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SUBJECT CODE NO: - Y-2063
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. S.Y (Sem-IV)
Examination March / April - 2023
Botany Paper- XI Gymnosperms and Utilization of Plants

[Time: Hours 1:30]

[Max. Marks: 50]

Please check whether you have got the right question paper.

N. B

- 1) Attempt all questions.
- 2) Illustrate your answer with suitable well labelled diagram.

Q1 Describe External morphology of Cycas plant add anatomical features of coralloid root of Cycas plant 20

Or

Explain general characters of gymnosperms add a note economic importance of Gymnosperm

Q2 Give an account on cultivation, harvesting, improved varieties and economic importance of sugarcane 20

Or

Write short notes on any four of following

- a. Contribution of professor Birbal sahani
- b. Male cone of Gnetum
- c. Korphad
- d. Rose
- e. Clove
- f. Teak

Q3 Multiple Choice Question 10

- 1) In which order of Gymnosperms fossils are present
 a) Bennettitales b) Coniferales c) Gnetales d) none of the above
- 2) Female cone of Pinus matura in _____
 a) one year b) two year c) three year d) four year
- 3) Pollination in Pinus is _____
 a) Entomophilous b) Anemophilous c) Hydrophilous d) Zoophilous
- 4) Sulphur shower is related to _____
 a) Cycas b) Pinus c) Both d) None of the above
- 5) Cretaceous is a period of _____
 a) Palaeozoic era b) Cenozoic era
 c) Mesozoic era d) Archaeozoic era

- 6) Botanical names of tea is _____
a) Camellia sinensis b) Coffea Arabica
c) Coriandrum sativam d) Cinnamomun verum
- 7) Oil is obtained from the seeds of
a) Saccharum officinarum b) Cicer arietinum
c) Arachis hypogea d) Saccharum bengalense
- 8) Cotton plant belongs to family
a) Malvaceae b) Apocynaceae c) Solanaceae d) Fabaceae
- 9) Which plant yield several Utilizable product producing fiber , oil & animal food
a) Cotton b)Sunflower c) Jowar d) Maize
- 10) Sharbati Sonora is the variety of
a) Jowar b) Wheat c) Sunflower d) Ground nut