

29

F.Y.B.Com

Ist Semester A.T.K.T. 75. Marks.

August, 2016

Anjuman-I-Islam's
Akbar Peerbhoy College of Commerce & Economics, Mumbai
Term End Examination

Class : FYBCOM (Sem. I)
Time : 2 1/2 Hrs.

Sub.: Foundation Course – I
Marks : 75

Instructions : 1. All questions are compulsory, subject to internal choice.
2. Figures to the right indicate full marks.

- Q1. Attempt Any one of the following. (15)**
A. Explain the religion wise and gender wise composition of population of India.
OR
B. What are the characteristics of Rural and Urban Area in India.
- Q.2 Attempt Any one of the following . (15)**
A. Describe the term Violence Against Women. Explain the types of Violence Against Women?
OR
B. What is Disability? Elaborate the types of Disability.
- Q.3 Attempt Any one of the following . (15)**
A. What is Communalism? What are the causes and effects of communalism?
B. Describe the term Regionalism. What are the causes and effects of Regionalism. Suggest your measures to stop Regionalism.
- Q.4 Attempt Any one of the following. (15)**
A. Describe the Preamble and Structure of Constitution of India.
OR
B. List down the fundamental duties and salient features of Indian Constitution.
- Q.5 Write Short Note on any five (15)**
A. Structure of Local Self Government in India in Rural Area.
B. Write a short note on the 74th Constitutional Amendment Act
C. Elucidate the classification of Political parties in India.
D. 73rd Constitutional Amendment Act.
E. Multi -Cultural Diversity of Indian Society.
F. Causes of female feticide.
G. Casteism in India.
H. Role of Indian Women in politics.

Anjuman-I-Islam's
Akbar Peerbhoy College of Commerce & Economics, Mumbai
Term End Examination

Class : FYBCOM (Sem. I)
Time : 2½ Hrs.

Sub.: Business Economics – I
Marks : 75

- Instructions :
1. All questions are compulsory, subject to internal choice.
 2. Draw neat diagrams wherever necessary
 3. Use of simple calculator is allowed
 4. Figures to the right indicate full marks.

Q1. Attempt Any two of the following

- A. Explain the different methods of demand forecasting and its importance. (15)
- B. Find out Consumer Surplus from the following table and explain with the help of diagram.

Units Consumed	Price	Marginal Utility
1	4	12
2	4	10
3	4	08
4	4	06
5	4	04

- C. Which factors do affect the elasticity of demand? Explain its importance?

Q.2 Attempt Any two of the following

- A. Discuss the internal Economies of scale? (15)
- B. Explain Producers Equilibrium with the help of Iso -Quant and Iso -cost line.
- C. Discuss the features and types of production function.

Q.3 Attempt Any two of the following

- A. Explain graphically TC, TFC, TVC and relation between them. (15)
- B. Explain graphically the Long run AC curve.
- C. Calculate TC, AVC, AFC, AC and MC form given table.

Outputs	0	1	2	3	4	5	6	7	8
TFC	10	10	10	10	10	10	10	10	10
TVC	0	4	7	9	12	15	19	23	28

P.T.O

Q.4 Attempt Any two of the following

- A. Explain Break Even Analysis with suitable diagram.
 B. If price of goods per unit is Rs.25 find out Total Revenue, Average Revenue, and Marginal Revenue from following table. And explain with the diagram.

Quantity	10	20	30	40	50
TR					
AR					
MR					

- C. Write a note on Total Revenue(TR) Total Cost (TC) approach under perfect completion.

Q.5 A. State with reason whether following statements are True or False.(Any Four) (8)

- The goods which are **luxurious** have elastic demand.
- Price elasticity** is referred to change in demand to the given change price.
- Second stage of law of variable proportion known as **negative returns**.
- Iso Cost line shows the different combinations of two inputs that a firm can buy with given budget
- Fixed cost does not change with changed in production.
- The Slope of AFC is vertical straight line.
- Average Revenue is the price per unit.
- Total Revenue curve in perfect competition is positive and upward slopes.

B. Choose the correct answer and rewrite the statements. (Any Seven) (7)

- Giffen goods are less demanded with rise in income as they are of quality goods.
 - High
 - Cheap
 - Luxurious
 - Excellent
- When change in price is exactly same to the change in demand the value of price elasticity is
 - Zero
 - One
 - Two
 - Three
- Ball Pen and Gel Pen are goods.
 - Substitutes
 - Complementary
 - Unrelated
 - Luxurious
- The law of variable proportion is not applicable when the two inputs are used in a proportion
 - Variable
 - Fixed
 - Changed
 - Diminishing
- Reduction in prices of raw material in the area where large scale firm is established, it is known as economies
 - External
 - Internal
 - International
 - Local

P.T.O

6. In Law of Variable Proportion, at the point where Marginal Product(MP) is Total Product (TP) is Maximum.
- i. Negative
 - ii. Zero
 - iii. Positive
 - iv. One
7. AVC initially falls down and after reaching a minimum it again increase thus the slope of AVC is '.....' shaped.
- i. Inverse S
 - ii. U
 - iii. Negative
 - iv. Horizontal
8. is defined as the addition or the subtraction from the total cost as result of change in output
- i. Marginal Cost
 - ii. Average Cost
 - iii. Real cost
 - iv. Money cost
9. Producers surplus refers to the amount which the producer get over the price
- i. Market
 - ii. Variable
 - iii. Constant
 - iv. Reservation
10. revenue refers to the price or revenue per unit.
- i. Marginal
 - ii. Average
 - iii. Total
 - iv. Maximum
11. Prof. Baumol put forward..... objective of firm.
- i. Profit Maximization
 - ii. Sales Maximization
 - iii. Output Maximization
 - iv. Input Maximization
12. Revenue is the ratio of change in total revenue to a unit change in the output sold.
- i. Marginal
 - ii. Total
 - iii. Minimum
 - iv. Replacement

Anjuman-I-Islam's

Akbar Peerbhoy College of Commerce And Economics

F.Y.B.COM

SEMESTER-I (A.T.K.T-2016-17)

Marks- 75 marks

Commerce-I

Time- 2 ½ Hrs.

Q.1. Answer the following questions.(Any-Two)

15 Marks

a. Define business and explain the functions of business.

b. What are the different types of business objectives?

c. Explain the term Turnaround and discuss the steps in turnaround strategy.

Q.2. Answer the following questions. (Any-Two)

15 Marks

a. Highlight the significance of analyzing business environment.

b. Discuss the components of internal environment.

c. Explain the positive impact of trading blocs.

Q.3. . Answer the following questions. (Any-Two)

15 Marks

a. Define project report and explain its significance to various parties.

b. What are the factors influencing decision of location of business unit?

c. Explain in brief the various Acts influencing business.

Q.4.. Answer the following questions.(Any-Two)

15 Marks

a. Describe the factors responsible for the growth of entrepreneurship in India?

b. Discuss the incentives offered to entrepreneurs.

c. What are the problems of women entrepreneurs?

Q.5. A. Fill in the blanks with right answer.

5 Marks

i) Concept of business is concerned with customer satisfaction.

(Modern, traditional, product)

ii)..... is a trading bloc consisting of South Asian Countries.

(SAARC, ASEAN, APEC)

iii) acts as a reference guide during the execution of the project.

(Project report, feasibility report, legal report)

iv) In SWOT analysis, the alphabet 'T' stands for

(Threats, traits, treats)

v) Entrepreneurs need to take Decisions,

(Proactive, reactive, quick)

B. State whether the following statements are True or False.

5 Marks

i. Growth oriented firms operate in stable environment.

ii. To earn profit is the national objective of business firm.

iii. Research and development fills the knowledge gap.

iv. There is no need to conduct periodic review of performance.

v. Most successful entrepreneurs are the innovators.

C. Match the column.

5 Marks.

A column

B column

1. Societal interest
2. Traditional concept
3. Human objectives
4. National objectives
5. Organic objectives

- a. Survival
- b. Working conditions
- c. Social welfare
- d. Emphasis on profits
- e. Modern concept of business

Anjuman-I-Islam's
AKBAR PEERBHOY COLLEGE OF COMMERCE & ECONOMICS
NAAC ACCREDITED COLLEGE
M.A ALI ROAD, DO TAAKI, GRANT (EAST). MUMBAI-400 008.

Class: - **F.Y.B.Com** Examination:- **ATKT** 2016-17 Date:- _____

Subject:- **Accountancy** Marks:- **75** Duration:- **2 ½ Hrs**

State whether the following statements are True or False (Any Eight)

1. Outstanding expenses are liabilities.
2. Hire purchase price is equal to cost price.
3. Discount received is allocated on the basis of purchases of each department.
4. Capital expenses are non- recurring in nature.
5. ICAI issued Accounting standards in India.
6. Hire purchase system ownership of the goods is transferred after the payment of final installment.
7. Balance Sheet is a statement.
8. Drawings reduces capital.
9. FIFO method is logical.
10. Net loss transfer to capital A/c.

B) Match the columns: (Any seven)

(7Marks)

Group A	Group B
1. Outstanding income	A .Profitabilities
2. Current assets	B .Financial position
3. Loose tools	C .Fixed assets
4. Live stock	D .current assets
5. Balance sheet	E .income due but not received
6. Carriage inward	F .Debtors
7. Lighting	G purchases
8. Depreciation	H .No. of light point
9. Power	I .H.P of machine
10. Carriage outwards	J .value of assets
	K .sales

Q. No. 2. From the following trial balance. Prepare the final account.

Marks (15)

Purchases:	
Raw Material	210000
Finish Good	10000
Debtors	78000
Office Rent	3000
Office Salaries	13100

Travelling Expense	17000	
Cash in hand	2000	
Opening Stock		
Raw Materials	60000	
WIP	5000	
Finish Goods	20000	
Factory Rent	12000	
Factory Salary	18000	
Creditors	-----	
Sales		56000
Interest		400000
Discount Allow	4000	
Discount Receive	3000	
Capital		1100
Wages		98000
Machine	50000	
Furniture	45000	
	5000	

Adjustment

1. Provide 10% depreciation on machine
2. Closing Stock :

Raw Materials	50000
WIP	10000
Finish Goods	35000
3. Office Salary outstanding 1000
4. Outstanding factory rent 1000
5. Outstanding office rent 2000

OR

Q. No. 2.

Marks (15)

From the following transaction find out the value of stock using:

- a) FIFO method
- b) Weighted method

- 1st March opening balance 1000 units @ Rs. 12 Per Unit.
- 5th March purchases 500 units @ Rs. 13 Per Unit.
- 10 March issued 1200 units
- 15th March purchases 700 units @ Rs. 15 Per Unit.
- 20th March issued 800 units
- 25th March purchases 400 units @ 14 Per Unit.
- 30th March issued 500 units.

Q. No. 3. From the following particulars, prepare departmental trading and P&L accounts.

	Mobile	Tablets
Opening Stock	15000	14000
Purchases	35000	30000
Sales	60000	50000
Wages	6000	4000
Rent and Tax		9390
Salaries		3100
Lighting		2100
Discount allow		2200
Discount received		650
Advertisement		3680
Carriage inwards		2340
Furniture		5000

The further information are :

1. Rent & Tax, Lighting, Salaries and carriage inwards to be allocated in 2:1
2. Advertisement to be allocated equally.
3. Depreciation 10% per annum.
4. On furniture is to be charges 3:1
5. Closing stock Mobile 17000 & Tablet 15000.

OR

Q. No. 3

Marks (15)

State with the reason, whether the followings are capital, revenue or differed revenue.

1. Wages for erection of machinery.
2. The factory spent for purchase of new machine.
3. Purchase land.
4. Paid to Govt. excise duty.
5. Amount received on sale of machine.
6. Cost of improving sitting capacity of hotel.
7. Interest paid on bank over draft
8. Payment for purchase of stationary.

Q. No. 4.

Marks (15)

On 1st January 2015, Aamir delivered a machine to Salman on higher purchase machine, The down payment was Rs. 400000 and the remaining was paid in two installment of 400000 each plus interest plus 10% interest.

The cost price of machine was 1200000 /

Show the machinery account and Amir account in the books of salman account assuming that He close his book on 31st Dec every year. After charging depreciation @20% every year on SLA method.

OR

Q. No. 4. Solve the followings

(marks 3 each)

A) find out the cost of purchase of Inventory

1. purchase price Rs. 500000

2. carriage RS .50000

3. custom duty 10000

4. other expenses 20000

B) 16 January opening stock 200 bats @120 each

23 January purchases 1000 bats @ 150 each

31 January Sales 800 bats

Find out the value of closing stock

C) Advertisement of department store is 28000

Sales of

A dept :600000

B dept:800000

D) Direct material is Rs 20000, labour charge 10000 and share of other expenses is 5000. what will be the cost of conversion?

E) Sultan sold goods worth Rs. 10000 to Salman without consideration. How much revenue is recognized?

Q-5 a) How interest is calculated in hire purchases transaction.

7 marks

192 B) what is the importance of final a/c

8 marks

OR

Q-5 write short notes on: any three

1. hire purchases system

2. FIFO method

3. manufacturing account

4. vendor

5. Capital expenditure

6. Revenue receipts

ANJUMAN-I-ISLAM'S
AKBAR PEERBHOY COLLEGE OF COMMERCE & ECONONMICS
MUMBAI-400008

Class: FYBCOM
Max. Marks: 75

Examination: ATKT SEM I 2016-17

Subject: ENV. STUDIES
Time: Two hours 30 Minutes

Instructions:

- i. Q. Nos. 1 and 2 are compulsory
- ii. Attempt any three questions from Q.Nos. 3 to 6.
- iii. Use of coloured pencils/pens is permitted.
- iv. Maps should be attached along-with the answer-sheets.
- v. Figures to the right indicate full marks

Q. 1. A) On the outline world map provided to you mark and locate the following, using colours. (05)

- a. China
- b. India
- c. Australia
- d. Antarctica
- e. Equator

Q. 1. B) Answer the following questions based on the given thematic maps. (05)

- i. What is the theme of the map?
- ii. Which cartographic technique is used to represent the theme?
- iii. Name the major export partner of India as shown in the map.
- iv. With the help of the scale, determine the export from India to Japan.
- v. Compare the total export trade from India to Asian and European countries.

Q. 2) Write short notes on Any Four of the following: (20)

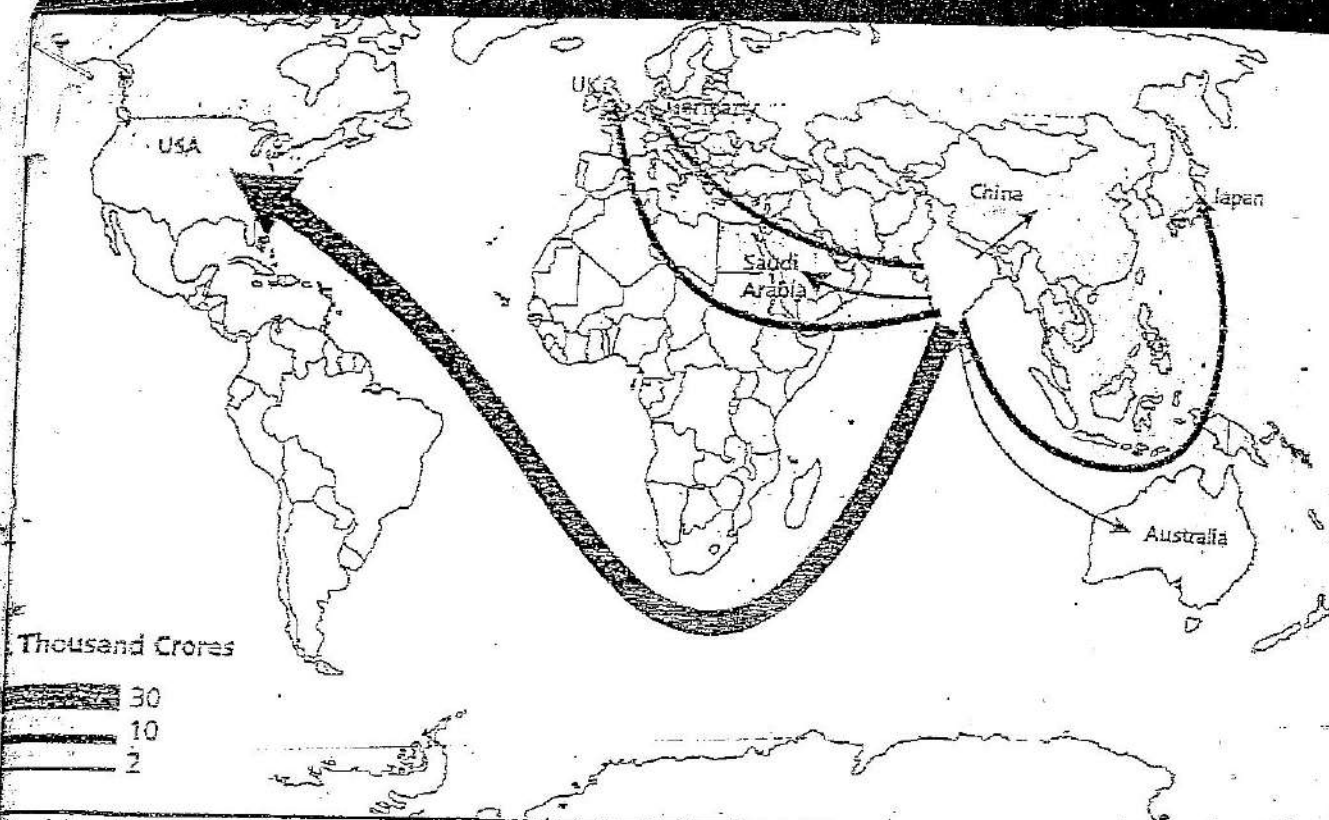
1. Importance of Environmental Studies
2. Structure of Ecosystem
3. Energy and Material flow in an ecosystem
4. Air Pollution
5. Non-conventional sources of energy
6. Global Warming

Q. 3) Describe term the environment. Write about the components of environment. (15)

Q. 4) Write about the global distribution of water. (15)

Q. 5) Discuss how forests influence global climate and prevent soil erosion. (15)

Q. 6) What are the important factors that influence distribution of population? (15)



Export Trade of India - 1999 in Terms of Indian Rupees

Q1. A

World Map



Business Communication – First Semester Examination

MARKS - 75

TIME – 2½ HRS

Note: 1) Attempt all questions.

2) Figures to the right indicate full marks.

Q.-1 Do as directed (05)

A) Fill in the blanks

1. The response of the receiver is called _____.
2. The _____ initiates the process of Communication.
3. _____ --is classified as intranet and Extranet.
4. To influence the mind of the receiver is known as _____.
5. Pictures and Posters are example of _____ communication.

B) Match the following pairs (5)

Group A	Group B
i) Verbal Skills	A) Uses body language, pictures and colours
ii) Vocal Skills	B) Provides information in the form of slides
iii) Power point	C) Uses right words & lucid delivery
iv) Visual Skills	D) Provide information through transparencies
v) OHP	E) Uses intonation & word stress

C) Give full forms of the Following abbreviations (Any FIVE) (5)

- i) VAT ii) GATT iii) COD iv) WWW v) CPU vi) AMU vii) CDMA

Q-2 .Write short notes on the following (Any THREE) (15)

1. Communication Process
2. Vertical Channels of Communication ✓ ^b _A
3. Motivation as an objective of Communication
4. Body language
5. Internet as a mode of Communication

Q-2. Write answers of the following questions in detail (Any TWO) (15)

- A) Illustrate Physical and linguistic Barriers to Communication in detail?
- B) Explain the need and importance of good listening in the effective Communication?
- C) Examine the importance of Business Ethics in Business Communication.

Q-3 Draft the Following letters

(A) Draft an application letter with Resume in response of the following advertisement. (07)

'Wanted a Marketing Executive for a Mumbai based organization. The candidate should be fluent in English, Marathi and Hindi. Apply with Resume to The Manager, Sunny Industries, 456, 'B' wing, S.M. Road, Mumbai-400056.

(B) Draft the following letters (any TWO): (08)

- i) Mr. Shahrukh Khan has been selected as a Supervisor in Zydus Cadila Industries. Draft his appointment letter.
- ii) Miss. Kajal Agrawal has been appointed as Sales Executive of Kingfisher Enterprises. Draft her letter of acceptance of job offer.
- iii) Mr. Dinesh Gandhi has been working as Supervisor in Sales Department of the company. He wanted to resign as he has been selected as Manager in other Company. Draft his resignation letter.

Q-4.

A. Write a meaningful paragraph on the following (Any ONE) (5)

- i. Global Warming
- ii. Importance of English Speaking

B. Rearrange the following sentences and write a cohesive paragraph (5)

- i) And just as it is the basic form, it is also the most developed one.
- ii) It could be unvarnished workaday prose, poetry, drama; but all of these are forms of language, written, spoken and read.
- iii) We cannot communicate in any real sense without language, other than through gestures; we do communicate through some non-verbal forms like the visual arts - painting, sculpture - and through dance, but the culmination of true, articulate, communication is through language.
- iv) Language is the development of the basic form of communication between human beings and in a society.

C. Correct the following and Rewrite the following (5)

1. Please be good enough to advice us.
2. Hoping to hear from you soon.
3. Neither of the applicants are suitable.
4. Thank you for your letter dated on 2 July.
5. She gave the order to Radhika and myself.

Anjuman-I-Islam's
Akbar Peerbhoy College of Comm. and Eco.
F.Y.B.Com Sem-I Examination(ATKT) 2016-17
Subject : Mathematical and Statistical Techniques

Time: 2 1/2 hrs.

Date :

Max Marks: 75

- Note:-** i) All questions are compulsory.
ii) Graph paper will be provided on request.
ii) Use of simple calculator is allowed.

SECTION-I

(15)

Q1. Attempt any THREE:

- a) Rakesh sold the shares of maruti udyog ltd. At the market value of ₹320 per share. If the brokerage applicable was 0.25% and the amount received by him was ₹31920, find the no. of shares sold by him.
- b) An investor received 42827.4 while selling his units of ICICI prudential mutual fund at NAV of ₹ 120 and exit load of 1%.find the number of units sold by him. If he had already received a dividend of 200% on those unit before the sell, state the amount of dividend received by him on those units.
- c) Sagar invested Rs. 55,350 in mutual fund at NAV of ₹450 with entry load at 2.5%. Before receiving any dividend he sold all his units at NAV of ₹ 455 with exit load at 1%. Find the number of units purchased by him, the amount he received after the sale and his gain/loss in the above transaction.
- d) Arjun owned 30 share of LPT ltd., bought at the market price of ₹ 4550 each. If the company decides to give a bonus share for three shares held and if the market price of the share after bonus share is ₹ 3520, find the initial investment, the no. of his shares after the bonus shares, and his assets and gain due to bonus.

(15)

Q2. Attempt any THREE:

- a) Solve the following L.P.P graphically.

$$\text{Maximize } z = 20x + 30y$$

$$\text{Subject to } \begin{aligned} x + y &\leq 6 \\ 3x + y &\leq 12 \\ x \geq 0, y &\geq 0 \end{aligned}$$

- b) Find the value of

1) ${}^{10}C_7$ 2) 8C_5 3) 8P_2

- c) There are 8 questions in question paper. In how many different ways can a student attempt 3 questions from the paper?

P.T.O

Q4. Attempt any **THREE**:

(15)

- a) Two unbiased dice are thrown. Find the probability that the sum of the score is Multiple of 3.
- b) Two cards are drawn from a pack of cards. What is the probability that getting two face cards?
- c) Find $E(x)$ and $V(x)$ for the following distribution:

x	0	2	4	6	8
p(x)	0.2	0.3	0.2	0.1	0.4

- d) Three coins are tossed simultaneously, find the probability of getting
 i) exactly two heads ii) exactly three tails

Q.5 Attempt any **THREE**:

(15)

- a) Given the following payoff table, suggest which strategy should be consider under
 i) Maximax ii) Maximin iii) Minimax iv) Laplace Criterion.

States of Nature	Strategies		
	A ₁	A ₂	A ₃
E ₁	30000	40000	25000
E ₂	50000	45000	10000
E ₃	40000	40000	40000

- b) Given the following conditional cost matrix corresponding to 3 acts, A₁, A₂ and A₃ and 3 states of nature are E₁, E₂ and E₃. Find the best action to minimize cost using EOL criterion.

States of Nature	Probability	Conditional cost in (Rs).		
		A ₁	A ₂	A ₃
E ₁	0.2	40	20	35
E ₂	0.3	50	0	45
E ₃	0.5	80	-10	60

P.T.O

- c) For the following payoff table with corresponding probabilities. Obtain the best decision using EMV Criterion.

States of Nature	Course of action			Probability
	A	B	C	
E ₁	15	25	0	0.4
E ₂	30	50	17	0.2
E ₃	40	-10	13	0.3

- d) Represent the following decision making problem by a decision tree.

Action	Status of nature		
	E ₁	E ₂	E ₃
A ₁	20	42	-12
A ₂	55	7	25
Probability	0.2	0.3	0.5

-----End-----

- d) A machine is used for producing two products A and B. Product A is produced by using 3 units of chemical salt and 2 units of chemical mixture. Product B is produced by using 2 units of chemical salt and 4 units of chemical mixture. only 1000 units of chemical salt and 1500 units of mixture are available. The profit on product A is Rs.25 and on B it is Rs.20 per unit. Formulate the L.P.P to maximize the profit.

SECTION-II

Q3. Attempt any **THREE**:

(15)

- a) The average marks of 100 boys in a class are 45. The mean marks of entire class of 150 students are 50. Find the mean marks of the remaining group of girls.

- b) Calculate D_5 and P_{60} for the following data :

Marks	0-10	10-20	20-30	30-40	40-50
No. of students	22	38	46	35	19

- c) Find mean and standard deviations for the following:

Age in years	0-5	5-10	10-15	15-20	20-25	25-30
No. of persons	7	12	13	13	13	4

- d) Calculate mean deviation from mean for the following data:

Age	5	10	15	20	25	30	35
No. of students	1	3	7	8	5	4	2

P.T.O