

SEM	SET	PAPER CODE	TITLE OF THE PAPER
II	2014	14PBO2109	RESEARCH METHODOLOGY

SECTION – B**Answer all the questions:****5 x 5 = 25**

31. a. What is hypothesis? What are the characteristics of a hypothesis?

OR

- b. What is secondary data? What are its sources?
32. a. Give an account on the structure of a Research article?

OR

- b. Literature survey is essential for any research – Justify.
33. a. What is plagiarism? What are measures to prevent it?

OR

- b. Define impact factor. How do you calculate impact factor?
34. a. Briefly outline the classification of data.

OR

- b. What is histogram? Make a histogram for the given data.

Length of pod (cm) class intervals	1–2	2–4	4–6	6–8	8–10
Frequency	2	3	6	4	1

35. a. What is ANOVA? Differentiate one way and two way ANOVA.

OR

b. Differentiate Skewness and Kurtosis with example.

SECTION – C

Answer any THREE questions:

3 x 15 = 45

36. Elaborate the different methods of sampling?

37. Outline the structure and composition of a thesis.

38. Discuss the laws related to Bibliometrics.

39. Calculate the mean deviation and the standard deviation for the following weights of tomato in grams: 30, 90, 20, 10, 80, 70.

40. Calculate the coefficient of correlation for the following data on the length (X in cm) and weight (Y in g) of ladies finger.

X	5	7	3	1	9	12	8	3
Y	8	9	5	4	9	13	7	9
