

**T.Y.B.SC. SEM – VI (2014 COURSE) : SUMMER - 2018**

**SUBJECT : BOTANY : INDUSTRIAL BOTANY – II**

Day : **Friday**  
Date : **20/04/2018**

**S-2018-0784**

Time : **12.00 NOON TO 02.00 PM**  
Max. Marks : 40

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labeled diagram **WHEREVER** necessary.
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**Q.1** Attempt **ANY TWO** of the following: [10]

- a) Give applications of plant tissue culture.
- b) Explain process of fermentation.
- c) What is greenhouse technology? Explain in detail.

**Q.2** Attempt **ANY TWO** of the following: [10]

- a) Explain hybridoma technology.
- b) Give in brief account of petrocrops.
- c) Explain concept of bioplastic.

**Q.3** Attempt **ANY TWO** of the following: [10]

- a) Explain different types of Biogas plants.
- b) Give different types of biofertilizers with suitable example.
- c) Explain somatic embryogenesis.

**Q.4** Attempt **ANY FIVE** of the following: [10]

- a) Give the list of plants used in pollution control.
- b) Give the merits of Biogas.
- c) Explain in brief oil spills.
- d) Write a short note on totipotency.
- e) Enlist types of bioreactors.
- f) Comment on patent.
- g) Give types of biofuels.

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