

- Q.1 a) Five passages. Three passages to
 b) be attempted - Six questions on
 c) each passage - 2/3 on content 2 on
 d) Language and 1/2 on Ability
 e) -- Total marks (18)
- Q.2 a) Short Answer Questions. OR
 b) One out of three questions set OR
 c) Marks (6m) OR
 d) Long Answer Questions OR
 e) One out of three questions OR
 f) set (12)
 2(a)or (b)or(c) 6 marks plus 12 marks 2(d) or (e) or(f)
 Total marks (18)
- Q.3 Grammar
 a) 4 marks b) 3 marks c) 3 marks
 d) 3 marks e) 3 marks Total marks (16)
- Q.4 a) Note - taking and Note-making - 8 marks
 b) Information Transfer - 7 marks
 Total marks- 15
- Q.5 a) Expansion of an Idea - 7 marks
 b) Comprehension - 8 marks
 Total marks- 15
- Q.6 a) Report/Minute writing - 6 marks
 b) Business Letters/Applications - 6 marks
 c) Precise-writing - 6 marks
 Total marks - 18

North Maharashtra University, Jalgaon
SYLLABUS FOR F.Y.B.Com. (Additional English)
(W.E.F. July, 1997)

Prescribed Texts :

First Term :

Novel

Animal Farm - George Orwell

Second Term :

(Short Stories)

Ten short stories - Jafin Mohanty.

The following short stories only:

- 1) The Ranance of a Busy Broker - O' Henry
- 2) A cup of Tea - Katherine Mansfield
- 3) The Earth - H.E Bates
- 4) The Rocking - Horse Winner - D.H. Lawrence
- 5) The Highway - Ray Bradbury
- 6) A Canary for One - Earnest Hemingway.

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NORTH MAHARASHTRA UNIVERSITY, JALGAON

SYLLABUS FOR P.Y.B.COM.
STATISTICS AND OPERATION RESEARCH - I
(w.e.f. from June, 1997)

FIRST TERM

1. Correlation

Meaning of correlation, types of correlation : Positive, negative, perfect.

Scauer diagram, Karl person's coefficient of correlation
Simple numerical problem.

12 L

2. Regression

Lines of regression, Fitting of lines of regression by the method of least square.

Properties of regression co-efficients.

Relation between correlation coefficients and regression coefficients.

Simple numerical problems.

12 L

3. Probability :

Experiments and random experiments.

Ideas of deterministic and non-deterministic models.

Definitions: Sample space, Event, Elementary event, certain event, impossible event probability (over finite sample space).

Conditional probability and independence.

Simple numerical problems.

12 L

4. Probability distributions

Concept of random variables, types of r.v.

Defination of probability man Function (pmf) Defination of mathematical expectation and statement of properties, Variance of r.v.

Simple numerical problems.

12 L

SECOND TERM

1. Sequencing Models

Sequencing problems.

Processing n jobs through two machines.

Processing n jobs through three machines.

12 L

2. Assignment Models

Definition of assignment model.

Solution of assignment model, Alternate optimal solutions.

12 L

3. Transportation models

Statement and meaning of T P.

Method of finding initial basic feasible solution by

i) North-west corner rule

ii) Matrix minima method

iii) Vogels approximation method

Test for optimal solution (u-v method) maximisation case, unbalance T P.

Simple problems (concept of degeneracy is not expected).

12 L

4. Replacement models

Meaning of replacement models.

Replacement of items that deteriorate i.e. whose maintenance costs increase with time Replacement of items whose maintenance and repair costs increase with time ignoring.

Changes in the value of money during the period.

12 L

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NORTH MAHARASHTRA UNIVERSITY, JALGAON

FACULTY OF COMMERCE
Syllabi for F.Y.B.Com.
(w.e.f. June, 1997)

Business Environment

1. Business & Society - Meaning & objects of Business, Business Ethics, Business & Culture, Social Responsibilities of business - Meaning Aspects, Pollution - Types, Sources and Effects, Management of Pollution - Social Audit.
2. Business Environment - Meaning, nature & scope, Environment & Economic Growth, Factors of business environment - Economic, Social, Political, Cultural, Educational, technological, International, human Legal & Geographical.
3. Business & Government - Different role of Govt. in Economy - regulatory role, entrepreneurship role, promotional role, planning role.
4. Planning & Environment - Corporate Planning, Meaning & objectives, steps in corporate planning, types of corporate planning, corporate planning & environment.
5. Indian economic Environment - Industrial policy Resolutions - 1948 to 1980.
Industrial Policy Resolutions - 1980 to 1996.
6. Consumer's protection Act - Necessity & features.
7. Price & distribution channels : Objectives of control, Direct & Indirect Controls, Administered Prices, Dual Pricing, Subsidization, Essential Commodities Act, Important features of Public Distribution System.
8. Government of Labour : Evolution of Wage Policy in India, Labour Welfare Measures, Social Security Measures, Workers Participation in Management.

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NORTH MAHARASHTRA UNIVERSITY, JALGAON

Syllabus for F.Y.B.Com.

Introduction to Computer & Quantitative Methods

(w.e.f. June, 1997)

A) Introduction to Computer

50 Marks

1. Introduction :

i) Basic computing machine - Block Diagram - Types of computer:
Micro, Mini, Main frame, Pentium.

3 L

ii) Terms - Hardware, Software, RAM, ROM, Operating system.

3 L

2. Input/Output, Floppy Disk, Magnetic, Printers, CD-ROM.

3 L

3. Data Representation - Number system (Decimal, Binary)
Codification of data - Binary codes BCD, EBCDIC, ASCII.

3 L

4. Flow charts - Meaning - Symbols - Some examples

3 L

5. WordStar :

Introduction : WS Package, Uses, Starting WS, Main Menu
Commands, D-document, N-nondocument, P-print, X-exit,
L,C,E,O,Y,F,R command.

3 L

6. Creating a file : Typing text, Saving a file, Printing file.

2 L

7. Editing Text : Cursor movement command, Up arrow or ^E, Down
arrow or ^X, Left arrow or ^S, Right arrow or ^D, Word left
^A, Word right ^F

Scrolling commands : Pg Up or ^R, Pg Dn or ^C, Upline ^W,
Downline ^Z

Erase & Unerase : Word, Line, Character. Inserting a line.

3 L

8. Quick Movement Command :

^QE, ^QO, ^QX, ^QF, ^QB, ^QC

Block Commands :

^KB, ^KK, ^KR, ^KW, ^KO, ^KV, ^KY, ^KH, ^KN

Save Commands :

^KS, ^KX, ^KD, ^KQ,

Unscreen commands ^OL, ^OR, ^OC, ^OD,

Print Commands :

^PB, ^PX, ^PD, ^PY etc.

4 L

PRACTICALS

1. Introduction to Machine : Computer System, Familiarity of different units.
2. Directory Commands : DIR, CD, MD, RM.
3. Other Commands : TYPE, COPY, RENAME, DELETE, CLS.
4. External Commands : ;FORMAT, DISK COPY, CHKDSK, LABEL etc.
5. Starting WordStar (WS) : Entering simple text. Use of cursor movement, commands & saving text.
6. Opening text : Use of editing commands, Quick & Block command.
7. Creation of simple letter, use on screen commands & print commands.
8. Entering data in the given table layout.

NOTE : It is expected that :

- a) 12 theory lectures in each term be allocated to class room teaching .
- b) 12 practical lectures in each term be allocated to practicals.
- c) Batchsize & Hardware requirement be specified. It is proposed that two students per terminal be allocated.

B) Quantitative Methods :

50 Marks

1. Commercial Arithmetics :

Ratio, Proportion & Partnership, Profit & loss, Calculation of interest on product methods. 6 L

2. Introduction to Mathematical Logic :

Proposition, Conjunction, Disjunction, Implication, Equivalence, Equivalence of Logical Statements, Law of excluded middle, Truth table, Tautology & contradiction, Simple problems only. 8 L

3. Permutation & Combination :

Concept of Permutation & Combination, Simple practical problems on use of formulae nPr & nCr . Proofs of above formulae are not expected. 6 L

4. Introduction to Statistics :

Concepts of population, Sample data, Primary data, Secondary data, Variable, Attribute, Frequency distribution. 6 L

5. Business Diagrams :

Simple bar diagram, Multiple bar diagram, Percentage bar diagram, Pi diagram. 4 L

6. Concept of Averages & Dispersion :

Mean, variance, Standard deviation, Coefficient of variation, Combined & combined S.D. (Only for 2 groups): 8 L

7. Index Numbers :

Meaning of Index Number, Type of Index Numbers, Price Quantity, Value Index Numbers, Caspayres, Peaches & Fishers Index Numbers. 8 L

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North Maharashtra University, Jalgaon

Syllabus for F.Y.B.Com

Commercial Geography

(w.e.f. June, 1997)

1. Introduction to Commercial Geography
 - A) Definition, Nature and Scope of Commercial Geography
 - B) Economic Activity of Man
 - i) Primary activity
 - ii) Secondary activity
 - iii) Tertiary activity
2. Man & Environment
 - A) Definition and Meaning of Environment
 - B) Types of Environment
 - i) Natural environment :
Factors influencing, environment:
Relief, Climate, Water bodies, Soil, Vegetation,
Minerals.
 - ii) Cultural environment : Factors - Settlements,
Transportation and Communication, Technology.
3. Environmental Pollution
 - A) Concepts of Pollution by Types of Pollution
 - i) Air pollution
 - ii) Water pollution
 - iii) Noise pollution
 - iv) Solid waste pollution

Sources of pollution, effects of pollution and remedies.
4. Resources
 - A) Forest as a Resource
 - i) Distribution and economic importance of the following types of forests.
 - i) Equatorial forest
 - ii) Monsoon forest
 - iii) Coniferous forest

- B) Agriculture as a Resource
 - Types of agricultural activities :
 - i) Shifting cultivation
 - ii) Intensive subsistence agriculture
 - iii) Plantation agriculture
 - iv) Extensive subsistence agriculture
- 5. Mineral and Power Resources
 - A) Mineral Resources
 - Characteristics, uses and world distribution of
 - i) Iron Or ii) Mica
 - B) Power Resources
 - i) Distribution of coal in USA and India
 - ii) Distribution of mineral oil in South West Asia and India.
- 6. Industry
 - A) Factors Affecting Location of Industries
 - i) Raw material ii) Power
 - iii) Labour iv) Capital
 - v) Market
 - vi) Transportation and communication
 - vii) Technology and Govt. policies and management
 - B) Distribution and Production
 - i) Iron and steel industries in USA and India
 - ii) Cotton textile in India and Japan
 - iii) Sugar industries in India
- 7. Transportation and Trade
 - A) Mode of Transport
 - i) Land transport : Merits and demerits of land transport
 - ii) Water transport : Major ocean routes suezcanal panama canal. Merits & demerits of water transport.
 - iii) Air transport : Merits and demerits of Air transport

B) Trade

- i) Factors affecting international trade.
- ii) India's foreign trade

8. Representation of Statistical Data

Construction of Graphs with the help of Data

- i) A simple line graph
- ii) A simple bar graph
- iii) Divided circle

Books Recommended :

- 1) Economic Geography - John & Darkanword
- 2) Economic Geography - Alexander
- 3) Economic Geography - Prof. Gupte, Prof. Karmarker
- 4) व्यापारी भूगोल - प्रा. सु. पु. पाठक.
- 5) आर्थिक व व्यापारी भूगोल - प्रा. अहिरराव, प्रा. अलिझाड व इतर.
- 6) पर्यावरणशास्त्र - प्रा. अहिरराव, प्रा. सुरेश अलिझाड व इतर.
- 7) Environment - John Turk & Turk
- 8) Environmental Geography - Savindersing.

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