

Code: 9ABS303

R09

B.Tech II Year II Semester (R09) Supplementary Examinations December/January 2014/2015

**ENVIRONMENTAL SCIENCE**

(Common to CE, ME, IT, CSE, AE, BT & MCT)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) Highlight the differences between environment science, environment studies & environment engineering.  
(b) What measures are adopted for public awareness for a healthy environment?
- 2 (a) What are the effects of over exploitation of ground water resources?  
(b) What are the advantages of modern agriculture over traditional farming?
- 3 (a) What is the significance of biodiversity for a nation?  
(b) What are the characteristic features, structure and function of desert ecosystems?
- 4 (a) What is a food chain and food web? Explain 'ecological pyramid'?  
(b) Explain: (i) Insitu conservation of biodiversity.  
(ii) Exsitu conservation biodiversity.
- 5 (a) What are the threats to biodiversity? What are the conservation strategies?  
(b) Explain the term 'ecosystem diversity'.
- 6 (a) What are the causes of landslides in the western Ghats of southern India?  
(b) What are the causes and ill effects of water pollution?
- 7 (a) What are the methods of rainwater harvesting?  
(b) Write a brief note on 'forest conservation act'.
- 8 (a) What are the effects of population explosion?  
(b) What is the role of information technology in human health?

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