



K15U 0204

Reg. No. :

Name :

III Semester B.Sc. Degree (CCSS – 2014 Admn. – Regular)

Examination, November 2015

COMPLEMENTARY COURSE IN BOTANY/PLANT SCIENCE

3C03 BOT/PLS : Angiosperms – Morphology, Systematics, Utility, Plant Breeding and Plant Pathology

Time : 3 Hours

Total Marks : 32

SECTION – A

Answer all :

Choose the correct answer :

1) Which of these is a millet ?

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|---------|----------|
| a) Rice | b) Coir |
| c) Ragi | d) Wheat |

2) Leaf mosaic of Tapioca is caused by

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|---------------|----------|
| a) Bacteria | b) Fungi |
| c) Mycoplasma | d) Virus |

3) Jack fruit is an example for

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|-----------------|--------------------|
| a) Simple fruit | b) Multiple fruit |
| c) Caryopsis | d) Aggregate fruit |

4) Henna belongs to

- | | |
|------------------|---------------|
| a) Euphorbiaceae | b) Lythraceae |
| c) Rutaceae | d) Asteraceae |

5) Gynobasic style is characteristic of

- | | |
|-----------------|---------------|
| a) Apocyanaceae | b) Annonaceae |
| c) Rutaceae | d) Lamiaceae |

(5×1=5)

P.T.O.



SECTION – B

Answer **any four** :

6. With the help of diagrams describe the special type of inflorescence in Euphorbiaceae.
7. What are the advantages of the herbarium ?
8. Describe the different types of placentation with the help of sketches.
9. Write about the oil yielding plants you have studied.
10. Write notes on plant introduction.
11. Discuss the advanced features of Asteraceae. (4×2=8)

SECTION – C

Answer **any three** :

12. List out the monocot characters of Anonaceae.
13. Write the binomial, family and useful part and uses of the spices you have studied.
14. What are the different types of fruits you have studied. Give suitable examples for each.
15. Explain the floral characters of Poaceae with the help of sketches.
16. Write on the pathogen, symptoms and control measures of Quick wilt of pepper. (3×3=9)

SECTION – D

Answer **any two** :

17. Discuss Bentham and Hooker's classification and add a note on its merits and demerits.
 18. What is hybridization and hybrid vigor ? Give an account on the steps involved in a hybridization.
 19. Describe in detail the features of the pulse family and mention the binomials and common names of economically important plants.
 20. Write on the diagnostic features of the Lamiaceae and add a note on its economic importance. (2×5=10)
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