SLR-DK-176

Seat No.	

Set P

B.Sc. (Semester - V) (New) (CBCS) Examination Oct/Nov-2019
Botany (Special Paper – XII)
NURSERY AND GARDENING

Day & Date: Friday, 11-10-2019 Max. Marks: 70
Time: 11:30 AM To 02:00 PM

Instructions: 1) All questions are compulsory.
2) Figures to the right indicate full marks.
3) Neat diagrams must be drawn wherever necessary.

Q.1 Fill in the blanks by choosing correct alternatives given below. 14

1) The sole purpose of all nurseries is to provide young plant or sampling to _____.
   a) garden b) Farm
   c) agriculture d) all of these

2) A nursery plant centre offers its customers all types of young plants that are _____.
   a) local b) Imported
   c) exotic d) all of these

3) Some of the fruit trees survive and produce fruits for about _____ years.
   a) 100 b) 200
   c) 300 d) 400

4) The name gymnosperm mean _____ a reference to the absence of an ovary.
   a) enclose seed b) naked seed
   c) both a and b d) none of these

5) The seed is covered by _____ distinct seed coats.
   a) four b) Three
   c) two d) One

6) The most of the common monocotyledonous seeds are _____.
   a) exalbuminous b) Albuminous
   c) both a and b d) none of these

7) Certain chemicals are used for breaking of seed dormancy _____.
   a) potassium b) Nitrate
   c) thiourea d) all of these

8) The seed bank at Berry Botanical Garden in _____.
   a) U.S.A b) Africa
   c) Australia d) Asia

9) There are different factors affect the viability of seed are _____.
   a) mechanical damage b) Deterioration
   c) moisture content d) all of these

10) Genetic erosion in agricultural and livestock is the loss of _____ genetic diversity.
   a) biological b) Chemical
   c) mechanical d) Physical

11) T or shield budding is widely useful method for fruits plants like _____.
a) citrus b) Guava
c) pear d) all of these

12) Gardening is a human activity used to produce _____ food.
a) edible b) non-edible
c) both a and b d) none of these

13) The gardening is divided into _____ types.
a) one b) Two
c) three d) Four

14) In agriculture and gardening _____ is the technique of moving plant from one location to another.
a) transplanting b) Replanting
c) both a and b d) none of these

Q.2 A) Answer the following questions. (Any Four) **08**
1) Define nursery.
2) What is seed dormancy?
3) Define vegetative propagation.
4) What is gardening?
5) Define sowing.

B) Write shot notes (Any Two) **06**
1) Write the general character of sowing.
2) Explain the raising of seedlings.
3) Give the general character of vegetative propagation.

Q.3 A) Answer the following questions. (Any two) **08**
1) Explain the scope of nursery.
2) Describe the structure of seed.
3) Write the general character of seed certification.

B) Answer the following questions. (Any One) **06**
1) Explain the landscape gardening.
2) Describe the stem cutting (soft wood stem cutting) studied by you.

Q.4 A) Answer the following questions. (Any Two) **10**
1) Explain the objective of gardening.
2) Describe the simple and air layering.
3) Write on seed bank studied by you.

B) Answer the following questions. (Any One) **04**
1) Explain the cultivation of cabbage with respect to soil preparation, harvest and yield.
2) Give the objective of nursery.

Q.5 Answer the following questions. (Any two) **14**
1) Explain the home gardening studied by you.
2) Describe the cultivation methods of brinjal.
3) Give the cultivation methods of onion.