

KERALA AGRICULTURAL UNIVERSITY

B.Sc(Hons.) Forestry. 2012 Admission
VIth Semester Final Examination- July -2015

Cat. No: Fmau.3211

Title: Environmental management(2+0)

Marks: 80
Time: 3 hours

I. Answer all the questions

10 X 1 = 10

1. ----- depend on other organism for their food needs
2. Forest is a best example of ----- type of pyramid
3. Symbiotic N fixation is an interaction of -----
4. Central Ganga Authority was set up under the chairmanship
5. Mangroves can act as a bioshield for protection in _____ area.
6. _____ Ministry is responsible for EIA

Match the following

- | | |
|----------------------------------|--------------------------------------|
| 7. Parasitism | a) Eating and being eaten up |
| 8. Food chain | b) Organism feed on another organism |
| 9. U.N.Conference on environment | c) 1986 |
| 10. Environmental protection act | d) 1972 |

II) Answer the following (Write short answers)

10 x 3 = 30

1. Aquatic ecosystems
2. Control of pollution
3. Ecosystem components
4. Different sources of environmental pollution
5. Estuarine ecosystem
6. Mining types
7. Primary production
8. Ecological pyramids
9. Food web
10. Impact of noise pollution
11. Eutrophication
12. Population interaction

III) Write short essay any six only

6 x 5 = 30

1. Social behaviour and interactions of organism in an ecosystem
2. River pollution management strategies
3. Enlist the policies and strategies for rehabilitation of tribals in dam site
4. Explain the activities of Central Ganga Authority
5. Discuss the pollution control principles and methods
6. Explain environmental hazard in mountain
7. List major environmental management efforts undertaken in India
8. Explain the principles involved in pollution management

IV) Write essay any one only

1 x 10 = 10

1. Discuss in detail about the impact of mining
2. Elaborate different types of ecosystem in the world