

Seat Number

--	--	--	--	--	--

Nov-2015



कात - 022

BOTANY PAPER - II : BOT-122
Economic Botany
(12146)

P. Pages : 3

Time : Two Hours

Max. Marks : 40

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. Draw neat diagrams wherever necessary.
5. Figures to the right indicate full marks.
6. All questions are compulsory.

1. Solve any Eight.

8

i) Commercial tea is obtained from.....of tea plant.

- | | |
|----------|------------------|
| a) Roots | b) Tender leaves |
| c) Seeds | d) Stem |

ii) The common name of Terminalia bellerica is

- | | |
|----------|------------|
| a) Hirda | b) Beheda |
| c) Amla | d) Korphad |

iii) Cane sugar is obtained from

- | | |
|---------------------|---------------------|
| a) <u>Gossipium</u> | b) <u>Saccharum</u> |
| c) <u>Oscimum</u> | d) Opium |

iv) Cereals are important source of

- | | |
|-------------|-----------------|
| a) Fats | b) Carbohydrate |
| c) Proteins | d) Amino acids |

v) Textile fibre is obtained from.....

- | | |
|---------------------|----------|
| a) Coconut | b) cocoa |
| c) <u>Gossipium</u> | d) Agave |

कात - 022

1

P.T.O

vi) Biodiesel yielding plant is

- | | |
|--------------------|-----------------|
| a) Groundnut | b) coconut |
| c) <u>Jatropha</u> | d) <u>Hevea</u> |

vii) Para Rubber is obtained from.....

- | | |
|----------------------|-------------------|
| a) <u>Hevea</u> | b) <u>Ficus</u> |
| c) <u>Calotropis</u> | d) <u>Manihot</u> |

viii) Which of the following is disaccharide?

- | | |
|------------|-------------|
| a) Glucose | b) Fructose |
| c) Sucrose | d) Mannose |

ix) Botanical source of Black pepper is

- | | |
|----------------------------|------------------------------|
| a) <u>Musa paradisiaca</u> | b) <u>Piper nigrum</u> |
| c) <u>Curcuma longa</u> | d) <u>Terminalia chebula</u> |

x) Following part of Amla has a medicinal value.....

- | | |
|-----------|-----------|
| a) Seeds | b) Leaves |
| c) Fruits | d) Stem. |

2. Solve any four.

8

i) Give active principles of Beheda.

ii) What is biogas?

iii) Define beverages.

iv) What is industrial revolution?

v) What are cereals?

vi) Define economic botany.

3. Attempt any Two.

8

i) Give the process of manufacture of paper from pulp.

ii) Give active principles and uses of turmeric.

iii) What are essential oils? Describe the process of extraction of Eucalyptus oil.

4. a) Solve any two.

6

i) Give botanical source and uses of neem.

ii) Describe importance of pulses in diet.

iii) Write a note on green revolution in India.

b) Give the active principles of coffee.

2

5. Give the process of manufacture of para rubber.

8

OR

Mention the botanical source, characteristics and uses of coir.
