

Write the following information in the first page of Answer Script before starting answer

**ODD SEMESTER EXAMINATION: 2020-21**

Exam ID Number \_\_\_\_\_

Course \_\_\_\_\_ Semester \_\_\_\_\_

Paper Code \_\_\_\_\_ Paper Title \_\_\_\_\_

Type of Exam: \_\_\_\_\_ (Regular/Back/Improvement)

**Important Instruction for students:**

1. Student should write objective and descriptive answer on plain white paper.
2. Give page number in each page starting from 1<sup>st</sup> page.
3. After completion of examination, Scan all pages, convert into a single PDF, rename the file with Class Roll No. (2019MBA15) and upload to the Google classroom as attachment.
4. Exam timing from 10am – 1pm (for morning shift).
5. Question Paper will be uploaded before 10 mins from the schedule time.
6. Additional 20 mins time will be given for scanning and uploading the single PDF file.
7. Student will be marked as ABSENT if failed to upload the PDF answer script due to any reason.

**B.Sc. BOTANY**  
**FIFTH SEMESTER**  
**ECONOMIC BOTANY**  
**BSB - 502**

Duration : 3 hrs.

Full Marks : 70

( PART-A: Objective )

Time : 20 min.

Marks : 20

**Choose the correct answer from the following:**

**1X20=20**

1. The original home of Rice is
  - a. South-East Asia
  - b. Mediterranean
  - c. Europe
  - d. China
2. Identify the timber yielding plant
  - a. *Shorea robusta*
  - b. *Tactona grandis*
  - c. *Corchorus olitorius*
  - d. *Hevea brailensis*
3. One of the following is a source of fiber
  - a. *Gossipium hirsutum*
  - b. *Michelia champaca*
  - c. *Tectona grandis*
  - d. *Cedrus depdara*
4. Wheat belongs to family
  - a. Gramineae
  - b. Crucifereae
  - c. Solanacae
  - d. Leguminosae
5. Identify the medicinal plant
  - a. *Hevea brailensis*
  - b. *Tactona grandis*
  - c. *Azadirachta indica*
  - d. None of these
6. Name the fiber that is extracted from jute plant
  - a. Surface fiber
  - b. Bast fiber
  - c. Seed fiber
  - d. All of these
7. Name the fiber that is extracted from jute plant
  - a. Surface fiber
  - b. Bast fiber
  - c. Seed fiber
  - d. None of these
8. *Camelia sinensis* is the scientific name of which plant
  - a. Jute
  - b. Tea
  - c. Cotton
  - d. Neem
9. *Gingiber officinalis* is the scientific name of which plant
  - a. Ginger
  - b. Onion
  - c. Garlic
  - d. Turmeric
10. One of the following is a plant of great medicinal value
  - a. *Solanum torvum*
  - b. *Lycopersicon esculentum*
  - c. *Ocimum basilicum*
  - d. *Coffea arabica*

11. Oolong Tea is
- a. Mixture of Green and Black tea
  - b. The leaves are greenish brown
  - c. Partial oxidation takes place
  - d. All of the mentioned
12. Which of the following is not a step in Black tea manufacture
- a. Drying
  - b. Rolling
  - c. Lump formation
  - d. Withering
13. The queen of “spices”
- a. Turmeric
  - b. Turmeric
  - c. Saffron
  - d. Cardamom
14. Rice is the principal cereal of
- a. Tropics
  - b. Temperate Region
  - c. South Pole
  - d. Arctic Zones
15. Food grains which provide the most important staple food to man are
- a. Cereals
  - b. Legumes
  - c. Oil seed
  - d. Mistletoe
16. Richest source of carbohydrate is
- a. Barley
  - b. Maize
  - c. Wheat
  - d. Rice
17. Botanical name of Wheat is
- a. *Pennisetum typhoides*
  - b. *Triticum aestivum*
  - c. *Aloe vera*
  - d. *Zea mays*
18. Paddy is
- a. Rice grain with husk
  - b. Rice grain without husk
  - c. Rice straw
  - d. All of these
19. The famous cultivated plant which developed in China is
- a. Coffee
  - b. Orange
  - c. Cotton
  - d. Tea
20. Coir of commerce comes from which part of coconut
- a. Seed coat
  - b. Epicarp
  - c. Mesocarp
  - d. Endocarp
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**(PART-B : Descriptive)**

Time : 2hr 40mins

Marks : 50

**[ Answer question no.1 & any four (4) from the rest ]**

1. Write scientific name of sugarcane. Mention its families. Describe the method of sugar processing. 2+2+6=10
2. Write about spice yielding plants citing two examples. 5+5=10
3. Describe about products and by-products of sugar industry. 10
4. Write scientific name, family, characteristics and medicinal uses of *Tecona grandis* and *Azadiracta indica*. 5+5=10
5. Write about origin of cultivated plants. 10
6. Write briefly about two medicinal plants. 5+5=10
7. Define spice. Illustrate different types of spices used in North East. 2+8=10
8. Write short notes on 5+5=10
  - a) Concept of Centre of origin
  - b) Plant introduction

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