

Time: One Hour

Max. Marks: 25

instruction

- solve any 25 questions.

- Artificial system of classification is-
(A)based on one or few easily observable characters (B)based on large number of characters (C)based on evolutionary characters (D)All of the above
- The system of classification given by Linnaeus is
(A)Natural system (B)Artificial system (C)Phylogenetic system (D)All of the above
- The book 'Species plantarum' was written by
(A)Engler & Prantl (B)Bessey (C)Linnaeus (D)Hutchinson.
- Naming of plants is called
(A)Classification (B)Nomenclature (C)Taxonomy (D)Cytology
- Cytotaxonomy is
(A)Use of cytological data in Taxonomy (B)Use of chemical data in Taxonomy (C)Use of large number of characters in Taxonomy (D)All the above
- Specific epithet should be written as
(A)First letter capital and double word (B)First letter small and double word (C)First letter capital and single word (D)First letter small and single word
- Botanical name should be in
(A)English (B)Roman (C)Latin (D)Hindi
- What is used for drying plant specimens
(A)Filter paper (B)Blotting paper (C)Parchment paper (D)Cellophane paper
- Quick referral systems in taxonomic studies are
(A)Botanical garden (B)Herbarium (C)Monograph (D)Manual
- According to binomial nomenclature, two words used for naming of plants are
(A)family and genus (B)species and family (C)class and family (D)genus and species
- What is used for poisoning of herbarium?
(A)HCl (B)H₂SO₄ (C)HgCl₂ (D)NaCl
- Which of the following embryological character can be used as character of taxonomic value
(A)Anther (B)Development and structure of the ovule (C)Megasporogenesis and development of the embryo sac (D)All of the above
- When two or more authors publish a new species, their names are linked using the epithet
(A)in (B)at (C)et (D)and
- The Acharya J. C. Bose Indian Botanic Garden is situated in
(A)Bengaluru (B)Lucknow (C)Mumbai (D)Kolkata
- Banham and Hooker's system includes----- no. of genera
(A)6975 (B)6579 (C)7569 (D)5679
- Fruit Etaerio of berries is found in
(A)Apocynaceae (B)Malvaceae (C)Annonaceae (D)Fabaceae
- Nerium indicum belongs to family.
(A)Fabaceae (B)Rubiaceae (C)Apocynaceae (D)Euphorbiaceae.
- Latex is present in the family.
(A)Fabaceae (B)Apocynaceae (C)Annonaceae (D)Acanthaceae.
- Trimerous flower is found in
(A)Annonaceae (B)Apocynaceae (C)Malvaceae (D)Acanthaceae.
- Epicalyx is characteristic of
(A)Annonaceae (B)Apocynaceae (C)Malvaceae (D)Acanthaceae
- Pulses belongs to
(A)Fabaceae (B)Liliaceae (C)Apocynaceae (D)Malvaceae
- Which of the following sub-family has zygomorphic corolla
(A)Fabaceae (B)Cesalpiniaceae (C)Mimosaceae (D)Solanaceae
- Monocarpellary superior ovary is found in
(A)Fabaceae (B)Cesalpiniaceae (C)Mimosaceae (D)All of the above
- Free ovaries are found in
(A)Fabaceae (B)Cesalpiniaceae (C)Mimosaceae (D)Apocynaceae
- Obliquely placed ovary is found in
(A)Lamiaceae (B)Solanaceae (C)Annonaceae (D)Apocynaceae

Examination October 2020

26 *Adhatoda vasica* belongs to

- (A) Acanthaceae (B) Solanaceae (C) Annonaceae (D) Apocynaceae

27 Gynobasic style is characteristic of

- (A) Acanthaceae (B) Solanaceae (C) Lamiaceae (D) Apocynaceae

28 Perianth not differentiated into calyx and corolla is characteristic of

- (A) Lamiaceae (B) Nyctaginaceae (C) Apocynaceae (D) Malvaceae

29 *Allium cepa* belongs to

- (A) Acanthaceae (B) Liliaceae (C) Annonaceae (D) Apocynaceae

30 The Acharya J. C. Bose Indian Botanic Garden is situated in

- (A) Bengaluru (B) Lucknow (C) Mumbai (D) Kolkata