

F.Y.B.SC. SEM – II (2014 COURSE) : SUMMER - 2018

SUBJECT : BOTANY : INDUSTRIAL BOTANY

Day : **Monday**
Date : **23/04/2018**

S-2018-0698

Time : **03.00 PM TO 05.00 PM**
Max. Marks : 40

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
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Q.1 Attempt **ANY TWO** of the following: **[10]**

- a) Explain the scope and importance of Industrial botany.
- b) Comment on the advantages of bioenergy.
- c) Explain plant propagation by tissue culture method.

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

- a) Explain in detail biofertilizers.
- b) Give an account on uses of mushrooms.
- c) Give in detail the harvesting and limiting factors of *Spirulina*.

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

- a) Comment on the advantages of non-conventional foods.
- b) Explain the benefits of biopesticides.
- c) Comment on use of *Rhizobium* in agriculture.

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

- a) What are pheromones?
- b) What is hardening in tissue culture?
- c) What are fungicides?
- d) What is GMO?
- e) What is energy plantation?
- f) Enlist the non-poisonous mushroom.
- g) What is IPM?

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