

(Following Paper ID and Roll No. to be filled in your
Answer Books)

Paper ID :121667

Roll No.

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B.TECH.

Theory Examination (Semester-VI) 2015-16

ENVIRONMENTAL POLICY & LEGISLATION

Time : 3 Hours

Max. Marks : 100

Section-A

1. Attempt all parts. All parts carry equal marks.

Write answer of each part in short. (2×10=20)

- (a) State the immediate action in case of pollution of stream or well by a state board.
- (b) What kind of meters to be used for the purpose of measuring and recording the quantity of water re-consumed?
- (c) Distinguish between effluent standard approach and stream standard approach.

- (d) List the objectives of the Air (Prevention and control of pollution) Act 1981.
- (e) Define an air pollutant.
- (f) Mention the qualifications of a government analyst.
- (g) Recall the CO emission standards as both liquid and gas.
- (h) Which are said to be extremely flammable liquids?
- (i) When an owner will be liable to take out insurance policies?
- (j) How to do spore testing of bio-medical waste?

Section-B

2. Attempt any five parts of the following. (10×5=50)

- (a) State "water pollution" and discuss the powers and functions of water pollution control boards in controlling water pollution.
- (b) How would you collect representative sample of water/wastewater from the field? Propose a proforma for reporting the physico-chemical analysis of wastewater.

- (c) Interpret the penalties for violation of various provisions of the Water Act 1975.
- (d) Summarize the procedure for transaction of business of the board and its committees under the Air (Prevention and control of pollution) Rules, 1982.
- (e) Comprehend the prohibition and restriction on the handling of hazardous substances in different areas.
- (f) Enlist measures suggested for the prevention, control and abatement of environmental pollution, under the Environment (Protection) Act, 1986.
- (g) What is a landfill? Elucidate in detail about the specifications of landfill.
- (h) Explain the standards of microwaving and deep burial in case of bio-medical waste.

Section-C

Note: Attempt any two parts of the following. (15×2=30)

- 3. (a) Who is a consulting engineer? Elaborate his duties and function.
- (b) Generalize the restrictions on use of certain industrial plants.

4. (a) Storage of general petroleum products is a challenge. Justify.
- (b) Outline the criteria for ECO mark.
5. (a) Although many rules and notifications appear, their impact on environment preservation is not impressive in India. Why?
- (b) Describe the public liability insurance act 1991.

