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M.Sc. (BI) (Semester - 4th)

BASIC RESEARCH SKILLS (M.Sc. - BI - 402)

Time : 03 Hours   Maximum Marks : 75

Instruction to Candidates:

   1)   Section - A is **compulsory.**

   2)   Attempt any **Nine** questions from Section - B.

Section - A

Q1)   (*15* x *2 = 30*)

   a)   Write the importance & need for technical communication?

   b)   Section on methodology summarizes the methods - comment.

   c)   Discussion is the main part of research report - comment.

   d)   What are the barriers to effective communication?

   e)   What does the conclusions convey in a research paper?

   f)   What are Oral & written reports?

   g)   What should be the components of a research report?

   h)   What are the Formal & non-formal reports?

   i)   What is the role of computers in biomedical research?

   j)   Write main characteristics of setting up an experiment.

   k)   What is the need of obtaining consent of a patient in medical research?

   l)   What is bio-informatics?

   m)   What is the role of computer in Drug Designing?

   n)   What does a good research article should contain?

   o)   Appendices in a research article contain supporting material-comment.

                                                                    P.T.O.

Section - B

(9 x 5 = 45)

Q2)   Explain the significance of abstract in a research paper.

Q3)   What is the importance of reference & bibliography in a report?

Q4)   What is the difference between an Information report & analytical report?

Q5)   Write note on - Strategies for good conversation.

Q6)   What is the importance of data collection in a report?

Q7)   Discuss importance of facial expression as dimensions of body language.

Q8)   What is the significance of reproducibility of scientific results in a research?

Q9)   Differentiate between listening & hearing.

Q10) What is the need of observing ethics in medical research-comment?

Q11) Write short note on - Ethics in biomedical research.

Q12) What are the characteristics of writing a research report?

Q13) What are the constraints in carrying out drug trails?

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