

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 1st 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
LAND RESOURCE MANAGEMENT
MRD-303 B**

Duration : 3 hrs.

Full Marks : 70

(PART-A : Objective)

Time : 20 min.

Marks : 20

Choose the correct answer from the following:

1X20=20

1. Black soil is also called:
 - a. Bangar
 - b. Regur
 - c. Khadar
 - d. Humus
2. The proportion of sand, silt and clay in a soil sample determines:
 - a. Structure
 - b. Texture
 - c. Nutrient potential
 - d. Fertility level
3. What is the reason for the red colour of the red soil?
 - a. Phosphoric Acid
 - b. Iron
 - c. Humus
 - d. Nitrogen
4. The soil which is a mixture of sand, clay and silt is known as.....
 - a. Loamy soil
 - b. Sandy Soil
 - c. Clay Soil
 - d. Desert Soil
5.is the use of land for different purposes like agriculture, forestry, construction of buildings, houses, industries and road.
 - a. Land Use
 - b. Land Degradation
 - c. Landfilling
 - d. Land Digging
6. Terracing is an effective method of soil conservation:
 - a. Plain areas
 - b. Hilly areas
 - c. Desert areas
 - d. Riverine areas
7. Which is the main causative factor for desertification?
 - a. Tourism
 - b. Overgrazing
 - c. Irrigated agriculture
 - d. Developmental activities
8. Sheet erosion is caused by:
 - a. Wind
 - b. Glaciers
 - c. Heavy rains
 - d. All of these
9. The most important reason for decrease in biodiversity is:
 - a. Habitat pollution
 - b. Introduction of exotic species
 - c. Over-exploitation
 - d. Habitat destruction
10. Major causes of extinction of different species includes:
 - a. Habitat loss and over-hunting
 - b. Climate change and pollution
 - c. Deforestation
 - d. All of above

11. _____ is an example of an ex-situ conservation.
- a. Sacred groves
 - b. Wildlife sanctuary
 - c. Seed bank
 - d. National park
12. _____ is one of the most prevalent hotspots of biodiversity in India.
- a. Himalayas
 - b. Western Ghats
 - c. Ganges
 - d. None of the above
13. What is called for an area surrounding a body of water in which that body of water is subject?
- a. Rainwater Harvesting
 - b. Watershed
 - c. None of the above
 - d. None of the above
14. The Earth Summit was held in Rio de Janeiro in:
- a. 1987
 - b. 1990
 - c. 1992
 - d. 2002
15. What was the Agenda 21?
- a. A "blueprint" for sustainable development
 - b. 21 other smaller agreements
 - c. Countryside Access
 - d. All of the above
16. Which of the following UN commission is responsible for reviewing progress in the implementation of Agenda 21 and the Rio Declaration on Environment and Development?
- a. United Nation Disarmament Commission
 - b. United Nations Statistical Commission
 - c. United Nations Commission on Sustainable Development (CSD)
 - d. United Nations Commission on Human Rights
17. Social, economical and ecological equity is the necessary condition for achieving:
- a. Social development
 - b. Sustainable development
 - c. Socio-economic development
 - d. Ecological development
18. How many sections are there in Agenda – 21?
- a. 2
 - b. 3
 - c. 4
 - d. 5
19. The United Nations Commission on Sustainable Development (CSD) was established by the UN General Assembly in December.....
- a. 1992
 - b. 1993
 - c. 1994
 - d. 1995
20. In the word "CPR", C stands for:
- a. Conference
 - b. Common
 - c. Confederation
 - d. Community

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(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) Define Land. | 2 |
| b) Explain types of soil found in India. | 8 |
| 2. a) Classify Land area. | 5 |
| b) Write three physical and three human factors which determine the use of land. | 5 |
| 3. What is soil erosion? Write the main causes of soil erosion. Write four methods of soil conservation. | 2+3+5=10 |
| 4. a) Distinguish between Sandy and Silty soils, stating five points of distinction. | 5 |
| b) Define Clay and Loam Soil. | 2.5+2.5=5 |
| 5. What does "IPM" stand for? What is the definition of IPM? What are the alternative controls Methods available? | 1+4+5=10 |
| 6. Write short notes on: (<i>any two</i>) | 5+5=10 |
| a) Earth Summit | |
| b) Rio+20 Summit | |
| c) Watershed Development Programme . | |
| d) Ex situ and In situ Conservation. | |
| 7. Mention the five pillars of Sustainable Land Management. Write the benefits of SLM. | 5+5=10 |
| 8. Define CPR. Why is the issue of sustainability relevant for development? | 5+5=10 |

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