

IGNOU

TERM END EXAMINATION, JUNE 2014

PHD LIFE SCIENCES

Research Methodology (RLS-001)

Duration 3 Hours

MM:100

Answer any five questions from question nos: 1 to 8. All Questions carry equal marks.

1. What is Nuremberg Medical Trial? Enumerate the **ten** points of Nuremberg code and discuss the importance of the Nuremberg Medical Trial. 5+10+5=20
2. What is the significance of a scientific abstract? Describe in detail the structure of a scientific abstract. 20
3. What do you comprehend by the word 'research'? Discuss the two basic approaches to research with the help of a case study. 20
4. Define Research Methodology and Research Methods. Differentiate with the help of suitable examples between Research Methods and Research Techniques. 5+15=20
5. Explain with the help of a Flow chart the research process. 20
6. What are the key questions which a discussion of a scientific paper should address? What are the elements to be included and avoided in a discussion? 20
7. List and discuss the criteria of good research. How does research help in the development of a nation? What are ethical values in research? 10+5+5=20
8. Differentiate between **any two** with the help of examples 2x10=20
  - (i) Applied and Fundamental Research
  - (ii) Conceptual and Empirical Research
  - (iii) Annotated bibliography and Literature review