

**GULBARGA UNIVERSITY, GULBARGA**  
**SYLLABUS FOR B.A. STATISTICS**  
**(SEMESTER SCHEME)**

**Semester- I**

Theory Paper – I (Descriptive Statistics and Mathematics)  
Practical – I (Based on paper-I)

**Semester - II**

Theory Paper – II (Probability Theory, Distributions and Descriptive Statistics)  
Practical – II (Based on paper-II)

**Semester - III**

Theory Paper – III (Descriptive Statistics, Distribution Theory & Theory of Estimation)  
Practical – III (Based on paper-III)

**Semester - IV**

Theory Paper – IV (Testing of Hypotheses)  
Practical – IV (Based on paper- IV)

**Semester- V**

Theory Paper – V (Sampling Theory & Demand Analysis )  
Theory Paper – VI (Statistical Quality Control & Vital Statistics)  
Practical – V (Based on paper-V)  
Practical – VI (Based on paper-VI)

**Semester - VI**

Theory Paper – VII ( Designs of Experiments & Numerical Methods)  
Theory Paper – VIII (Index Numbers, Time Series Analysis & Computing)  
Practical – VII (Based on paper - VII)  
Practical – VIII (Based on paper-VIII)

**GULBARGA UNIVERSITY, GULBARGA**  
**SYLLABUS FOR B.A./ B.Sc. MATHEMATICAL STATISTICS**  
**(SEMESTER SCHEME)**

**Semester- I**

Theory Paper – I (Descriptive Statistics and Mathematics)  
Practical – I (Based on paper-I)

**Semester - II**

Theory Paper – II (Probability, Distributions and Descriptive Statistics)  
Practical – II (Based on paper-II)

**Semester - III**

Theory Paper – III (Statistical Quality Control and Demographic Methods)  
Practical – III (Based on paper-III)

**Semester - IV**

Theory Paper – IV (Distribution theory and Fortran Language)  
Practical – IV (Based on paper- IV)

**Semester- V**

Theory Paper – V (Theory of Estimation and 'C' Language)  
Theory Paper – VI (Testing of Hypotheses)  
Practical – V (Based on paper-V)  
Practical – VI (Based on paper-VI)

**Semester - VI**

Theory Paper – VII (Sampling Techniques & Design of Experiments)  
Theory Paper – VIII (Applied Statistics and Operations Research)  
Practical – VII (Based on paper - VII)  
Practical – VIII (Based on paper-VIII)