

Government Degree College, Ganderbal

Department of Statistics

Some Important Instructions

Before writing and preparing your assignments, candidates are required to read the instructions given below carefully. It is mandatory for candidates to strictly adhere to every point so that your assignments will be approved for evaluation without any issue.

- 1) Students are required to write down their Class Roll No, Examination Roll No, Name, Registration No, Semester and Page numbering, on the top of each page.
- 2) The assignments must be hand written on A4 size ruled paper with not more than 10 pages.
- 3) Students are required to convert their hand written assignment into a single pdf file by using a user friendly camscanner app.
- 4) Students are required to scan your hand written assignments clearly, so that the submitted assignments are readable for concerned evaluator
- 5) Students are required to submit their scanned copy of assignment through Email-Id: skillassignment.statisticsem6@gmail.com
- 6) Do not waste your precious time by simply copying from other students, instead you must use your IQ to prepare your assignments for best results.
- 7) Students are advised to keep a hard copy of their assignments with them.
- 8) The last date for the submission of practical assignments is 17-Dec-2020 .
- 9) Students must put their signatures on top of each page.
- 10) The first page of assignment must only contain the following information:
 - i) Name of candidate.....
 - ii) Class Roll No.....
 - iii) Examination Roll No.....
 - iv) Batch.....
 - v) Category: Fresh/Backlog.....
 - vi) Registration. No.....
 - vii) Subject.....
 - viii) Semester.....
 - ix) Contact No.....
 - x) Email address.....
 - xi) Date of Submission.....
 - xii) Signature of Candidate.....
- 11) Last but not least students must cross-check whether they have followed all the points given in the instructions carefully before submitting their assignments.

Assignment Practical Paper for 6th semester(skill enhancement course), December-2020

Subject: Statistics

Paper: Practical/Tutorials

Max. Marks: 30

Min. Marks: 12

Class: B.A/B.Sc Regular/Fresh Private candidates of Batch-2017 and Backlog candidates of Batch-2016.

Note: 1) Attempt any two practicals. Each practical carries equal marks.

2) write down your practical solutions in the following 4 steps:

i) Experiment (write down practical-question under this heading).

ii) Objective (write down objective of the given practical-question under this heading).

ii) Formula (write down appropriate formulae that you use to solve the practical under this heading)

iii) Calculations (write down your calculations under this heading).

iv) Result (write down your conclusion under this heading).

Practical-1: Calculate Median and Mode from the following frequency distribution of marks:

| | | | | | | | | | |
|------------------|----|----|----|----|----|----|----|----|-----|
| Marks: | 5 | 20 | 30 | 10 | 25 | 15 | 40 | 45 | 50. |
| No. of students: | 20 | 76 | 45 | 43 | 72 | 75 | 9 | 8 | 6. |

Practical-2: Calculate Mean and Standard Deviation of the following frequency distribution:

No. of letters in a word(x): 1 2 3 4 5 6 7 8 9 10.

No. of words(f): 2 8 9 10 5 4 3 1 3 1.

Practical-3: Calculate Karl Pearson's coefficient of correlation for the following bi-variate distribution, by changing the origin and (if possible)scale.

Age of cars(in years): 2 4 6 8.

Maintenance cost(in Rs): 10 20 25 30.