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SUBJECT CODE NO: - 2063
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. S.Y Sem. IV
Examination March/April-2022 (To Be Held In June/July-2022)
Botany Paper- XI
Gymnosperms and Utilization of Plants

[Time: 1.53 Hours]

[Max.Marks:50]

Please check whether you have got the right question paper.

- N.B
- i) Attempt all questions
 - ii) Illustrate your answer with suitable labeled diagram
- Q.1 Give morphological and anatomical characters of Pinus 20
 OR
 What is fossilization? Describe in detail types of fossils 20
- Q.2 Give an account of cultivation harvesting & economic important of Jawar 20
 OR
 Write short notes on any four of the following 20
- a) Male cone of Cycas
 - b) T.S of Pinus needle
 - c) Petrified
 - d) Cinnamon
 - e) Economic importance of coffee
 - f) Black pepper
- Q.3 Multiple choice questions 10
- 1) Coralloid roots are found in -----
 a) Cycas b) Pinus c) Drgoptesis d) lycopodium
 - 2) Endosperm in Gymnosperm is -----
 a) Triploid b) Diploid c) Haploid d) None of these
 - 3) Cycus wood is belongs to -----
 a) Compact wood b) Monoxylic c) Pycnoxylic d) Duramen
 - 4) Pinns seeds is originated in -----
 a) Capsule b) microsporophyll c) microsporangia d) megasporophylls
 - 5) In cycus the male cone lacks of -----
 a) Microspore b) microsporophyll c) microsponangia d) Nucellns
 - 6) Queens of spices is -----
 a) cardamom b) pepper c) Ginger d) chilli

- 7) *Withania somnifera* belongs to -----
a) solanacene b) Liliaceae c) poaceae d) Malvaceae
- 8) Sunflower is -----
a) Tree b) Shrub c) Annual forb d) Perennial herb
- 9) Botanical name of Teak is -----
a) *Acacia catechn* b) *Albezzia lebbeck*
c) *Tectona granois* d) *Fiens benghalensis*
- 10) Gum are provided by -----
a) *Oscimum* b) *Acacia* c) *Calatropis* d) None of these