

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2018
(Fifth Semester)

Branch- BOTANY

PLANT SYSTEMATICS & ECONOMIC BOTANY

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 2 = 20)

- 1 Define priority.
- 2 Define the term paratype.
- 3 Aggregate fruit.
- 4 Write the corolla arrangement of Leguminosae.
- 5 Name two binomials of economically important plants in Apocynaceae.
- 6 What is syngenesious anther?
- 7 Define the term hypanthodium.
- 8 What is labellum?
- 9 Give the binomials and common names of pulses you studies.
- 10 What is cereals? Give examples.

SECTION - B (25 Marks!)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a Briefly discuss the international code of botanical nomenclature.
OR
b Write a short notes on role of herbaria in modern taxonomic research.
- 12 a Bring out the general characteristic features of the family Annonaceae.
OR
b Comment upon the economic importance of Rutaceae.
- 13 a Explain the floral characters of Asteraceae.
OR
b Write critical notes on stamens modification in Asclepidaceae.
- 14 a Describe the general characteristic features of the family Liliaceae.
OR
b Give an account on the inflorescence of Euphorbiaceae.
- 15 a Comment on the cultivation, harvesting and processing of Coriandrum.
OR
b Write short notes on economic importance of red gram.

SECTION - C (30 Marks)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 Give an account on natural system of classification.
- 17 Describe the general characteristic features of the family Cucurbitaceae.
- 18 Give a general account and economic importance of Verbenaceae.
- 19 List out the economic importance of the family Poaceae.
- 20 Write an essay on cultivation, harvest and economic importance of clove