



BRAINWARE UNIVERSITY
Term End Examination 2018 - 19
Programme– Bachelor of Pharmacy
Course Name – Environmental science
Course Code – BP206T
(Semester – 2)

Time allotted: 2 Hours

Full Marks: 50

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group – A

(Short Answer Type Questions)

6x5 = 30

Answer any *six* from the following

1. Define Environment. Write a brief note on multidisciplinary nature of Environmental studies. 1+4
2. What do you mean by renewable and non-renewable resources? What is the importance of forest resources? 2+3
3. Write a short note on Nitrogen cycle with schematic diagram. 5
4. Define Ecological Succession. What are the characteristics of ecological succession? What are the processes of succession? 1+2+2
5. Write a note on carbon dioxide and greenhouse effect. 5
6. Describe about the pond ecosystem with schematic diagram. 1+4
7. What is food chain? Classify food chain. Draw a schematic diagram of a food chain. 1+1+3
8. Define ecological pyramid. What are the types of ecological pyramid? Describe one of them. 1+1+3

Group – B

(Long Answer Type Questions)

2x 10 = 20

Answer any *two* from the following

9. What is meant by atmosphere? Write in detail about the different layers of atmosphere? 1+9
10. Define pollutants. Give 4 examples of air pollutants. What do you mean by biodegradable pollutants and non-biodegradable pollutants? What are the percentages of different gases in atmosphere? What is the full form of PAN? 1+2+2+4+1
11. What are the aspects of water management? What are the problems associated with water resources? What are the different stages of sewage treatment? 4+4+2