

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- Sept 2017

PhD Students, All Branches

COURSE CODE: 10P1NGE201

MAX. MARKS:25

COURSE NAME: RESEARCH METHODOLOGY AND COMPUTATIONAL TECHNIQUES

COURSE CREDITS: 3

MAX. TIME: One Hr

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*Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means. Make suitable assumptions, if necessary. All questions are of equal marks*

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1. Define Research. How is it different from information gathering and transportation of facts?
2. How do you differentiate between a cluster and strata? Briefly discuss the cases where these two analyses will be suitable to use.
3. What is a research problem? What are different steps involved in formulating a good research problem? Explain with the help of suitable example.
4. What do you understand by "Validity in Experiments"? What are different types of validity and why are they important? What are the factors which may affect different types of validity?
5. How the concept of IPR started? What are different types of intellectual property, briefly discuss with suitable examples?