

B.Ed. Examination 2018
Semester-II
Course : B.ED. 124
Pedagogical Knowledge of School Subject A : Statistics

Time : 3 Hours

Full Marks : 70

Questions are of value as indicated in the margin.

Group -A

- Answer **any two** questions: 15×2=30
1. Develop a lesson plan on any one of the topic indicating the class for which it is intended: (i) Median (ii) Skewness (iii) Rank Correlation 15
 2. What are the aims and objectives of learning statistics in higher secondary level? 15
 3. Select a topic of Statistics and explain in detail how will you teach that topic in project method. What are the disadvantages of project method? 10+5
 4. Is there any difference between Mathematics and Statistics? Explain it briefly. How will you explain a student of higher secondary level why they should study Mathematics and statistics as two different subjects? 7+8

Group-B

5. Attempt **any six** of the following : 5×6=30
 - a) As a teacher what steps will you take to teach a slow learner of statistics?.
 - b) Write down the role of statistics club to popularize the subject.
 - c) Write down the application of statistics in Economics.
 - d) Prepare a question paper of marks 10 on any topic of statistics giving 20% knowledge based, 20% understanding based, 40% application based and 20% skill based questions.
 - e) What are the characteristics of a good questionnaire for any statistical survey?
 - f) State the differences between analytic and synthetic methods of teaching with one example of any topic of Statistics.
 - g) Explain the use of MS Excel to solve practical problems in Statistics.
 - h) State any five applications of Statistics which we can see easily in day to day life.

Group-C

6. Attempt all the questions : 2×5=10
 - a) What is meant by 'misuse of statistics.
 - b) What is statistics club?
 - c) State two advantages of Project method of teaching statistitcs.
 - d) How will you introduce 'Probability' in your first class?
 - e) What is meant by the term 'Gifted child'.
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