

GOPALAN PRE UNIVERSITY COLLEGE (AS752)
SUBJECT & CODE: ECONOMICS(22)

S.NO	TOPICS AND CONTENT	NO.OF HOURS
1	<u>PART A-STATISTICS</u> <u>INTRODUCTION</u> <ul style="list-style-type: none"> Why economics, consumption, production, and distribution. Statistics in economics. What is statistics? What statistics does? 	4
2	<u>COLLECTION OF DATA</u> <ul style="list-style-type: none"> Introduction, What are the sources of data. How do we collect the data.... Preparation and instruments... Mode of data collection... Pilot survey.... Census and sample surveys. Sampling and non-sampling errors Census of India & NSSO 	6
3	<u>ORGANISATION OF DATA</u> <ul style="list-style-type: none"> Introduction Raw data Classification of data Variables: continuous& discrete What is the frequency distribution Frequency distribution with unequal distribution. Univariate and Bivariate frequency distribution 	6
4	<u>PRESENTATION OF DATA</u> <ul style="list-style-type: none"> Introduction, types of presentation of data. Tabular representation of data Diagrammatic presentation of data, bar diagram Pie diagram Frequency diagram Frequency polygon Ogive 	9

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5	<ul style="list-style-type: none">• Arithmetic line graph <u>MEASURES OF CENTRAL TENDENCY</u> <ul style="list-style-type: none">• Introduction, measures of central tendency.• Arithmetic mean• Median• Mode• A relative position of the arithmetic mean, median& mode	10
6	<u>MEASURES OF DISPERSION</u> <ul style="list-style-type: none">• Introduction• Measures based upon the spread of values.• Quartile deviation• Measures of dispersion from averages• Mean deviation from mean• Mean deviation from the median• Standard deviation• Absolute& relative measures of dispersion• Lorenz curve	11
7	<u>CORRELATION</u> <ul style="list-style-type: none">• Introduction, types of correlation• Techniques of measuring correlation(scatter diagram)• Techniques of measuring correlation(Karl Pearson co-efficient of correlation)• Techniques of measuring correlation(Spearman's rank correlation)• Properties of correlation	7
8	<u>INDEX NUMBER</u> <ul style="list-style-type: none">• Introduction• What is the index number• Construction of an index number• Some import index number• Issues in the construction of index number• Index number in economics	7
9	<u>USE OF STATISTICAL TOOLS</u> <ul style="list-style-type: none">• Introduction• A suggested list of projects• Sample project	3

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	PART B- INDIAN ECONOMIC DEVELOPMENT	
10	<u>INDIAN ECONOMY ON THE EVE OF INDEPENDENCE</u> <ul style="list-style-type: none">• Introduction• Low level of economic development under colonial rule.• Agricultural sector and industrial sector• Foreign trade• Demographic condition• Occupational structure• Infrastructure	6
11	<u>INDIAN ECONOMY FROM 1950-1990</u> <ul style="list-style-type: none">• Introduction• The goal of five-year planes• Agriculture• Industry and trade• Trade policy-import substitution.	6
12	<u>LIBERALIZATION, PRIVATIZATION , GLOBALIZATION</u> <ul style="list-style-type: none">• Introduction, background.• Liberalization• Privatization• Globalization• Outsourcing, world bank• Indian economy during the reforms-an assessment	8
13	<u>POVERTY</u> <ul style="list-style-type: none">• Introduction. Meaning, Who are the poor• How are poor people identified• The numbers of poor in India• What are the causes of poverty• Policies & program towards poverty alleviation• Poverty alleviation programs-and a critical assessment.	8
14	<u>HUMAN CAPITAL FORMATION</u> <ul style="list-style-type: none">• Introduction, What is human capital, Sources of human capital• Human capital and economic growth• Human capital and human development. State of human capital formation in India	8

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	<ul style="list-style-type: none">• The education sector in India, Future prospects• Role of education in economic development.	
15	<u>RURAL DEVELOPMENT</u> <ul style="list-style-type: none">• Introduction of rural development• Credit and marketing in rural areas.• Agricultural marketing in rural areas• Diversification into productive activity.• Sustainable development and organic farming.	7
16	<u>EMPLOYMENT GROWTH INFORMATION</u> <ul style="list-style-type: none">• INTRODUCTION Employment Participation of people in employment• Employment in the firm, factories, and offices.• Growth and changing structure of employment• Information of Indian workforce• Unemployment, types, causes of unemployment.• Government and employment generation	9
17	<u>INFRASTRUCTURE</u> <ul style="list-style-type: none">• Infrastructure, Meaning• The state of infrastructure in India• Energy• Health	6
18	<u>ENVIRONMENT AND SUSTAINABLE DEVELOPMENT</u> <ul style="list-style-type: none">• Introduction, Environment-definition function.• State of India's environment• Sustainable development• Strategies for sustainable development	8
19	<u>COMPARATIVE DEVELOPMENT EXPERIENCE OF INDIA AND ITS NEIGHBOURS</u> <ul style="list-style-type: none">• Introduction; Developmental path-a SNAPSHOT View• Demographic indicators• Gross domestic product and sectors	7

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	<ul style="list-style-type: none">• Indicators of human capital• Developmental strategies and an appraisal.	
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