

B.Ed. Semester-II Examination 2017
Pedagogical Knowledge of School Subject A: Statistics
Course – B.Ed. 124

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? 15
(i) Arithmetic Mean (ii) Standard deviation (iii) Correlation
2. Write down the detail syllabus of higher secondary statistics and give our own opinion about the justification of that syllabus. 9+6=15
3. Write down the advantages of problem solving method as a teaching method? Select a topic of statistics and explain the detail how you will teach that topic in problem solving method. 5+10=15
4. What are the advantages of learning statistics at higher secondary level? As a teacher what steps you should follow to motivate a student to learn statistics. 5+10=15

Group – B

5. Answer any six questions:

6×5=30

- (a) Suppose a student is consistently insincere in statistics class. As a teacher what will be your steps?
- (b) Write down the role of statistics laboratory to popularise the subject.
- (c) 'Statistics and Mathematics are complimentary to each other' – Do you agree? Justify
- (d) Suggest some evaluation technique to evaluate the learning achievement of a student of statistics?
- (e) State some applications of statistics in the subject Education?
- (f) Explain how will you frame a questionnaire for a statistical survey?
- (g) Explain how computer can be used for analysis of statistical data?
- (h) Differentiate between knowledge and understanding based question citing some examples from any topic of statistics.

Group – C

6. Attempt all the questions:

5×2=10

- (a) What do you mean by teaching aids?
 - (b) What is statistical regularity?
 - (c) What do you mean by descriptive statistics?
 - (d) Explain discovery learning.
 - (e) How will you introduce statistics in your first class?
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