

SCHOOL OF CHEMICAL AND LIFE SCIENCES
B.Sc. Hons. PROGRAM IN CLINICAL RESEARCH
SEMESTER-II, EXAMINATION April-2023

PAPER CODE: BCR SEC 201

PAPER TITLE: Scientific Communication

Time: 2.00 Hrs.

Maximum Marks: 45

Write the roll number at the top immediately on receipt of this question paper. Attempt all questions. All parts of a question must be attempted in continuation. Start answer of a fresh question on a new page. Cite examples whenever necessary

Q 1. Attempt all the questions:

[1.5*10=15]

- a. Differentiate between structured and unstructured abstract.
- b. What is the purpose of review process in publishing?
- c. Differentiate between open access, subscription, and hybrid journals.
- d. Differentiate between Review and Systematic Review.
- e. What is null hypothesis?
- f. Mention different types of grammatical errors in scientific communication
- g. What is IMRaD format?
- h. Mention the criteria for authorship.
- i. What are the characteristics of good title?
- j. Mention any two types of referencing style.

Q2. Attempt **ANY THREE** questions from the following:

[3*5=15]

- a. What is scientific poster? Draw any one format for poster presentation of a research article
- b. Explain peer review process in detail.
- c. Write a short note on hypothesis testing.
- d. Write a short note on communication in the era of new media.
- e. Write a short note on usage of graphics and formatting in scientific communication.

Q 3. Attempt **ANY ONE** question from the following:

[15*1=15]

- a. Explain grammatical error in scientific communication in detail.
- b. What is research article? Write the format for research article and explain the characteristics of each section in detail.