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Question Paper Code: 59173

B.E./B.Tech. DEGREE EXAMINATION, DEC 2020

Open Elective

Computer Science Engineering

15UCE973-ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT

(Common to CSE,ECE,EEE,EIE, Mechanical, IT, Chemical,Agri)

(Regulation 2015)

Duration: 1.15 hrs

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

- Which of the following pollution is alarming our national capital in recent times? CO1- R
(a) Thermal Pollution (b) Water Pollution
(c) Air Pollution (d) Light Pollution
- Which organization monitors the pollution levels and standards in Universal level? CO1- R
(a) SPCB's (b) WHO (c) MoEF (d) WPA
- Which of the following method provides minimum guidance to impact assessment? CO2- R
(a) Network method (b) Function method
(c) Adhoc method (d) Matrix method
- Modeling plays an important role in process CO2- R
(a) Screening (b) Decision making (c) Abstracting (d) Scoping
- The most effective process applied at early stage of project planning is CO3- R
(a) impact minimization (b) impact avoidance
(c) impact compensation (d) None

6. Which is a way to minimize impacts CO3- R
- (a) Scale reduction or re-location of the proposal
- (b) Change the EIA team
- (c) Talk with the authorities
- (d) To obtain a construction permit to start
7. The impacts that relates to population and its characteristics are CO4- R
- (a) cultural impacts (b) demographic impacts
- (c) community impacts (d) all the above
8. Which attribute comes under Potential behavior of Economic Valuation Process? CO4- R
- (a) Travel Cost (b) Market Value
- (c) Preventive cost (d) Shadow price
9. Which Country in the world is largely affected by Water Scarcity in recent times due to over consumption? CO5- R
- (a) Australia (b) South Africa
- (c) China (d) Italy
10. Environmental Impact Assessment is Mandatory under which one of the following India Legislations: CO5- R
- (a) Indian Forest Act
- (b) Air (Prevention and Control of Pollution Act)
- (c) Wild life Protection Act
- (d) Environmental (Protection) Act

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

11. List out the criteria for registering as EIA Consultant with its procedure for assessment CO1 -U (8)
12. Explain in detail about the different techniques for assessing the environmental impacts. CO2- U (8)
13. Discuss the generic structure of EIA Report CO3 -U (8)

14. Explain in detail about Socio – Economic Impacts. Also list out the steps in SIA Process CO4 -U (8)
15. What are the significant environmental issues to be considered while planning to develop a New Township? CO5- U (8)