

**MA RURAL DEVELOPMENT**  
**Third Semester**  
**LAND MANAGEMENT FOR RURAL DEVELOPMENT**  
**(MRD - 303)**

**Duration: 3Hrs.**

**Full Marks: 70**

Part-A (Objective) =20  
Part-B (Descriptive) =50

**(PART-B: Descriptive)**

**Duration: 2 hrs. 40 mins.**

**Marks: 50**

**Answer any four from Question no. 2 to 8**  
**Question no. 1 is compulsory.**

1. What is land use pattern? What are the factors responsible for changes in land use pattern? (2+8=10)
2. Define IPM. What are the Components of an IPM Programme? Explain the six important steps in IPM Programme. (2+2+6=10)
3. What is Soil? What are the components of soil? What are the functions of soil? (2+2+6=10)
4. What is Watershed? What is Watershed management? What are the objectives of Watershed management? Define forest Bio-diversity. (2+2+4+2=10)
5. Explain the watershed development and watershed development programme. What are the components of watershed development programme? What are the objectives of watershed development programme? (4+2+4=10)
6. Write short note on: Earth summit 1992. (10)
7. Define Soil Erosion. What are the causes of Soil Erosion? What is ecological Balance? (2+6+2=10)
8. Explain Bio-diversity. Define Agricultural Bio- diversity. Give an account of economic benefits of Bio- diversity. (2+2+6=10)

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**Duration: 20 minutes**

**Marks – 20**

**(PART A - Objective Type)**

**I. Answer the following:**

**1×20=20**

1. Bio- diversity coined in the year  
a. 1980      b. 1985      c. 1990      d. 1995
2. Bio-diversity comes from.....diversity.
3. IPM has been used in .....
4. IPM has been used since the  
a. 1960s      b. 1970      c. 1975      d. 1980
5. IPM is a systematic approach to.....
6. Desertification is the process of ..... Degradation.
7. Land use means .....of land in a particular area.
8. Soil is made up of .....components.  
a. 5      b. 3      c. 8      d. 10
9. Ecological balance is a condition of a dynamic balance within an.....
10. In India, mainly.....types of soil are available.  
a. 3      b. 5      c. 6      d. 4
11. The Rio Earth summit was held in the year.....  
a. 1887      b. 1990      c. 1992      d. 1995
12. The CPR are owned by whom?  
a. Individual      b. Group  
c. Both a and b      d. None of this
13. CPR in economics is also known as  
a. Common Resource Property      b. Common Pool Resource  
c. Common Participation      d. None of this

14. CPR Management involved Cost and Benefits. (True /False)
15. Species Bio-diversity refers to the number of plant and animal species present in a Community. (True/False)
16. Bio-diversity coined by W.G. Rosen. (True/False)
17. The Rio Earth Summit focused on developing a global framework for addressing Environmental degradation through sustainable development. (True /False)
18. The 1982 Stockholm Conference on the Human Environment was the predecessor to the Rio Earth Summit and one of the first mega conferences to deal with questions of the Environment and development at a global scale. (True/False)
19. Land use is very vital to understand the geographical adjustment of agricultural Resources. (True/False)
20. Land capability depends upon factors such as relief features, climate, soil, vegetation, socio-economic and institutional factors. (True/False)

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