B-2027

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SUBJECT CODE NO:- B-2027
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. S.Y. (Sem-III) Examination Oct/Nov 2019
Botany Paper-VII
Taxonomy of Angiosperms

[Time: 1:30 Hours]                                                                                                [Max.Marks:50]

Please check whether you have got the right question paper.
  i)     Attempt all questions.
  ii)    Illustrate your answer with suitable well labelled diagram.

Q.1    Comment on origin and evolution of Angiosperms.                                                      20
                                                OR
Describe in details Embryology and Anatomy used in taxonomy.

Q.2    Explain in detail family solanaceae upto floral formula and floral diagram. Add a note on       20
economic importance of few plants.
                                                OR

Write Short notes on any four:
  a)  Palynology
  b)  Species concept
  c)  Floral Structure of Liliaceae
  d)  Economic importance of Poaceae
  e)  Verticillaster inflorescence

Q.3    Multiple Choice Questions.                                                                          10

  1.  Ocimum sanctum belongs to family _____.
      a)  Liliaceae           b) Acanthaceae        c) Lamiaceae          d) None of these

  2.  Which of the following family does not belongs to polypetalac.
      a)  Malvaceae           b) Fabaceae           c) Caesalpinaceae     d) Solanaceae

  3.  Bilabiate type of corolla belongs to_____.
      a)  Acanthaceae         b) Solanaceae         c) Liliaceae          d) None of  these

  4.  Attachment of Ovale with ovary wall is called as_____
      a)  Aestivation         b) Placentation       c) Cohession          d) None of these

  5.  Pulses crop belongs to family_____.
      a)  Acanthaceae         b) Mimosaceae         c) Fabaceae           d)  Malvaceae

  6.  Mona delphous stamens belongs to family_____
      a)  Malvaceae           b) Fabaceae           c) Mimosaceae         d) All of these

  7.  _____ is known as father of Botany.
      a)  Aristotle           b) Linnaeus           c) Theophrastus       d) None of these

8. Saccharum officinarum is called as _____
   a) Cotton b) Sugarcane c) Jowar d) Maize

9. Bicarpellary ovary is commonly seen in _____.
   a) Solanaceae b) Malvaceae c) Fabaceae d) None of these

10. Cajanus cajan belongs to family.
   a) Fabaceae b) Caesalpinaceae c) Mimosaceae d) Annonaceae