

M.Sc. (Botany) Semester - 3 (CBCS) Examination
DEC/JAN. - 2020 - [NEW COURSE]
Plant Diversity And Resources (Elective (New))

Time: 1:30 Hours**Marks: 42****Instructions:**

1. Figure to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

-
- Q.1 Answer the following (any seven) (14)**
1. State any two demerits of Bentham and Hooker classification system.
 2. Explain the characteristics of polypetalae with one example
 3. How can you define 'Apetale'?
 4. State the economic importance of gymnosperm
 5. Write in brief morphological pattern in leaf of gymnosperm
 6. State the characteristics of 'Gamopetale'
 7. Write the importance of fodder grasses
 8. Which are the basic methods to study ethanobotany
 9. What do you mean by IPR?
 10. Write the importance of minor staple crop -millets
- Q.2 Answer the following (any two) (14)**
- (a) Economic importance of pteridophytes
 - (b) Morphological patterns in leaf of bryophytes
 - (c) Reproductive organs in pteridophyte
- Q.3 Answer the following (any two) (14)**
- (a) General characteristics of gymnosperm
 - (b) Classification of Bentham and hooker
 - (c) Explain any two families of monocotyledon in detail with example
- Q.4 Write short notes on (any two) (14)**
- (a) Any two major staple crops
 - (b) Minor forest products of India
 - (c) Siviculture system
- Q.5 Write short note on any two of the following (14)**
- (a) Biodiversity act
 - (b) Farmers and breeders right
 - (c) Protection of traditional knowledge
