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AR-2018

B.Sc (Ag)

2nd SEMESTER REGULAR EXAMINATIONS, SEPT/OCT 2019-20

AC-122

PRODUCTION TECHNOLOGY FOR FRUIT AND PLANTATION CROPS

Time : 2 Hours

Maximum : 50 Marks

(Answer **all** questions of Section – A)

SECTION – A

[0.5×10=5]

Q.1 Fill up the blanks with suitable meaningful word (s):

- a. Grape is commercially propagated by method.
- b. Denavelling is followed in crop.
- c. Tapping in Rubber is generally preferred during..... period of the day.
- d. Pink berry is a physiological disorder of crop.
- e. variety of mango is susceptible to spongy tissue.
- f. Amrapalli is a variety of crop.
- g. Tioga is a variety of crop.
- h. Bud wood indexing is a method to get free plant.
- i. Tea mosquito bug is a major pest in crop.
- j. Sreemangala is a variety of crop.

Q.2. Define or Explain the following in one or two sentences:

[5×1=5]

- a) Desuckering
- b) Bower system
- c) Alternate bearing
- d) CNSL
- e) CTC

Q.3. Match the following

[10×0.5= 5]

- | A | B |
|-----------------------|----------------------|
| a) Citrus | I. Aril |
| b) Aonla | II. Etario of achnes |
| c) Strawberry | III. Polyembryony |
| d) Litchi | IV. Vitamin c |
| e) Bael | V. Amphisarca |
| f) Guava | VI. Guava |
| g) Coconut | VII. Psoriasis |
| h) Jackfruit | VIII. Citrus |
| i) Meadow orcharding | IX. Cotyledon |
| j) Tanaka and swingle | X. Berry |



Q.4. Write TRUE or FALSE against the following statements.

[10×0.5=5]

- a. Desuckering is followed in Banana.
- b. Papaya belongs to family Caricaceae.
- c. Scientific name of Mango is *Mangifera indica*.
- d. Lucknow- 49 is a variety of Grape.
- e. Amrapalli is a dwarfing variety of Guava.
- f. Tea is propagated through layering.
- g. Laksha Ganga is a variety of coconut.
- h. Rubber belongs to family Euphorbiaceae.
- i. Origin of Cashew is china.
- j. Cherry coffee is prepared by dry processing method.

SECTION – B

(Attempt any **five** questions. Each question carries equal marks)

[5 x 6 =30]

- Q.5 Write down details of cause, symptoms and control measures alternate bearing, spongy tissue, black tip, vegetative malformation and floral malformation in mango.
- Q.6 Write down five varieties of grapes. Describe about five physiological disorders of grapes with their cause, symptoms and control measures. Discuss about the training and pruning system of grapes with clear diagram
- Q.7 Write down the soil, climatic requirement, varieties, fertilizer requirement, intercultural operations, plant protection measures of guava
- Q.8 List out with parentage the intergeneric and interspecific hybrids of citrus.
- Q.9 Write down the soil, climatic requirement, varieties, fertilizer requirement, intercultural operations, plant protection measures and processing of cashewnut.
- Q.10 Write down the soil, climatic requirement, varieties, fertilizer requirement, intercultural operations, plant protection measures of coconut.

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