

**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.

**MA RURAL DEVELOPMENT  
THIRD SEMESTER  
INTRODUCTION TO CROP PRODUCTION  
MRD-302**

**Duration : 3 hrs.**

**Full Marks : 70**

**( PART-A : Objective )**

**Time : 20 min.**

**Marks : 20**

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

***1X20=20***

1. Agronomy is the branch of Agricultural Science which deals with the principles and practices of.....
  - a. Crop production
  - b. Fish production
  - c. Animal production
  - d. Silk production
2. The word Agronomy consists of two..... words.
  - a. Spanish
  - b. Greek
  - c. Italian
  - d. Roman
3. Agronomy treats the principle and practices of:
  - a. Crop, Soil and Water management
  - b. Crop and Soil management
  - c. Soil and Water management
  - d. Crop and Water management
4. Agros means:
  - a. To manage
  - b. Soil
  - c. Field
  - d. None of the above
5. For Paddy cultivation..... soil is required.
  - a. Sandy Loam
  - b. Silty loam
  - c. Light Loam
  - d. Clay Loam
6. Maize Crop is originated in:
  - a. USA
  - b. Mexico
  - c. Africa
  - d. Japan
7. ....is the father of Tillage.
  - a. Jethrotull
  - b. S A Knapp
  - c. Albert Howard
  - d. M S Swaminathan
8. ....is the good physical condition of soil after tillage in relation to plant growth.
  - a. Tilian
  - b. Teolian
  - c. Tilth
  - d. Teolin
9. SRI known as:
  - a. System of Rice Intensification
  - b. System of Rice Identification
  - c. System of Rice Inculcation
  - d. System of Rice Inoculation
10. ....is a method of multiple cropping where one crop is seeded into standing second crop well before harvesting of second crop.
  - a. Mixed cropping
  - b. Inter cropping
  - c. Multiple cropping
  - d. Relay cropping

11. In agriculture, .....is the practice of growing two or more crops in the same piece of land during one growing season instead of just one crop.
- a. Relay Cropping
  - b. Crop protection
  - c. Multiple cropping
  - d. Mono Cropping
12. ....involves growing more than one crop simultaneously without any distinct row arrangement.
- a. Mixed intercropping
  - b. Repay intercropping
  - c. Strip intercropping
  - d. Row intercropping
13. An algae named .....is present in the leaves of Azolla.
- a. Anabena azoll
  - b. Anaben azollae
  - c. Anabena zoll
  - d. Anabena azollae
14. IFOAM stands for:
- a. International Federation of Organic Agriculture Movement
  - b. Interstate Federation of Organic Agriculture Movement
  - c. International Federation of Organic Agriculture Mission
  - d. Interstate Federation of Organic Agriculture Mission
15. National Program for Organic Production (NPOP) was launched in:
- a. 1995
  - b. 1998
  - c. 2000
  - d. 2005
16. NDOCERT stands for:
- a. International Organic Certification Agency
  - b. Indian Organic Certification Agency
  - c. Italian Organic Certification Agency
  - d. Indian Organic Certification Authority
17. KVK is:
- a. Krishi Vikas Kendra
  - b. Krishi Vigyan Kendra
  - c. Kishan Vigyan Kendra
  - d. Kishan Vikas Kendra
18. ATMA is:
- a. Agricultural Technology Management Agency
  - b. Agricultural Transformation Management Agency
  - c. Agricultural Technology Mission Agency
  - d. Agricultural Technology Management Authority
19. SAMETI stands for:
- a. State Agriculture Management & Extension Training Institute
  - b. State Agriculture Mission & Extension Training Institute
  - c. State Agriculture Management & Empowerment Training Institute
  - d. State Agriculture Management & Extension Teaching Institute
20. MANAGE is:
- a. National Institute of Agricultural Extension Mission
  - b. Nodal Institute of Agricultural Extension Management
  - c. National Institute of Agricultural Extension Management
  - d. Nodal Institute of Agricultural Extension Mission

**( PART-B : Descriptive )**

**Time : 2 hrs. 40 min.**

**Marks : 50**

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

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|----|---|----------|
| 1. | a. Give an account on SRI.  | 6+4=10   |
|    | b. What are the differences between Conventional paddy Cultivation and SRI. |          |
| 2. | a. What is Crop?  | 2+8=10   |
|    | b. Classify Crop based in season.   |          |
| 3. | a. Define Tillage.  | 2+4+4=10 |
|    | b. Types of Tillage – Explain.  |          |
|    | c. What are the Agricultural implements used for Tillage operation?         |          |
| 4. | a. What is Azolla?  | 2+2+6=10 |
|    | b. What is the importance of Azolla?  |          |
|    | c. What are the steps are taken to fill up the Azolla tanks?                |          |
| 5. | a. What is Organic farming?   | 4+4+2=10 |
|    | b. What are the advantages of Organic Farming?                              |          |
|    | c. Organic animal husbandry- Explain.                                       |          |
| 6. | a. Define Farming.  | 2+3+5=10 |
|    | b. What are the characteristics of farming in Rural India?                  |          |
|    | c. Give an account on Cooperative Farming.                                  |          |
| 7. | a. What are the basic principles of Agronomy?                               | 4+4+2=10 |
|    | b. What are the objectives of Tillage?                                      |          |
|    | c. Define Minimum Tillage.  |          |
| 8. | a. Classify crops based on serving special purposes.                        | 6+4=10   |
|    | b. Classify crops according to Botany or Taxonomy.                          |          |

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