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SUBJECT CODE NO: YY-2327
FACULTY OF SCIENCE AND TECHNOLOGY
B. Sc. (CBCGS) (Pattern 2022) S.Y SEM IV
Examination April / May - 2024
Botany-XII Gymnosperms & Utilization of Plants

[Time:1:30 Hours]

[Max. Marks:40]

Please check whether you have got the right question paper.

N. B

- 1) Attempt all questions.
- 2) All questions carry equal marks
- 3) Draw neat and well labelled diagrams wherever necessary

Q1 Describe in detail external morphology of Cycas sporophyte.

10

OR

Describe in brief

- a. Contribution of Prof. Birbal Sahani
- b. Gnetum female strobilus



Q2 Give an account of cultivation, harvesting, Improved varieties and economic importance of ground nut

10

OR

Describe in brief

- a. Processing of coffee
- b. Economic importance of Jowar

Q3 Write short notes on (Any Two)

10

- a. Male cone of Pinus
- b. Economic importance of Black pepper
- c. Aloe-vera

Q4 MCQ

1. In cycas, spermatozoid is
 - a) Multiciliated
 - b) UniFlagellated
 - c) Non-Flagellated
 - d) BiFlagellated
2. Mesophyll tissue of Pinus needle is composed of
 - a) Armed parenchyma
 - b) Chlorenchyma
 - c) Spongy Parenchyma
 - d) Transfussion Tissue
3. The fused bracts of male cone of Gnetum are comparable to
 - a) Leaves of Angiosperms
 - b) Bract of Angiosperms
 - c) Bractiole of Angiosperms
 - d) Perianth of Angiosperms
4. Gymnosperms do not have
 - a) Trees
 - b) Sshrubs
 - c) Lianas
 - d) Herbs
5. Fossils are formed in which type of rocks
 - a) Metamorphic
 - b) Sedimentary rocks
 - c) Ignous rocks
 - d) None of these
6. Botanical Name of Teak is
 - a) Azadirachta indica
 - b) Acasia nilotica
 - c) Tectona grandis
 - d) None of these
7. Most cultivated crop in India among Cereals
 - a) Wheat
 - b) Sorghum
 - c) Maize
 - d) Rice
8. Cloves are obtained from which of the following parts of the plant?
 - a) Dried leaves
 - b) Dried stem
 - c) Dried seeds
 - d) Dried flower buds
9. Botanical Name of 'Ashwagandha' is
 - a) Aloe-vera
 - b) Withania somnifera
 - c) Curcuma longa
 - d) Vitex negundo
10. _____ is largest producer of Jute in world.
 - a) China
 - b) Canada
 - c) Shirilanka
 - d) India

