

B. TECH.
(SEM VI) THEORY EXAMINATION 2018-19
ENVIRONMENTAL IMPACT ASSESSMENT, AUDIT & LAWS

Time: 3 Hours

Total Marks: 70

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. 2 x 7 = 14
- (a) .
 - (b) .
 - (c) .
 - (d) Explain a Bioremediation technology to remove radionuclides.
 - (e) Briefly explain the control aspects of noise pollutants.
 - (f) What specific aspects does a good EIA report and review include?
 - (g) What is a contingency plan?

SECTION B

2. Attempt any *three* of the following: 7 x 3 = 21
- (a) Discuss objectives, merits and demerits of EIA.
 - (b) Describe matrix method in detail.
 - (c) .
 - (d) Describe possible changes in the environment by various project activities.
 - (e) Write a note on Factors affecting EIA.

SECTION C

3. Attempt any *one* part of the following: 7 x 1 = 7
- (a) Write a note on Environmental pollution Act.
 - (b) Explain the measures to be taken for mitigation of adverse environmental impacts during operational phases of an engineering project.
4. Attempt any *one* part of the following: 7 x 1 = 7
- (a) Explain Battle environmental Evaluation system. Discuss in detail the issues involved for assessment of impact.
 - (b) How do you estimate the impact of a given heavy industry on air, water and land environment?
5. Attempt any *one* part of the following: 7 x 1 = 7
- (a) Describe the systematic approach for evaluating biological impacts.
 - (b) Write a detailed note on 'compilation of water Quantity-Quality information.
6. Attempt any *one* part of the following: 7 x 1 = 7
- (a) Draw the schematic diagram for conceptual approach to the study focused on surface water Environment impacts.
 - (b) Explain the various steps in preparing of EIA report.
7. Attempt any *one* part of the following: 7 x 1 = 7
- (a) What is Environmental Audit? Explain.
 - (b) What is EMP? What are measures employed for mitigation of adverse environment?