

TELANGANA UNIVERSITY
S.S.R. DEGREE COLLEGE, NIZAMABAD (C.C:5029)
II SEMESTER INTERNAL ASSESSMENT I EXAMINATIONS
BOTANY QUESTION BANK

I. Multiple choice questions.

1. In which winged pollen grains are found? []
a. Pollen grains b. Seeds c. Both a & b d. None of the above

2. Ovuliferous scale of pinus is part of []
a. Megasporophyll b. Microsporophyll c. Ovule d. Dwarf shoot

3. The type of polyembryo in pinus is []
a. Cleavage b. Synegid c. Nucellar d. None of the above

4. The ovule of pinus is naked due to the []
a. absence of integuments b. absence of nucellus
c. absence of ovary d. absence of perianth

5. Pinus leaves are of two types []
a. Prophylls and cataphylls b. Sheath and cataphylls
c. Spur and sheath d. None of the above

6. Which does not belong to sporophyte generation in pinus []
a. Dwarf shoot b. Long shoot c. Endosperm d. Root

7. Reticulate venation is present in []
a. Gnetum b. Gnetum c. Cycas d. Pinus

8. The pavement tissue in the ovule of gnetum is developed from []
a. Nucellus b. Female gametophyte
c. Integument d. Male gametophyte

9. Pteridophyte plants are dominant in _____ []
a. Mesozoic b. Coenozoic c. Paleozoic d. Archeozoic

10. Which is the living fossil of Gymnosperms []
a. Gnetum b. Ginkgo c. Pinus d. Cycas

11. Bentham and Hooker grouped all angiosperm and Gymnosperm plants in []
a. 202 families b. 180 families c. 125 families d. 400 families

12. Who is father of Taxonomy based on sexual characters []
a. Decandolle b. Carl Linnaeus c. Bessey d. Randal

13. Reticulate venation is a differentiated character among vascular plants []
a. Pteridophyte b. Gymnosperms c. Dicotyledonae d. Monocotyledonae

14. Inferior ovary "series means inferior ovary" is []
a. Inferior ovary b. Superior ovary c. Perigynous ovary d. None of the above

15. Zingiber officinale belong to []
 a. Poaceal b. Orchidaceal c. Zingiberaceae d. Fabaceaea
16. Embryo, vasculavophytes, flower, fruits and seed containing plants are []
 a. Pteridophytes b. Gumnosperms c. Angiosperm d. None of the above
17. Where is National Botanical Research Institute (NBRI) in locate []
 a. Hyderabad b. Dehradune c. Lucknow d. Bangalore

II. Fill in the blanks

1. Winged pollen are found in _____
2. The development of several embryos from a single zygote in pinus is called _____
3. Turpentine and resin is obtained from _____
4. Define male gametophyte in Gymnosperm _____
5. Male cone is generate from _____
6. Define three types of tissue incortex is gnetum _____
7. Nodal bracts fuse together to form cup like structure is called _____
8. How many cotyleadons are/is present is Gnetum _____
9. Define ICBN _____
10. What is Herbarium, define _____
11. Mention polypetalac class of three series _____
12. What is shenzhencode
13. Write any two applications of Herbarium _____
14. What is phylogenetic classifications _____
15. Expand APLa

III. Short Answers.

1. Petrification?
2. Cast?
3. Importance of Mesozoic era?
4. Pinus ovule?
5. Seed of Gneteem?
6. Numerical Taxonomy?
7. Name two gumnosperm genera which is given in the syllabus?
8. Endosperm of Gnetum?
9. B.S.I of India?
10. Demerit of Bentham and Hooker classification?