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SUBJECT CODE NO:- B-2167
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc S.Y. (Sem.-IV) Examination OCT/NOV 2019
Botany Paper – XI
Gymnosperms & Utilization of Plants

[Time: 1:30 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 well labelled diagram.

Q.1 Describe the external morphology of Gnetum and add a note on reproduction of Gnetum. 20

OR

What is fossilization? Add a note on types of fossil you studied.

Q.2 Write in details cultivation, harvesting and economic importance of Ground nut. 20

OR

Write short notes on **any four** of following

- a) Salient features of Gymnosperms.
- b) Male cone of Cycas.
- c) Uses of Cotton
- d) Jute
- e) Nirgudi
- f) Cumin

Q.3 Multiple Choice questions. 10

1. _____ is called living fossils.
 a) Cycas b) Pinus c) Gnetum d) none of these
2. _____ pollination is common in Gymnosperms.
 a) Anemophilous b) Eutemophilous c) both of these d) none of these
3. Megasparophyll is commonly seen in _____.
 a) Gnetum b) Pinus c) Cycas d) All of these
4. Gymnosperm differs from Angiosperms due to presence of _____ mostly.
 a) Xylem Parenchyma b) Sieve tubes c) Trachieds d) Vessels
5. The common name of *Helianthus annus* is _____.
 a) Wheat b) Jowar c) Sunflower d) Groundnut
6. The botanical name of Neem is _____.
 a) *Acacia nilotica*
 b) *Tectona grandis*
 c) *Dalbergia Sissoo*
 d) *Azadirachta Indica*.

7. Jowar is a _____ crop.
e) Pulses b) Cereal c) both of these d) none of these
8. _____ state is the leading producer of coffee.
a) Maharashtra b) Karnataka c) Tamilnadu d) Gujarat
9. Botanical name of Turmeric is _____.
a) *Curcuma longa*
b) *Mangifera indica*
c) *Orgza Sativa*
d) *Phyllanthus emblica*
10. 'Yarn' is associated with _____.
a) Ground nut b) Cotton c) Sunflower d) Safflower