

Reg. No.....

(2021 Scheme)

Max. Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

(20x1=20)

i. The word Ethnobotany was first coined by

- a) W. Harshberger b) Richard Evans schultes
c) Dr. S .K. Jain d) Theophrastus

ii. In the diagram of types of placentation given below A, B, C and D respectively represent



- a) Basal, axile, parietal and free-central
b) Free-central, parietal, basal and axile
c) Axile, basal, parietal and free-central
d) Parietal, axile, free-central and basal

iii. Presence of androphore and gynophore is a common Characters in the family

- a) Annonaceae b) caesalpiniaceae c) Capparidaceae d) Mimosaceae

iv. Which type of root existing in *Terminalia arjuna*

- a) Buttress root b) Epiphytic root c) Climbing root d) Stilt root

v. Obligately placed superior ovary is the characteristic of

- a) Fabaceae b) Brassicaceae c) Solanaceae d) Compositae

vi. Compositae is characterized by which of the following inflorescences

- a) Hypanthodium b) Capitulum c) Iodicule d) Perianth

vii. Stems having bicollateral vascular bundles & flowers with Syngenesious anthers are found in

- a) Solanaceae b) Asclepiadaceae c) Cucurbitaceae d) Asteraceae

viii. *Allium cepa* belongs to the family

- a) Solanaceae b) Liliaceae c) Cruciferae d) Compositae

ix. What is the function of pith in the dicot stem

- a) Mechanical support b) transport of organic compounds
c) Storage food reserves d) Gas exchange

x. The root apical meristem is located

- a) In the endodermis
b) At the tip of the root
c) In the Cortex
d) In the Pericycle

xi. Plants grow in saline water is

- a) Lithophytes b) Halophytes c) Mesophytes d) Xerophytes

(PTO)
