

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST -1 EXAMINATIONS-2022
M.Tech-I Semester (BT)

COURSE CODE (CREDITS): 18M11BT113 (3)

MAX. MARKS: 15

COURSE NAME: RESEARCH METHODOLOGY AND ETHICS

COURSE INSTRUCTORS: DR GOPAL SINGH BISHT

MAX. TIME: 1 Hour

Note: All questions are compulsory. Marks are indicated against each question in square brackets.

Q1. How impact factor of research article is calculated. Is impact factor is true criterion to judge quality of research paper? Justify your answer. [3] [CO 11]

Q2. Why it is important to document your literature search? How to do effective literature search? Explain RSS feed subscription. [3] [CO II]

Q3. Analyze various consideration used by researcher while formulating research problem. [3] [CO I]

Q4. Answer questions after reading the following case. [CO 1]

Professor Lee is writing a proposal for a research grant, and the deadline for the proposal submission is two days from now. To complete the background section of the proposal, Lee copies a few isolated sentences of a journal paper written by another author. The copied sentences consist of brief, factual, one-sentence summaries of earlier articles closely related to the proposal, descriptions of basic concepts from textbooks, and definitions of standard mathematical notations. None of these ideas is due to the other author. Lee adds a one-sentence summary of the journal paper and cites it.

1. Does the copying of a few isolated sentences in this case constitute plagiarism? Explain your answer [2]

2. By citing the journal paper, has Lee given proper credit to the other author? Answer briefly [1]

Q5. Answer/explain the followings. [CO II]

a) Why it is important to keep an eye on retraction. [1]

b) What is research fraud? What step you should take to prevent it. [2]