

GURUDAS COLLEGE

B. Sc. SEMESTER III (Honours) Odd Semester Examination, 2021

Online Internal Assessment

Subject: BOTA

Subject Category: Honours

CORE COURSE-7

Course: BOT-A-CC-3-7-TH

Course Name: PLANT SYSTEMATICS

Date of Examination: 4th Jan, 2022

All questions carry equal marks

Full Marks – 10

Time – 30 minutes

Answer the following (Any 5) :

2X5=10

1. Binomial system of nomenclature for plants is effective from
 - a) 1.5.1753
 - b) 5.8.1758
 - c) 5.7.1758
 - d) 1.5.1573

2. The term 'taxonomy' was coined by
 - a) Linnaeus
 - b) A P De Candolle
 - c) Turill
 - d) Julian Huxley

3. Holotaxonomic phase of taxonomy includes
 - a. Exploratory phase
 - b. Experimental phase
 - c. Monograph preparation phase
 - d. Co-ordination of the above three phases.

4. Derived character in a plant body is called
 - a. Apomorphic
 - b. Plesiomorphic
 - c. Synapomorphic
 - d. Synplesiomorphic

5. A group of taxa composed only of a common ancestor and all of its lineal descendants is known as
 - a. Paraphyletic taxon
 - b. Polyphyletic taxon
 - c. Monophyletic taxon
 - d. Polyphyletic taxon.

6. Basal placentation is found in the family of
 - a. Asteraceae
 - b. Malvaceae
 - c. Rubiaceae
 - d. None of the above

7. Twisted aestivation of corolla is a diagnostic character of
 - a. Lamiaceae
 - b. Solanaceae
 - c. Malvaceae
 - d. Poaceae

8. Berry is usually found in the angiospermic family
 - a. Asteraceae
 - b. Leguminosae
 - c. Poaceae
 - d. Solanaceae

Instructions for submission of answer scripts

1. Write the front page/top sheet as per instruction.
2. Scan the pages in sequence and make a single PDF file.
3. Rename file as per instruction.
4. Email the PDF file within the stipulated time to the following
5. Email ID

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