

S.No: PU84284

16PBG101

SECTION - C

Answer any FIVE Questions

5 x 2 = 10

1. Uses of Sugarcane
2. Write short notes on Retting of Jute
3. Illustrate the genetic relationship of (U triangle) of oilseed Brassica by Nagaharu U (1935)
4. Differentiate Desi and Kabuli types of Bengal gram
5. Pod development in Ground nut with diagram
6. Utilization of Soybean

SECTION - D

Answer any THREE Questions

3 x 5 = 15

1. What are the characteristics features of Poaceae family? Write utilization of any two crops
 2. Topping for coconut toddy and uses of coconut
 3. Agricultural classification of crops
 4. List out the legume forages with botanical name and their uses
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S.No: PU84269

16CRP101

4. What is Carbon sequestration?
5. What is growth inhibitor? Give an example
6. What is photolysis of water?

SECTION - C

Answer any FIVE Questions

5 x 2 = 10

1. Enumerate the Role of water in plants
2. Define Foliar nutrition and its advantages
3. Write short notes on non-cyclic photophosphorylation (Z scheme)
4. Bring out the physiological effects of auxin
5. Differentiate short day and long day plants
6. Write an account effect of salt stress on plant growth and yield

SECTION - D

Answer any THREE Questions

3 x 5 = 15

1. Define Transpiration and Explain the factors affecting rate of transpiration in plants
 2. Describe the sequences of reactions of Krebs cycle
 3. Define Photosynthesis. Elucidate the external and internal factors affecting photosynthesis
 4. Write an account on cytokinin, ethylene and abscisic acid with their physiological effects
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