B.Sc. Botany Degree (C.B.C.S.S.) EXAMINATION, March 2016

Sixth Semester

MODEL QUESTIONS

Choice based core –**Plant Genetic Resources Management**

(Common for B.Sc. Botany Model I, Model II and B.Sc. Biotechnology and Botany (Double main) Programmes)

(2013 admissions)

Time: Three Hours **Part-A** **Maximum: 60 marks**

Answer **all** questions

Each question carries ***one*** mark each

1. Where is head quarters of NBPGR located?
2. What is the binomial of paddy straw mushroom?
3. Which is the center of origin of *Hevea braziliensis*?
4. Name a national park of Kerala.
5. Expand IUCN.
6. Define spawn.
7. Write the binomial of Rambuttan.
8. What is the useful part of lesser yam? (8x1=8Marks)

Part-B

Answer any ***six*** questions

Each question carries **2** marks

9. Name any two biodiversity hot spots of India.
10. Write the binomial, family and uses of winged bean.

11. What is *in-situ* conservation?

12. What are sacred grooves?

13. What is the binomial and family of banana?

14. What are endemic species?

15. What is the binomial and family of Nutmeg?

16. What are primary and secondary centers of diversity?

17. What are the medicinal uses of Vasaka?

18. How is cardamom propagated? (6x2=12Marks)

Part-C

Answer any ***four*** questions

Each question carries **4** marks

19. Explain the importance of wild relatives of crop plants.

20. Explain the taxonomy and cultivation of coconut.

21. Explain the scope and significance of ethnobotany.

22. Briefly describe the cultivation of oyster mushroom.

23. Explain the objectives of BSI.

24. Describe the taxonomy and cultivation of pineapple. (4x4=16Marks)

Part-D

Answer any **two** questions

Each question carries **12** marks

25. Explain Vavilov's centers of origin of crop plants.

26. Briefly explain the taxonomy and cultivation of ginger and tapioca.

27. Explain the different methods of *ex-situ* conservation.

28. Briefly explain major threat to genetic resources. (2x12=24 Marks)