

(No additional sheet will be supplied)

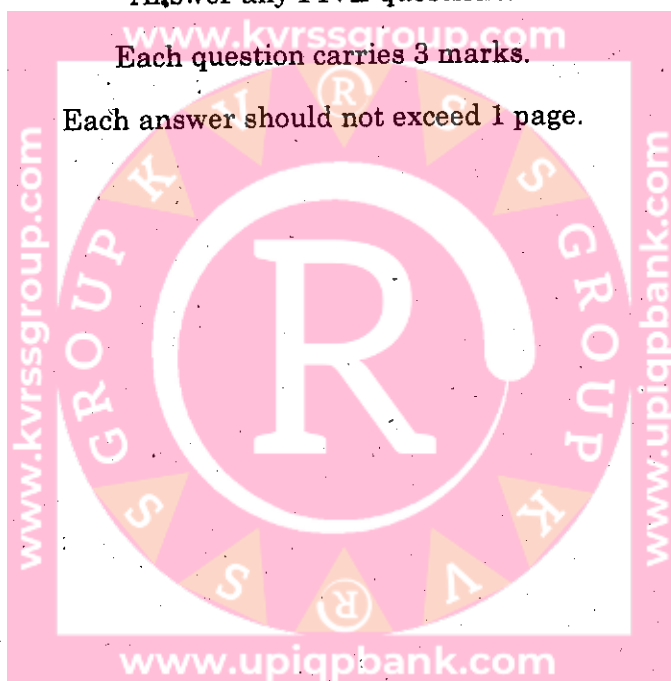
## SECTION A — (5 × 3 = 15 marks)

Answer any FIVE questions.

Each question carries 3 marks.

Each answer should not exceed 1 page.

1. Skewness
2. Central tendency
3. Rank correlation
4. Chi<sup>2</sup> test
5. MS word
6. E-mail
7. Ecological model
8. Leslie's Matrix.



## SECTION B — (4 × 15 = 60 marks)

Answer ALL questions.

Each question carries 15 marks.

Each question should not exceed 6 pages.

9. Explain the data collection with diagrammatic representation.

Or

10. Calculate the standard deviation for the following data on Dissolved oxygen in different ponds 14, 18, 6, 8, 5, 8, 12 mg/L.

11. Discuss the following

- (a) t- test
- (b) ANOVA.

Or

12. Explain the Regression and Correlation with suitable examples.

13. Write note on organization and working of computers.

Or

14. Discuss the uses of MS Excel with suitable examples.

15. Explain the concept of exponential growth.

Or

16. Discuss the Gaussian air pollution plume dispersion model.

