Separate paging is given to this part in order that it may be filed as a separate compilation

PART—III

Laws, Regulations and Rules passed thereunder.

GOVERNMENT OF JAMMU AND KASHMIR,
PLANNING AND DEVELOPMENT DEPARTMENT.

Notification

Srinagar, the 17th January, 1978

SRO-27.— In pursuance of rule 10 of the Jammu and Kashmir Statistical Training Rules, 1975 the Governor hereby directs that after Annexure 'C' to the said rules the following shall be added as Annexure 'D' and prescribe be the same as the syllabus for the Statisticians Course/Refresher Course.

ANNEXURE 'D'

(See rule 10)

Syllabus for Statisticians Course/Refresher Course *Statistical Officer*

(a) The training will cover 232 lectures as per details given below :—

Theoretical Part		
Official Statistics	45	Lectures
Practical Statistics	73	,,
	114	,,
Total	232	,,

The details of syllabus are given as per Annexure (i) & (ii).

(b) One week of Practical Training as provided for in syllabus will be utilized for organising a group study by the trainees to be completed in one week after the completion of lectures.

There will be six papers in Theory each carrying 100 marks and having 6 questions out of which 4 questions will have to be attempted in each paper There will be 2 papers on practicals. The distribution of papers be as under :—

Theory

Paper	I	Mathematics Theory
Paper	II	Statistics Theory
Paper	III	Economics Theory
Paper	IV	Official Statistics : Agriculture & Industries(Section I & II) of Annexure 'II'
Paper	V	do. Social Service Section III, IV, V & VI do.
Paper	VI	do. Economics and Planning (Section VII to X) do.

Practicals

Paper	VII	Practical for theory of Annexure 'I'
Paper	VIII	Practical for Official Statistics Annexure 'II'

Paper VII and VIII will have 3 practical assignments each out of which the trainee will be required to attempt any two each. These papers will carry 50 marks each. 50 marks will be allotted for the group study and viva-voce connected with the group study. The report or the group study will carry 30 marks and the viva-voce 20 marks.

ANNEXURE (I)

Mathematics   Theory   Total Lectures 45

Algebra   Lectures

1. Logarithmic functions, Determinants, Matrices.

Numerical Analysis

1. Use of Operation E & $\triangle$ interrolation by Newton's and Lagrange's methods, leading difference formulae and extrapolation.

2. Rounding off % age rates and ratios.

II. Statistics

1. Probability-definition, random variable, expectation some simple applications of probability theory.

Sampling

1. Concept of sampling, unit frame, use of random No. tables, census V/S sampling.

Lectures

2. Different methods of sampling, sample random sampling, stratified sampling, multi-stage sampling.   4

3. Construction of questionaires and schedules with special reference to departmental surveys like National Sample Survey, Crop Estimation Survey, Annual Survey of Industries, family living survey, and surveys for Evaluation.   2

4. Tabulation and estimation procedure, use of T, Chi-square and F distribution, sampling and non-sampling errors.   5

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III Economics

1. Different economic systems and their interse comparison.   2

2. Main characteristics of Indian Economy and implementations of development plans.   3

Planning

1. Objectives of planning, planning models, controls in planned economy.   2

2. Principles and distribution of Central assistance awards of successive finance commissions and budgets.   2

J&K Economics

1. Natural resources.   1
2. Agricultural policy and strategy.   2
3. Industrial policy.   1
4. Agrarian Reforms.   2
5. Sources of revenue and central assistance.   1
6. Five Year Plans.   2

        18

ANNEXURE (II)

Official Statistics   No. of Lectures   73

1-Agriculture

Lectures

1. Basic Land Records, method of filling the forms and critical examination of the limitations of data.   3

Lecture

2. Land Utilization Statistics, concepts and definition. 1

3. Forecast Statistics, Objective and Scope. 2

4. Sample Surveys for estimation of area forecasts like preharvest, T.R.S., vegetables and fruit survey. 4

5. Crop Cutting Survey for estimation of production data. 3

6. Cost or cultivation surveys. 2

7. Agriculture and Livestock Census. 3

18

II. Industries and Labour Statistics

1. Collection of Industrial Statistics. 1

2. A.S.I. Scope, concepts and coverage, collection of Statistics Acts, Index of Industrial production. 3

3. Handicraft Statistics-Sample Surveys and Census for estimation of production and employment 2

4. Labour Statistics-Various Acts dealing with collection of Statistical data. 2

5. Surveys regarding a minimum wages. 1

9

III. Education Statistics

1. Collection and tabulation of Education Statistics. 1

2. Education and Manpower Surveys. 1

3. Rates and ratios. 2

4

IV. Health Statistics

1. Hospital Statistics, morbidity and mortality rates. 1

2. Medical recording. 1

3. Diet and Nutrition Surveys. 1

4. Test of Significance their application. 2

5

Lectures

V. Public Utility Services

1. Building up indicators of development in water works and Electricity Sectors. 2

2. Transport statistics-operational costs Fleet utility-traffic intensity and other surveys. 2

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4
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VI. Demography and Vital Statistics

1. Rates and Ratios. 2

2. Population projections, growth rate etc. 2

3. Registration of Birth and Death Act, 1969. 2

4. Sample Registration. 1

5. Model Registration Cause of Death Statistics. 1

6. Institutional mortality data-Its tabulation and interpretation. 1

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9
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VII. State Income Regional Accounts and Capital Formation.

1. Concepts and definitions, various methods of estimation. 3

2. Procedure of estimation adopted in J&K State. 2

3. Gap in data for estimation.

4. Capital formation, Basic concepts-Gross and net domestic capital formation. 1

5. Economic and functional classification of budgets. 2

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9
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VIII. Price Statistics

1. Collection and compilation of wholesale and retail price data-interpretation of data and price reviews. 1

2. Family living surveys and preparation of weighing diagrams and Index Nos. 2

Lectures

3. Consumer Price Index Nos. issued by Labour Bureau and C. S. O.   1

4. Index Nos. of wholesale Agriculture commodities   1

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5

IX. Economic Planning

1. Plan formulation, allocation of resources and priorities.   2

2. Fixation of targets-physical and financial.   1

3. Perspective Planning.   1

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4

X. Monitoring and Evaluation

1. Monitoring-need for and concepts.   1

2. Plan information, progress reporting and economic reviews.   2

3. Evaluation types concepts, scope and methodology.   3

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6

Total   73
Lectures

(Sd) S. B. MATHUR,

Additional Secretary to Government,
Planning and Development Department.