

- b) Explain food chain and food web. **05**
- c) Explain environmental degradation. **06**
- Q-5** **Attempt all questions** **(14)**
- a) Explain any significant disaster in India in detail. **07**
- b) Explain oxygen cycle. **07**
- Q-6** **Attempt all questions** **(14)**
- a) Draw and explain the various components of atmosphere. **08**
- b) Define sustainable development. Explain it with an example. **06**
- Q-7** **Attempt all questions** **(14)**
- a) Explain marine ecosystem. **07**
- b) Write a note on green house gases and its effects. **07**
- Q-8** **Attempt all questions** **(14)**
- a) Differentiate between biotic and abiotic components. **06**
- b) Calculate the population of a town after two decades for the following data by arithmetic increase method and geometric increase method. **08**

Year	Population
1980	25000
1990	28000
2000	34000
2010	42000

