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Total Number of Pages: 01

M.TECH
P1CIBC05

1st Semester Regular Examination 2016-17

Environment Impact Assessment and Auditing

Branch : CIVIL ENGINEERING(SM,SF,TP, WREM,WRE,CE,SMFE,GT,SFE)

Time: 3 Hours

Max Marks: 100

Q.CODE: Y898

**Answer Question No.1 which is compulsory and any FOUR from the rest.
The figures in the right hand margin indicate marks.**

- Q1** Answer the following questions: *Short answer type* **(2 x 10)**
- a) Why environmental assessment is undertaken? Write down the two principles EIA. **(2)**
 - b) What is EIS? Write the three typical parts of EIS. **(2)**
 - c) What do you mean by *environmental auditing*? **(2)**
 - d) Write a short note on *project screening*. **(2)**
 - e) What is the role of public in EIA? **(2)**
 - f) What do you mean by baseline studies? **(2)**
 - g) Write down the usual steps involved in any disaster management process. **(2)**
 - h) Write a short note on audit report and action plan. **(2)**
 - i) Briefly describe the screening in a EIA process. **(2)**
 - j) What do you mean by scoping. Explain briefly. **(2)**
- Q2**
- a) Draw the labeled diagram showing SUSTAINABLE DEVELOPMENT. **(10)**
 - b) What are the purposes of the requirement of studying EIA? **(10)**
- Q3**
- a) What is the objective of studying Environmental Auditing? Elaborately explain down the points. **(10)**
 - b) Write a note on Exit Interview. Also write down about the audit protocols. **(10)**
- Q4**
- a) What are the significance and importance of impacts identification? Write down about the various impact assessment methodologies. **(10)**
 - b) Write a note on the prediction of impacts. What are the mitigation aspects to be implemented for impact assessment? **(10)**
- Q5**
- a) Write down steps of a EIA process in a schematically manner explaining briefly about the various steps. **(10)**
 - b) What are the various principles of EIA? State all the principles briefly. **(10)**
- Q6**
- a) What are the benefits of studying SEA? Write about the various principles of SEA. **(10)**
 - b) Differentiate between EIA and SEA. **(10)**
- Q7**
- a) Write a note on planning of environmental audit. What are the activities involved in a pre-audit and on-site audit activities? **(10)**
 - b) Write short note on *assessment of impacts on physical resources*. **(10)**