Petals**
- D)Stamens**
- E)Carpels**

OPTION A

OPTION B

OPTION C

OPTION D

OPTION E

Choose the correct option

2 points

Which is the most appropriate term for individual Unit of Gynoecium?

- 1) Pistil**
- 2) Carpel**
- 3) Stigma**
- 4) Style**

Option 1

Option 2

Option 3

Option 4

Choose the correct option

2 points

Hypanthium is present in case of

- 1) Epigynous Flower**
- 2) Perigynous Flower**
- 3) Hypogynous Flower**
- 4) None of the Above**

- Option 1
- Option 2
- Option 3
- Option 4

Choose the correct option

2 points

The Internodal Distance Between Corolla and Calyx is Called

- 1) ANDROPHORE**
- 2) ANTHOPHORE**
- 3) GYNOPHORE**
- 4) PEDICEL**

- Option 1
- Option 2
- Option 3
- Option 4

IDENTIFY THE ARROWED PART

2 points

IDENTIFY THE STIPULE



- Inter-petiolar Stipule
- Intra-petiolar Stipule
- Free lateral Stipule
- Adnate Stipule

Roxb. is author citation of

2 points



PHYLLOTAXY

What do you think this phyllotaxy should be?

- Alternate Phyllotaxy
- Opposite superimposed
- Opposite decussate
- Opposite distichous

Submission ID (skip this field) *

⚠ DO NOT EDIT this field or your time will not be recorded.

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