(b) Why is it important for a science journalist to remain objective and truthful ? 5

7. What are the primary objectives of science journalism in a developing society ? 15

❖❖❖❖❖❖❖

Roll No. ..... Total Pages : 04

755206

May 2026

M.Sc. (Second Semester)

Modern Science Writing and Journalism

(AEC-306-V)

Time : 3 Hours] [*Maximum Marks : 75*

Note : It is compulsory to answer all the questions (1.5 marks each) of Part A in short. Answer any *four* questions from Part B in detail. Different sub-parts of a question are to be attempted adjacent to each other. Ensure marking your attempt with correct Sr. No.

Part A

1. (a) Hypothesis 1.5

(b) Scientific Temper 1.5

(c) Expand IPR 1.5

(d) Hybrid seeds 1.5

(e) Black holes 1.5

(f) Give an example of a 'public awareness campaign' that successfully used science to change people's behaviour. 1.5

(g) Briefly explain the difference between a Cyborg and a Humanoid. 1.5

(h) What does the term 'frontiers of science' mean ? 1.5

(i) Patents 1.5

(j) Futurism. 1.5

Part B

2. (a) Define the concept of 'inculcating scientific temper'. How does it differ from simply knowing scientific fact ? 10

(b) Why is 'avoiding jargon' considered a critical skill for a modern science writer ? 5

3. (a) Why are analogies and parallels important when explaining a complex scientific concept to the general public ? 5

(b) What are the three main objectives of 'Popular Science' writing ? How does it help in building a scientifically-minded society ? 10

4. Discuss, how scientific ideas are transformed into practical use. Provide examples of entrepreneurial stories where scientific innovation was the core driver of success. 15

5. (a) Briefly describe a recent scientific discovery you read about in the news and explain why it was considered 'newsworthy'. 5

(b) Name one eminent scientist whose biography you have studied in this course and mention their most significant contribution to society. 10

6. (a) Imagine you are writing for a middle-school science magazine. Write a short, engaging introduction (150-200 words) about how Artificial Intelligence (AI) or DNA affects our daily lives. 10