

Total No. of Printed Pages: 2

SUBJECT CODE NO: - BB-2524
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc (CBCGS) (Pattern 2022) S.Y SEM IV
Examination November / December 2025
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) Illustrate your answer with suitable labelled diagram

Q1 Explain silent features of Gymnosperms**10****OR**

Describe in brief

- a) Contribution of Birbal Sahani
- b) T.S. of Pinus needle

Q2 Give an account of cultivation and economic importance of sugarcane.**10****OR**

Describe in brief

- a) Economic importance of wheat
- b) Economic importance of Neem

Q3 Write short notes on (any two)**10**

- a) Male cone of Cycas
- b) Economic importance of Jute
- c) Use of Rose in perfume and cosmetic

**Q4 Multiple choice questions.****10**

- 1) The term Gymnosperm first used by _____
a) Aristotle b) Theophrastus c) Tansley d) Birbal Sahani
- 2) In Gymnosperm pollination is by _____
a) Wind b) water c) Animal d) All of the above
- 3) Corolloid roots are found in _____
a) Pinus b) Cycas c) Gnetum d) None of the above
- 4) In Pinus leaves are of two types _____
a) Prophylls and cataphylls b) Sheaths and cataphylls
c) Spurs and sheaths d) None of the above
- 5) Winged pollen grains are found in _____
a) Cycas b) Pinus c) Gnetum d) All of the above
- 6) Who is the father of Indian Palaeobotany?
a) Birbal Sahani b) Tansley c) Aristotal d) None of the above

- 7) Botanical name of sunflower
a) *Saccharum officinarum* b) *Helianthus annuus*
c) Both a and b d) None of the above
- 8) From which part of plant coffee is obtained
a) Leaves b) Bark c) Seeds d) Root
- 9) Botanical name of Ashwagandha is _____
a) *Withania somnifera* b) *Curcuma longa*
c) *Tecoma grandis* d) None of the above
- 10) The neem plant belongs to the family.
a) Asteraceae b) Poaceae c) Meliaceae d) Solanaceae

