

B.Ed. Semester-I Examination 2014
Statistics
Paper : B.Ed. - 115/116
Pedagogical Content Knowledge of Statistics

Time : Three Hours

Full Marks : 70

Questions are of value as indicated in the margin.

Question No.1 is compulsory.

1. Prepare a lesson plan on **any one** of the following topics mentioning the class. 14
 - (a) Mean, Median and Mode.
 - (b) Correlation and Regression.
 - (c) Probability theory.
 - (d) Sample Survey.

 2. Answer **any two** among the following : 2×14=18
 - (a) Briefly explain aims and objectives of teaching statistics at Higher Secondary level.
 - (b) Critically analyse the curriculum of statistics at Higher Secondary level.
 - (c) What do you mean by evaluation of learning achievement of statistics. Describe tools and techniques for formative and summative assessments of learner achievement in statistics.
 - (d) Give your vivid opinion how computer can be used in teaching and learning of statistics?

 3. Answer **any two** of the following topics : 2×8=16
 - (a) Explain the Importance of project method in teaching statistics.
 - (b) Illustrate Statistics Laboratory.
 - (c) State the role of statistics club to make learning enjoyable.
 - (d) Explain the need and importance of planning instruction.

 4. Write notes on **any four** among the following : 4×3=12
 - (a) Identification of gifted children in statistics.
 - (b) The criterion of a good text book of statistics.
 - (c) Promoting collaborative learning in statistics.
 - (d) Importance of field trip in teaching statistics.
 - (e) Problem solving approach of learning statistics.
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