

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION MAY 2018
(First Semester)

Branch- **ZOOLOGY**

PLANT BIOLOGY -1

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10x2 = 20)

- 1 What are Gonidia?
- 2 Name the fungi which produces haustoria.
- 3 Name the causal organism of blight of paddy.
- 4 Mention the common name of Adiantum.
- 5 Name any two medicinal uses of Ph\ llanthus amarus.
- 6 Mention the active principle present in Vitex neguvdo.
- 7 Write any two economic uses of Leguminosae.
- 8 What is Hesperidium?
- 9 Write the binomial of any member of Asecaceae.
- 10 Mention the special character found in Asclepiadaceae.

SECTION - B (25 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5x5 = 25)

- 11 a Brief the asexual reproduction of Aspergillus.
OR
b Write short notes on Dictyota.
- 12 a Write an account on tikka leaf spot.
OR
b Brief the vegetative character and economic uses of cycas.
- 13 a What are organic pesticides? Explain briefly.
OR
b Write short notes on Cosmetics of plant origin.
- 14 a Brief the characteristic feature of Euphorbiaceae.
OR
b Write an account on brassicaceae characters.
- 15 a Write notes on Poaceae.
OR
b List out the economic importance of Rubiaceae member.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3x10 = 30)

- 16 Elaborate the life cycle of Oscillatoria.
- 17 Write an essay on Anthoceros.
- 18 What are the active principles? Elaborate the principles of any two plants that you have studied.
- 19 Bring out the characteristic feature of Annonaceae with suitable diagram.
- 20 Give a detailed on floral characters and economic uses of Acanthaceae.