

Exam. Code : 107203

Subject Code : 8144

**Bachelor of Computer Application (BCA) 3rd Semester
(Old Sylb. 2018)**

ENVIRONMENTAL STUDIES (ESL-221)

Paper—VI

Time Allowed—Three Hours] [Maximum Marks—75

Note :—Section—A (25 marks) : It consists of **SEVEN** questions. Candidates are required to attempt any **FIVE** questions, each carrying **5** marks. Answer to any of the questions should not exceed **2** pages.

Section—B (50 marks) : It consists of **EIGHT** questions. Candidates are required to attempt any **FIVE** questions, each carrying **10** marks. Answer to any of the questions should not exceed **5** pages.

SECTION—A

1. What is the scope of environmental studies ?
2. What are the environmental impacts of over-usage of ground water ?
3. What are hotspots of Biodiversity ?
4. What are the effects of Air-pollution ?

5. How have the human activities been responsible for Acid Rain ?
6. Differentiate between food chains and food webs and discuss their significance.
7. What is the role of Information Technology sector in Environment and Human Health ? 5×5=25

SECTION—B

8. Discuss in detail the consequences of over-utilization of surface and ground water.
9. What do you understand by Solid waste management ? Discuss.
10. Differentiate between Forest ecosystem and Desert ecosystem.
11. How can the Biodiversity be conserved ? Discuss in detail.
12. Discuss the role of environmental legislation in environmental protection.
13. Discuss the Indian scenario in context to 'Population explosion'.
14. What do you understand by sustainable development ? What are the measures to attain sustainability ?
15. What is Modern Agriculture ? Discuss its impact in relation to the use of fertilizers and pesticides.

5×10=50