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SUBJECT CODE NO: - Y-2186
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (PATTERN-2013) (S.Y SEM IV)
Examination April / May - 2024
Botany Paper- XI Gymnosperms and Utilization of Plants

[Time: 1:30 Hours]

[Max. Marks:50]

Please check whether you have got the right question paper.

N. B

- 1) All questions are compulsory.
- 2) Illustrate your answer with Suitable well labelled diagram.

Q1 Explain in brief External morphology of Gnetum. Add a notes on male and female strobili of Gnetum. 20

OR

What is fossilization & describe in detail types of fossils. 20

Q2 Give an account on cultivation, harvesting, improved Varieties and economic importance of wheat. 20

OR

Write short notes on. (any four)

4*5=20

- a) Fossil fuels.
- b) male of Pinus.
- c) Nirgudi
- d) Tuberose
- e) Black pepper.
- f) Babul

**Q3 Multiple choice question:**

10

- 1) Phloem of Gymnosperms is devoid of _____.
 - a) Sieve Cells
 - b) Companion Cells
 - c) phloem Parenchyma
 - d) None of above.
- 2) Functions of corolloid root is _____.
 - a) Absorption of water
 - b) Absorption and fixation of Nitrogen
 - c) Anchorage
 - d) Respiration
- 3) Anatomical features of cycas leaflet indicate that is a _____.
 - a) Xerophytes
 - b) Mesophytes
 - c) Hydrophytes
 - d) Halophytes
- 4) Another meaning of gymnosperm is _____.
 - a) Invisible seeds
 - b) Round seeds
 - c) Naked Seeds
 - d) Wrinkled seeds

- 5) Transfusion tissues present in leaves on _____
a) Pinus
b) Cycas
c) Both A and B
d) None of the above.
- 6) Botanical name of cotton is _____.
a) Hibiscus cannabinus
b) Gossypium hirsutum
c) Corchorus capsularis
d) Cannabis sativa
- 7) Which plant parts of coffee used to flavour of various beverages _____.
a) Leaves
b) Bark
c) Seeds
d) All of these
- 8) Sunflower plant is belonging to family _____.
a) Asteraceae
b) Asclepiaceae
c) Solanaceae
d) Apiaceae.
- 9) Axillary buds are used to raise Crops of _____.
a) Jowar
b) Groundnut
c) Sugarcane
d) Sisham
- 10) Which of the following chemical constitution is responsible for yellow colour of turmeric?
a) Camphene
b) Curcumin-I
c) Limonene
d) terpinene

