

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT**Test – 1, Examination – September 2015****M.Tech I Semester**

COURSE NAME: EIA and Risk Management

MAX MARKS:15

COURSE CODE: 14M31CE114

MAX TIME:1 hr

COURSE CREDIT: 03

Note: All questions are compulsory.

1. a) What do you mean by 'EIA' and why is it necessary to conduct EIA studies for a given project/plan/policy? **[03 Marks]**
- b) Distinguish between 'Environmental Assessment' and 'Environmental Impact Statement'? Mention the three types of EIS **[02 Marks]**
2. a) Which is the technically most challenging activity in EIA and Why? **[03 Marks]**
- b) Mention at least five areas designated as Environmentally Sensitive? **[02 Marks]**
3. a) How do expert systems help in prediction and evaluation of impacts? Discuss with an example **[03 Marks]**
- b) Being a team leader to conduct EIA studies, form an interdisciplinary team comprising of at least 2 specialists in each component of study **[02 Marks]**