

# महाराणा प्रताप पी.जी. कालेज, जंगल धूसड़, गोरखपुर

| कक्षा : B. Sc. III |           | पाठ्यक्रम योजना : सत्र 2019-20 |            | विषय : STATISTICS     |                     |
|--------------------|-----------|--------------------------------|------------|-----------------------|---------------------|
| दिनांक             | व्याख्यान | प्राध्यापक का नाम              | प्रश्नपत्र | अध्याय                | शीर्षक              |
| 16-7-19            | 1         | K. L. Singh                    | I          | Introduction          | Introduction        |
| 17-7-19            | 2         | K. L. Singh                    | I          | Demographic Methods   | Mortality           |
| 18-7-19            | 1         | K. L. Singh                    | II         | Reliability Theory    | Reliability         |
| 19-7-19            | 1         | A. K. Rao                      | III        | Multivariate Analysis | Normal distribution |
| 19-7-19            | 1         | A. K. Rao                      | IV         | Point Estimation      | Completeness        |
| 20-7-19            | 2         | A. K. Rao                      | III        | Multivariate Analysis | Normal distribution |
| 20-7-19            | 2         | A. K. Rao                      | IV         | Point Estimation      | Completeness        |
| 22-7-19            |           | A. K. Rao                      |            | C.T.                  |                     |
| 23-7-19            | 2         | K. L. Singh                    | II         | Linear Programming    | Def. of LPP         |
| 24-7-19            | 3         | K. L. Singh                    | I          | Demographic Methods   | Mortality           |
| 25-7-19            | 4         | K. L. Singh                    | I          | Demographic Methods   | Mortality           |
| 26-7-19            | 3         | A. K. Rao                      | III        | Multivariate Analysis | Normal distribution |
| 26-7-19            | 3         | A. K. Rao                      | IV         | Point Estimation      | Sufficiency         |
| 27-7-19            | 4         | A. K. Rao                      | III        | Multivariate Analysis | Normal distribution |
| 27-7-19            | 4         | A. K. Rao                      | IV         | Point Estimation      | Sufficiency         |
| 29-7-19            |           | A. K. Rao                      |            | C.T.                  |                     |
| 30-7-19            | 3         | K. L. Singh                    | II         | Reliability Theory    | Reliability         |
| 31-8-19            | 4         | K. L. Singh                    | II         | Linear Programming    | Graphical Method    |
| 1-8-19             | 5         | K. L. Singh                    | I          | Demographic Methods   | Life table          |
| 2-8-19             | 5         | A. K. Rao                      | III        | Multivariate Analysis | Normal distribution |
| 2-8-19             | 5         | A. K. Rao                      | IV         | Point Estimation      | Sufficiency         |
| 3-8-19             | 6         | A. K. Rao                      | III        | Multivariate Analysis | Normal distribution |
| 3-8-19             | 6         | A. K. Rao                      | IV         | Point Estimation      | Sufficiency         |
| 6-8-19             |           | A. K. Rao                      |            | C.T.                  |                     |
| 7-8-19             | 6         | K. L. Singh                    | I          | Demographic Methods   | Life table          |
| 8-8-19             | 5         | K. L. Singh                    | II         | Reliability Theory    | Reliability         |
| 9-8-19             | 7         | A. K. Rao                      | III        | Multivariate Analysis | Normal distribution |
| 9-8-19             | 7         | A. K. Rao                      | IV         | Point Estimation      | Sufficiency         |
| 10-8-19            | 8         | A. K. Rao                      | III        | Multivariate Analysis | Normal distribution |
| 10-8-19            | 8         | A. K. Rao                      | IV         | Point Estimation      | Sufficiency         |
| 13-8-19            | 6         | K. L. Singh                    | II         | Linear Programming    | Graphical Method    |

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| 14-8-19 |           | A. K. Rao         |            | C.T.                  |                       |
| 16-8-19 | 9         | A. K. Rao         | III        | Multivariate Analysis | Normal distribution   |
| 16-8-19 | 9         | A. K. Rao         | IV         | Point Estimation      | Cramer-Rao Inequality |
| 17-8-19 | 10        | A. K. Rao         | III        | Multivariate Analysis | Normal distribution   |
| 17-8-19 | 10        | A. K. Rao         | IV         | Point Estimation      | Cramer-Rao Inequality |
| 19-8-19 | 7         | K. L. Singh       | I          | Demographic Methods   | Life table            |
| 20-8-19 | 8         | K. L. Singh       | I          | Demographic Methods   | Life table            |
| 21-8-19 | 7         | K. L. Singh       | II         | Reliability Theory    | Reliability           |
| 22-8-19 |           | A. K. Rao         |            | C.T.                  |                       |
| 24-8-19 | 11        | A. K. Rao         | III        | Multivariate Analysis | Normal distribution   |
| 24-8-19 | 11        | A. K. Rao         | IV         | Point Estimation      | Cramer-Rao Inequality |
| 26-8-19 | 8         | K. L. Singh       | II         | Linear Programming    | Graphical Method      |
| 27-8-19 | 9         | K. L. Singh       | II         | Reliability Theory    | Reliability           |
| 28-8-19 | 9         | K. L. Singh       | I          | Demographic Methods   | Life table            |
| 29-8-19 | 10        | K. L. Singh       | I          | Demographic Methods   | Life table            |
| 30-8-19 | 12        | A. K. Rao         | III        | Multivariate Analysis | Normal distribution   |
| 30-8-19 |           | A. K. Rao         |            | Test                  |                       |
| 2-9-19  | 10        | K. L. Singh       | II         | Linear Programming    | Graphical Method      |
| 3-9-19  | 11        | K. L. Singh       | II         | Reliability Theory    | Reliability           |
| 4-9-19  | 11        | K. L. Singh       | I          | Demographic Methods   | Fertility             |
| 5-9-19  | 12        | K. L. Singh       | I          | Demographic Methods   | Fertility             |
| 6-9-19  | 13        | A. K. Rao         | III        | Multivariate Analysis | Normal distribution   |
| 6-9-19  | 12        | A. K. Rao         | IV         | Point Estimation      | Rao-Blackwell Theorem |
| 7-9-19  | 14        | A. K. Rao         | III        | Multivariate Analysis | Normal distribution   |
| 7-9-19  |           | A. K. Rao         |            | C.T.                  |                       |
| 9-9-19  | 12        | K. L. Singh       | II         | Linear Programming    | Simplex Method        |
| 11-9-19 | 13        | K. L. Singh       | II         | Reliability Theory    | Reliability           |
| 13-9-19 | 15        | A. K. Rao         | III        | Multivariate Analysis | Normal distribution   |
| 13-9-19 | 13        | A. K. Rao         | IV         | Point Estimation      | Rao-Blackwell Theorem |
| 14-9-19 | 16        | A. K. Rao         | III        | Multivariate Analysis | Normal distribution   |
| 14-9-19 | 14        | A. K. Rao         | IV         | Point Estimation      | Problems              |
| 16-9-19 | 13        | K. L. Singh       | I          | Demographic Methods   | Fertility             |
| 17-9-19 |           | A. K. Rao         |            | C.T.                  |                       |
| 19-9-19 | 14        | K. L. Singh       | I          | Demographic Methods   | Fertility             |

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| 20-9-19  | 17        | A. K. Rao         | III        | Multivariate Analysis | Normal distribution     |
| 20-9-19  | 15        | A. K. Rao         | IV         | Point Estimation      | Lehmann-Scheffe Theorem |
| 21-9-19  | 18        | A. K. Rao         | III        | Multivariate Analysis | Normal distribution     |
| 21-9-19  | 16        | A. K. Rao         | IV         | Point Estimation      | Problems                |
| 23-9-19  | 14        | K. L. Singh       | II         | Linear Programming    | Simplex Method          |
| 24-9-19  | 15        | K. L. Singh       | II         | Reliability Theory    | Reliability             |
| 25-9-19  |           | A. K. Rao         |            | Test                  |                         |
| 26-9-19  | 15        | K. L. Singh       | I          | Quality Control       | Control Chart           |
| 27-9-19  | 19        | A. K. Rao         | III        | Multivariate Analysis | Normal distribution     |
| 27-9-19  | 17        | A. K. Rao         | IV         | Point Estimation      | Problems                |
| 30-9-19  | 20        | A. K. Rao         | III        | Multivariate Analysis | Normal distribution     |
| 1-10-19  | 16        | K. L. Singh       | I          | Quality Control       | Control Chart           |
| 3-10-19  | 16        | K. L. Singh       | II         | Linear Programming    | Simplex Method          |
| 4-10-19  |           | A. K. Rao         |            | C.T.                  |                         |
| 4-10-19  | 18        | A. K. Rao         | IV         | Point Estimation      | Problems                |
| 5-10-19  | 21        | A. K. Rao         | III        | Regression            | Linear Regression       |
| 5-10-19  | 19        | A. K. Rao         | IV         | Point Estimation      | Problems                |
| 12-10-19 | 22        | A. K. Rao         | III        | Regression            | Linear Regression       |
| 12-10-19 | 20        | A. K. Rao         | IV         | Point Estimation      | Problems                |
| 14-10-19 | 17        | K. L. Singh       | II         | Reliability Theory    | Reliability             |
| 15-10-19 | 17        | K. L. Singh       | I          | Quality Control       | Control Chart           |
| 16-10-19 | 18        | K. L. Singh       | I          | Quality Control       | Control Chart           |
| 17-10-19 |           | A. K. Rao         |            | C.T.                  |                         |
| 18-10-19 | 23        | A. K. Rao         | III        | Regression            | Linear Regression       |
| 18-10-19 | 21        | A. K. Rao         | IV         | Point Estimation      | Problems                |
| 21-10-19 | 18        | K. L. Singh       | II         | Linear Programming    | Simplex Method          |
| 22-10-19 | 19        | K. L. Singh       | II         | Reliability Theory    | Reliability             |
| 23-10-19 | 19        | K. L. Singh       | I          | Quality Control       | Control Chart           |
| 30-10-19 | 20        | K. L. Singh       | I          | Quality Control       | Control Chart           |
| 31-10-19 |           | A. K. Rao         |            | Test                  |                         |
| 1-11-19  | 24        | A. K. Rao         | III        | Regression            | Linear Regression       |
| 1-11-19  | 22        | A. K. Rao         | IV         | Point Estimation      | Problems                |
| 4-11-19  | 20        | K. L. Singh       | II         | Linear Programming    | Simplex Method          |
| 5-11-19  | 21        | K. L. Singh       | II         | Reliability Theory    | Reliability             |

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| 6-11-19  | 21        | K. L. Singh       | I          | Quality Control           | Control Chart          |
| 7-11-19  | 22        | K. L. Singh       | I          | Quality Control           | Control Chart          |
| 9-11-19  |           | A. K. Rao         |            | C.T.                      |                        |
| 9-11-19  | 25        | A. K. Rao         | III        | Explanatory data analysis | Quantile function      |
| 11-11-19 | 23        | A. K. Rao         | IV         | Interval Estimation       | Confidence bounds      |
| 13-11-19 | 22        | K. L. Singh       | II         | Linear Programming        | Assignment Problem     |
| 14-11-19 | 23        | K. L. Singh       | II         | Linear Programming        | Assignment Problem     |
| 15-11-19 | 26        | A. K. Rao         | III        | Explanatory data analysis | Quantile function      |
| 15-11-19 | 24        | A. K. Rao         | IV         | Interval Estimation       | Pivotal Quantity       |
| 16-11-19 | 27        | A. K. Rao         | III        | Explanatory data analysis | Problems               |
| 16-11-19 | 25        | A. K. Rao         | IV         | Interval Estimation       | Problems               |
| 18-11-19 |           | A. K. Rao         |            | C.T.                      |                        |
| 19-11-19 | 24        | K. L. Singh       | II         | Reliability Theory        | Reliability            |
| 20-11-19 | 25        | K. L. Singh       | II         | Linear Programming        | Assignment Problem     |
| 21-11-19 | 23        | K. L. Singh       | I          | Acceptance Sampling       | Single Sampling Plan   |
| 22-11-19 | 28        | A. K. Rao         | III        | Explanatory data analysis | Problems               |
| 22-11-19 | 26        | A. K. Rao         | IV         | Interval Estimation       | Problems               |
| 23-11-19 | 29        | A. K. Rao         | III        | Explanatory data analysis | Problems               |
| 23-11-19 | 27        | A. K. Rao         | IV         | Interval Estimation       | Problems               |
| 25-11-19 |           | A. K. Rao         |            | Test                      |                        |
| 26-11-19 | 24        | K. L. Singh       | I          | Acceptance Sampling       | Single Sampling Plan   |
| 27-11-19 | 26        | K. L. Singh       | II         | Reliability Theory        | Reliability            |
| 28-11-19 | 27        | K. L. Singh       | II         | Linear Programming        | Assignment Problem     |
| 29-11-19 | 30        | A. K. Rao         | III        | Stochastic Simulation     | Problems               |
| 29-11-19 | 28        | A. K. Rao         | IV         | Hypotheses Testing        | N-P Lemma              |
| 30-11-19 | 31        | A. K. Rao         | III        | Stochastic Simulation     | Problems               |
| 30-11-19 | 29        | A. K. Rao         | IV         | Hypotheses Testing        | Problems               |
| 2-12-19  |           | A. K. Rao         |            | C.T.                      |                        |
| 3-12-19  | 25        | K. L. Singh       | I          | Acceptance Sampling       | Double Sampling Plan   |
| 7-12-19  | 32        | A. K. Rao         | III        | Stochastic Simulation     | Problems               |
| 7-12-19  | 30        | A. K. Rao         | IV         | Hypotheses Testing        | Problems               |
| 9-12-19  | 28        | K. L. Singh       | II         | Reliability Theory        | Reliability            |
| 11-12-19 | 29        | K. L. Singh       | II         | Linear Programming        | Transportation Problem |
| 12-12-19 | 26        | K. L. Singh       | I          | Acceptance Sampling       | Double Sampling Plan   |

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| 13-12-19 |           | A. K. Rao         |            | C.T.                     |                        |
| 13-12-19 | 31        | A. K. Rao         | IV         | Hypotheses Testing       | Problems               |
| 14-12-19 | 33        | A. K. Rao         | III        | Non – Parametric Methods | Problems               |
| 14-12-19 | 32        | A. K. Rao         | IV         | Hypotheses Testing       | Problems               |
| 16-12-19 | 27        | K. L. Singh       | I          | Index Number             | Price Index            |
| 17-12-19 | 28        | K. L. Singh       | I          | Index Number             | Price Index            |
| 18-12-19 | 30        | K. L. Singh       | II         | Reliability Theory       | Reliability            |
| 19-12-19 | 31        | K. L. Singh       | II         | Linear Programming       | Transportation Problem |
| 20-12-19 | 34        | A. K. Rao         | III        | Non – Parametric Methods | Problems               |
| 20-12-19 |           | A. K. Rao         |            | C.T.                     |                        |
| 21-12-19 | 35        | A. K. Rao         | III        | Non – Parametric Methods | Problems               |
| 21-12-19 | 33        | A. K. Rao         | IV         | Hypotheses Testing       | Problems               |
| 23-12-19 | 29        | K. L. Singh       | I          | Index Number             | Price Index            |
| 24-12-19 | 30        | K. L. Singh       | I          | Index Number             | Price Index            |
| 26-12-19 | 32        | K. L. Singh       | II         | Reliability Theory       | Reliability            |
| 27-12-19 | 33        | K. L. Singh       | II         | Linear Programming       | Transportation Problem |
| 28-12-19 |           | A. K. Rao         |            | Test                     |                        |
| 30-12-19 | 31        | K. L. Singh       | I          | Index Number             | Price Index            |
| 31-12-19 | 32        | K. L. Singh       | I          | Index Number             | Price Index            |
| 1-1-20   | 34        | K. L. Singh       | II         | Game Theory              | Problems               |
| 2-1-20   | 35        | K. L. Singh       | II         | Game Theory              | Problems               |
| 3-1-20   | 36        | A. K. Rao         | III        | Non – Parametric Methods | Problems               |
| 3-1-20   | 34        | A. K. Rao         | IV         | Sequential Analysis      | Wald's SPRT            |
| 4-1-20   |           | A. K. Rao         |            | C.T.                     |                        |
| 4-1-20   | 35        | A. K. Rao         | IV         | Sequential Analysis      | Wald's SPRT            |
| 6-1-20   | 33        | K. L. Singh       | I          | Index Number             | Price Index            |
| 7-1-20   | 34        | K. L. Singh       | I          | Index Number             | Quantity Index         |
| 8-1-20   | 36        | K. L. Singh       | II         | Game Theory              | Problems               |
| 9-1-20   | 37        | K. L. Singh       | II         | Game Theory              | Problems               |
| 10-1-20  | 37        | A. K. Rao         | III        | Non – Parametric Methods | Problems               |
| 10-1-20  | 36        | A. K. Rao         | IV         | Sequential Analysis      | Wald's SPRT            |
| 11-1-20  |           | A. K. Rao         |            | C.T.                     |                        |
| 11-1-20  | 37        | A. K. Rao         | IV         | Sequential Analysis      | Problems               |
| 13-1-20  | 38        | K. L. Singh       | II         | Game Theory              | Problems               |

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