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Question Paper Code: U9175S

B.E./B.Tech. DEGREE EXAMINATION, NOV 2024

Open elective

21UCE975 ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT

(Common to All branches)

(Regulations 2021)

Duration: Three hours

Maximum: 100 Marks

Answer All Questions

PART A - (5 x 1 = 5Marks)

1. Public involvement is effective way to reduce CO1- U
(a) Problems (b) Information (c) Data (d) All of the above
2. Which of the following is not the physical parameter of water? CO1- U
(a) Colour (b) Temperature (c) Hardness (d) none of these
3. By which of the methods, public can be involved in Impact assessment CO1- U
(a) One-way talks (b) Interactions (c) Manipulations (d) All the above
4. The public hearing should be finished within CO1- U
(a) 100 days (b) 45 days (c) 30 days (d) 60 days
5. Deforestation and alteration of soil profiles are the possible impacts of ----- project CO1- U
(a) Mining (b) Highway (c) Airports (d) None of the above

PART – B (5 x 3= 15 Marks)

6. Discuss the importance of EIA activities for developing countries. CO1 -U
7. Mention some activities that impact the Wildlife. CO1 -U
8. Mention the outcomes of decision-making process. CO1 -U
9. List out the two phases of SIA. CO1 -U
10. What is environmental management system? CO1 -U

PART – C (5 x 16= 80 Marks)

11. (a) Explain in detail about Environmental Impact Assessment and the types of EIA CO1- U (16)
- Or
- (b) Discuss the environmental aspects and the protective measures. CO1- U (16)
12. (a) Explain in detail about the different techniques for assessing the environmental impacts. CO1- U (16)
- Or
- (b) Explain the guidelines involved in classifying impacts in matrix method. CO1- U (16)
13. (a) Explain the general impacts on fauna and flora environment by development activity. CO1 - U (16)
- Or
- (b) Discuss the generic structure of EIA Report. CO1 - U (16)
14. (a) Explain in detail about the different techniques for assessing the socio -economic impacts. CO1 - U (16)
- Or
- (b) Explain the procedure for conducting public hearing as per EIA Notification 2006. CO1 - U (16)
15. (a) Explain the environment impacts of water supply project with suitable case studies. CO1 - U (16)
- Or
- (b) Explain in detail about the different components that are essential to identify and assess impacts. CO1 - U (16)