

320843(20)

APR-MAY

B. E. (Eighth Semester) Examination, 2020

(New Scheme)

(Civil Engg. Branch)

**ENVIRONMENTAL POLLUTION and
MANAGEMENT**

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

*Note : Part (a) is compulsory and answer any two
question from (b), (c) and (d)*

Unit-I

1. (a) Write in short sources of thermal and radioactive pollution. 2

- (b) Describe the following environmental protection laws in India :
- (i) Indian standard of air pollution act
 - (ii) Wildlife (Protection) Act 7
- (c) Write in detail international concern for environment. 7
- (d) Describe in detail environmental problem in India. 7

Unit-II

2. (a) What do you mean by population forecasting? 2
- (b) Detail the environmental impacts of increase in population. 7
- (c) Explain the term population explosion giving suitable examples. 7
- (d) Discuss the various steps, which may be design to reduce population growth. 7

Unit-III

3. (a) Define Social Research. 2

- (b) Explain the different approaches of research methodology with suitable examples. 7
- (c) What are the approaches to solve environmental problem? 7
- (d) Give the classification of waste collection system. Explain the system in detail. 7

Unit-IV

4. (a) Define solid waste. 2
- (b) What is the difference between landfill and composting? 7
- (c) Explain in brief Environmental Audit. 7
- (d) What are the criteria for the disposal of hazardous substances according to MOEF management and handling? 7

Unit-V

5. (a) Define sustainable development. 2
- (b) Explain in brief renewable energy sources. 7

- (c) What is the important measure adopted for sustainable development? 7
- (d) Explain in brief environmental impact assessment. 7