## M.E. Third Semester (Environmental Engg.) (P.T.) (CBS) 13394 : Environmental Impact Assessment & Management : 3 SCEE 1

| P. Pages: 1 Time: Three Hours |  |                          |  | <b>AU - 3216</b><br>Max. Marks : 80 |  |
|-------------------------------|--|--------------------------|--|-------------------------------------|--|
|                               | Note   | es: 1.<br>2.<br>3.<br>4. | Answer three question from Section A and three question from Section Due credit will be given to neatness and adequate dimensions.  Illustrate your answer necessary with the help of neat sketches.  Use of pen Blue/Black ink/refill only for writing the answer book. | on B.                               |  |
|                               |  |                          | SECTION - A  |                                     |  |
| 1.                            | a)   | Explair                  | n basic principles of EIA.   | 8                                   |  |
|                               | b)   | State di                 | ifferent types of impact. Explain any one in detail.   | 5                                   |  |
| 2.                            |  | Explair                  | n the impact of development project with respect to air environment.   | 14                                  |  |
| 3.                            | State and explain screening and scoping in EIA.                              |                          | 13   |                                     |  |
| 4.                            | Discuss a complete framework for conducting environmental assessment process |                          | ss. 13   |                                     |  |
| 5.                            |  | Explain                  | Battelle environmental evaluation system with flow chart.  | 13                                  |  |
|                               |  |                          | SECTION – B  |                                     |  |
| 6.                            | . Discuss the types of resources and explain any two in detail.              |                          | s the types of resources and explain any two in detail.  | 13                                  |  |
| 7.                            |  | Explain.                 |  |                                     |  |
|                               |  | a) As                    | ssimilative and supportive capacity.   | 7                                   |  |
|                               |  | b) Su                    | istainable development.  | 7                                   |  |
| 8.                            |  | What de                  | o you mean by Environmental audit? What are the objectives of audit?   | 13                                  |  |
| 9.                            |  | Explain                  | the Hazardous waste disposal methods.  | 13                                  |  |
| 10.                           |  | State an                 | nd explain Air act 1981-1988.  | 13                                  |  |
|                               |  |                          | ****   |                                     |  |

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