

Subject- Botany

Course - UG - H - BOT - CC - T - 11

Part - 1

F.M. - 10

A) Answer any five of the following → 2×5=10

- 1) what is guttation ?
- 2) what do you mean by florigen ?
- 3) what is abscission layer ?
- 4) what is stratification ?
- 5) what is the role of auxins in plants ?
- 6) How does ABA regulate stomatal behaviour ?
- 7) Define Aquaporins.

Course - UG - H - BOT - CC - T - 12

Part - 2

F.M - 10

A) Answer any five of the following → 2×5=10

- 1) what do you mean by substrate level phosphorylation ?
- 2) what is gluconeogenesis ?
- 3) Mention the differences between photorespiration and respiration.
- 4) what is transamination ?
- 5) what is CAM ?
- 6) what do you mean by Hill reaction ?
- 7) what do you mean by β -oxidation of fatty acids ?

KANDI RAJ COLLEGE

B.Sc. (Hons) Internal Examination 2020

Subject - Botany; SEM - 5th.

A. Course: UG-H-BOT-DSE-T-01

F.M. 10

(Answer any five questions of the following):

1. What is Bio-indicator?
 2. Differences between Potable and Polluted water.
 3. Define BOD and COD.
 4. What is Fermentation medium.
 5. Name two amylase producing microorganisms.
 6. Write applications of microorganism of Bio-gas.
 7. What is aerobic and anaerobic fermentations.
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B. Course: UG-H-BOT-DSE-02-T

(Answer any five)

F.M. 10

1. What is called Plant Acclimatization?
 2. What are the main objectives of Plant breeding?
 3. What is Gametogenesis?
 4. Define mode and median.
 5. What is Null Hypothesis?
 6. What is standard deviation?
 7. Write the formula of Chi-square test.
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