

B.Ed. Examination, 2019
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) Arithmetic Mean ii) Correlation coefficient iii) Quartile deviations 15
2. Critically analyse the syllabus of statistics of Higher Secondary level of West Bengal Council of Higher Secondary Education. 15
3. What is problem solving method? What are the advantages and disadvantages of problem solving method. 5+5+5
4. Briefly explain the correlation of statistics with other subjects. 15

Group-B

5. Attempt **any six** of the following :

5×6=30

- a) State important concepts and nature of the theory of Vygotsky. 5
- b) What do you mean by Statistics Practical? How will you arrange statistics laboratory to teach statistics practical? 5
- c) Prepare a question paper of marks 10 on 'Probability Theory' giving 20% knowledge based, 20% understanding based, 40% application based and 20% skill based questions. 5
- d) What is sample and sampling? Suppose you have to teach sample survey to the students of class XII, how will you introduce? 5
- e) Explain how will you use the computer to teach statistics. 5
- f) What are the characteristics of a good text book of statistics? 5
- g) What is lesson plan? Give your opinion about lesson plan to teach statistics. 5
- h) State your opinion about the evaluation process of learning of statistics prevailing presently. 5

Group-C

6. Attempt all the questions :

2×5=10

- a) Which aspect of statistics is different from that of mathematics?
 - b) What is 'Standard Error'?
 - c) Explain Positive and Negative Reinforcement.
 - d) How will you identify a slow learner of statistics?
 - e) State one situation where median is preferred as measure of central tendency than mean.
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