

- m) Which of the following is a biodiversity hot spot in India? 1
 (a) Gulf of Mannar (b) Western ghat (c) Pachmarhi (d) Sunderbans
- n) Water is acidic if its pH is 1
 (a) 7 (b) Greater than 7 (c) Less than 7 (d) None of these

Attempt any four questions from Q-2 to Q-8

- Q-2 Attempt all questions (14)**
 A Explain the effect of timber extraction, mining and dam on the forest. 7
 B Give a brief account of biogeographically classification of India. 7
- Q-3 Attempt all questions (14)**
 A What is energy and energy resources? Write in brief about different energy resources. 7
 B How do you justify India as a mega-diversity nation? Explain. 7
- Q-4 Attempt all questions (14)**
 A Explain terms food chain and food web with example of aquatic and terrestrial ecosystem. 7
 B Narrate the Bhopal gas tragedy. 7
- Q-5 Attempt all questions (14)**
 A Write the effects of pollution on the Ganga river. Mention the initiatives taken by present Government to overcome it. 7
 B What is biome? Enlist different types of biome and explain any two. 7
- Q-6 Attempt all questions (14)**
 A Explain the steps for solid waste disposal. Mention the treatment stages of solid waste. 7
 B Write short notes on the following problems of modern agriculture. 7
 (a) Fertilizers (b) Pesticides
- Q-7 Attempt all questions (14)**
 A What is biogeochemical cycle? Explain hydrological cycle with neat sketch. 7
 B What is nuclear pollution? Discuss the controlling measures of nuclear pollution. 7
- Q-8 Attempt all questions (14)**
 A Give the greenhouse gases and its effect on environment. 7
 B What is global warming? What are the impacts of global warming? 7
 Which are the measures to reduce global warming?

