

2019/TDC/ODD/SEM/ BOTHCC-302T/126

TDC (CBCS) Odd Semester Exam., 2019

BOTANY

(3rd Semester)

Course No.: BOTHCC-302T

(Economic Botany)

Full Marks: 50
Pass Marks: 20

Time: 3 hours

The figures in the margin indicate full marks for the questions

UNIT-I

1. Write short notes on any two of the following:

 $2 \times 2 = 4$

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- (a) Importance of germplasm diversity
- (b) Domestication of plants
- (c) Secondary centre of origin of plant

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(Turn Over)



(3)

2. (a) What do you mean by 'centre of origin?

Describe the various centres of origin with reference to Vavilov's work.

1+5=6

Or

(b) What is plant introduction? Describe the different steps of plant introduction. 1+5=6

UNIT-II

3. Write short notes on any two of the following:

2×2=4

- (a) Origin of rice plant
- (b) Economic importance of black pepper
- (c) Uses of pigeon pea
- 4. (a) Discuss the morphology, processing and uses of wheat. 2+3+1=6

Or

(b) Give a brief account of the millets found in India.

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UNIT-III

5. Write short notes on any two of the following:

2×2=4

(a) Products and by-products of sugarcane industry

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- (b) Morphology and uses of potato
- (c) Processing of coffee
- 6. (a) Describe the morphology, methods of manufacturing process and uses of tea.

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(b) Describe the morphology and processing in sugarcane. 2+4=6

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UNIT-IV

7. Write short notes on any two of the following:

2x2=4

(a) Botanical name, family and uses of soya bean

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- (b) Uses of mustard oil and coconut oil
- (c) Essential oils
- 8. (a) Write a note on the morphology, extraction and uses of jute. 2+3+1=6

Or

(b) Write a note on the morphology, extraction and uses of cotton. 2+3+1=6

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- 9. Write short notes on any two of the following: $2 \times 2 = 4$
 - (a) Therapeutic uses of Cinchona
 - (b) Health hazards of Cannabis
 - (c) Botanical names and families of Teak
- 10. (a) Discuss tapping, processing and uses of para-rubber. 2+2+2=6

Or

(b) Discuss the processing, uses and potential health hazards of tobacco. 2+2+2=6

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extraction and uses of cotton. 2+3+1=6

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