

F.Y.B.SC. SEM – II (2014 COURSE) : WINTER - 2017

SUBJECT : BOTANY : INDUSTRIAL BOTANY

Day : Friday
Date : 03/11/2017

W-2017-0606

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) Give the advantages and need of non-conventional foods.
- b) Explain plant propagation by tissue culture method.
- c) Give the food value of edible mushrooms.

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

- a) Give the advantages of biofertilizers in agriculture.
- b) Comment on the utilization industrial waste for bioenergy product.
- c) Give the cultivation method of *pleurotus*.

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

- a) Comment on N₂ fixing blue green algae.
- b) Explain *Spirulina* cultivation method.
- c) What is energy plantation? Add a note on its scope and importance.

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

- a) Enlist the plant based chemical products.
- b) Give the examples of N₂ fixing bacteria.
- c) What is Indiarra biopesticide?
- d) What is GMO?
- e) What is Spawn?
- f) What is IPM?
- g) What is plant propagation?

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