

2018

Full Marks - 70

Time - As in the Programme

The figure in the right hand margin indicate marks.

Answer questions from all Section as directed therein.

Section – A

Answer any THREE : [12×3=36

1. What is the difference between GDP & GNP ?
Which one is the better measure of income ?
Why ?
2. Explain Keynes psychological law of consumption function, what is its implication in theory of employment ?
3. Critically explain Keynesian theory of investment function.
4. Explain how the equilibrium rate of interest is determine with the help of LM and IS model.

[Cont...

[2]

5. Distinguish between BOP and BOT, and explain why BOP is always balance.

Section – B

Answer any THREE :

[8×3=24

1. "Inflation is unjust; deflation is inexpedient of the two inflation is worse". Explain.
2. Saving and investment are equal not at full employment, explain.
3. Why do the economists use real GDP rather than nominal GDP to gauge economic well-being ?
4. What is business cycle ? Explain different phases of it.
5. Discuss the output adjustment process in a Simple Keynesian Model. In this context mention the justification of the assumption that MPC is less than one.

Section – C

Answer any TWO :

[5×2=10

1. Explain different component of demand for money.
2. What are the important of monetary policy in Marco economy ?

[Cont...

[3]

3. What is induced investment ?
4. Distinguish between economic development and economic growth.

Section – D (Assignment)

Answer any TWO : (Word Limit : 300)

1. Define National Income. Explain how NI is measured with value added and expenditure methods. What are its limitations ?
2. Explain Keynes psychological law of consumption function. What is its implication in theory of employment ?
3. Critically explain Keynesian theory of investment function.
4. Explain how the equilibrium rate of interest is determined with the help of LM and IS model.
5. Distinguish between BOP and BOT and explain BOP is always balance.



DDCE - V - S - (5Yr.) -

IMBA - 21 - (IEME) - R & B

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*The figures in the right-hand margin indicate marks.**Answer questions from all Section as directed therein.***SECTION-A**Answer any three: 12×3=36

1. What is L.P.P.? Explain atleast five application and also explain standard form of L.P.P.
2. Solve the L.P.P. using graphical method:
Max $z = 10x + 6y$
Subject to constraint:
 $5x + 3y \leq 30$
 $x + 2y \leq 18$
 $x, y \geq 0$.
3. Solve the L.P.P. using simplex method

Max $z = 40x + 10y$

Subject to constraint:

$2x + y \leq 50$

$2x + 5y \leq 100$

$2x + 3y \leq 90$

$x, y \geq 0$.

[Turn over]

[2]

4. Find total transportation cost from the following information:

Company	Godown				Supply
	A	B	C	D	
I	13	15	19	16	250
II	18	20	16	12	300
III	23	26	15	12	400
Demand	200	225	275	250	

5. Describe the branch and bound method for the solution of integer programming problem.

SECTION-B

Answer any three:

8×3=24

6. Find assignment cost from the following data:

	M ₁	M ₂	M ₃	M ₄
J ₁	9	8	12	11
J ₂	7	6	5	4
J ₃	3	9	8	6
J ₄	9	8	12	11

7. Determine the sequencing for the five jobs that will minimise the elapsed time. (hours):

Job:	A	B	C	D	E
M_1 :	5	1	9	3	10
M_2 :	2	6	7	8	4
M_3 :	4	3	2	6	10

8. Find the value of game:

		Player B		
Player A		B_1	B_2	B_3
A_1		10	5	-2
A_2		13	12	15
A_3		16	14	10

9. Prove that the dual of the dual is the primal.
10. From the following information, find Maximin, Minimax, Laplace and Hurwitz's Criterion decisions:

		Decisions		
State of Nature		A_1	A_2	A_3
S_1		220	180	100
S_2		160	190	180
S_3		140	170	200

[4]

SECTION-C

4.

Answer any two:

5×2=10

11. Write short notes on dominance property.
12. What are the steps involved in Post optimal analysis.
13. Write short notes on decision tree.
14. Explain the limitations of L.P.P.

GROUP-D Assignment

Paper: 22(OR)

Word limit: 300

5.

Answer any two:

1. Solve the α PP using simplex method:

$$\text{Max } z = 3x + 2y$$

Subject to constraint:

A1

$$x + y \leq 4$$

6.

$$x - y \leq 2$$

$$x, y \geq 0$$

2. Use revised simplex method to solve the L.P.P.:

$$\text{Min } z = x + 2$$

Subject to constraint:

$$x + 2y \geq 7$$

$$4x + y \geq 6$$

$$x, y \geq 0$$

3. Use dual simplex method to solve the following L.P.P.:

$$\text{Max } z = 3x_1 - x_2$$

Subject to constraint:

$$x_1 + x_2 \geq 1$$

$$2x_1 + 3x_2 \geq 2$$

$$x_1, x_2 \geq 0$$

4. Find optimal transportation cost:

Storehouse

	P	Q	R	S	Supply
Company A	21	16	25	13	11
Company B	17	18	14	23	13
Company C	31	17	18	41	19
Demand	6	10	12	15	

5. Find the value of game, using dominance rule:

Player-B		B ₁	B ₂	B ₃	B ₄
Player-A	A ₁	3	2	4	0
	A ₂	3	4	2	4
	A ₃	4	2	4	0
	A ₄	0	4	0	8

2018

Full Marks : 40

Time : As in the programme

*The figures in the right-hand margin indicate marks.**Answer questions from all section as directed therein.***SECTION-A**

Answer any two:

12×2=24

1. Briefly discuss the essentials of a good business letter.
2. You have recently opened your new office and eager to set it with latest equipments and new appliances. Write a letter to the supplier of office equipments and appliances to provide the latest catalogue.
3. Discuss various barriers of effective communication. Provide any two ways to make communication effective.

SECTION-B

Answer any one:

6×1=6

4. Write a paragraph on the topic "Organising the writing is the key to clarity."

[Turn over]

[2]

5. Draft an advertisement for the post of Lady Receptionist in a multinational company trading in baby care products.

SECTION-C

Answer any two:

5×2=10

6. Write short notes on any two of the following:
- Appendices,
 - Report,
 - CV,
 - Copyright
7. What do you mean by Note taking and Note making?
8. What is paragraph writing? How is it different from precis writing?
9. What is non-verbal communication? Give examples.

GROUP-D Assignment

Paper-23 (WOC)

Answer any two:

Word limit : 300

1. Discuss the factors that affect non verbal communication. Explain with examples.

2. Justify the importance of making and taking notes in a business setup.
 3. A multinational company had advertised for management trainees for its new office at Ranchi. Prepare your CV.
 4. Imagine that you have lost your wallet which contained your Identity card, ATM card, Visa cards and some money on your way home. Write a letter to the bank informing them about the accident and asking them to do the needful.
 5. Which is more important spoken or written communication? Justify.
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DDCE - V - S - (5Yr.) -
IMBA - 24 - (CISC) - R & B

2018

Full Marks - 70

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*The figure in the right hand margin indicate marks.
Answer questions from all Section as directed therein.*

Section - A

Answer any THREE :

[12×3=36

1. Discuss the concept of Unity and diversity of Indian Culture ?
2. Discuss, how liberalization and globalization influenced in Indian Society ?
3. Give an account on the cultural attainments during the Gupta period in ancient India.
4. Discuss various factors responsible for the growth of nationalism in 19th century India.

[Cont...

[2]

5. Write an essay on the contribution of Jawaharlal Neheru to Indian freedom struggle.

Section – B

Answer any THREE : **[8×3=24**

1. Define Social Integration and its various approaches.
2. Briefly discuss the modernization and its role on social change.
3. Discuss in brief the concept of Bharatavarsha.
4. Write notes on the contributions and history of Arya Samaj.
5. Write notes on the life and teaching of Gautam Budha.

Section – C

Answer any TWO : **[5×2=10**

1. Write short notes on any TWO :
 - (a) Gandhar School of Art.
 - (b) Rabindranath Tagore.

[Cont...

[3]

- (c) Muhammad Ali Jinnah.
- (d) The Civil Disobedience Movement.

Group – D (Assignment)

Answer any TWO : (Word Limit : 1000)

1. Discuss the different approaches to social integration.
2. Describe the impact of globalization on Indian Society and Culture.
3. Make an analysis on the roots of Indian Culture.
4. Give an account on the external impact on Indian Culture.
5. Discuss the role of Mahatma Gandhi in the freedom struggle of India.



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IMBA - 24 - (CISC) - R & B

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*The figures in the right-hand margin indicate marks.**Answer questions from all section as directed therein.***SECTION-A**Answer any **three**:

12×3=36

1. "Search for facts should be made by scientific method rather than by arbitrary method"—Discuss.
2. Explain types of field study. What are the steps involved in a field study?
3. Explain the need of review of literature. Write the purpose of review and sources of review of literature.
4. Explain different types of hypothesis. Write sources, functions and characteristics of hypothesis.
5. Explain different types of sampling techniques. Write its suitability, advantages and disadvantages.

[Turn over]

SECTION-BAnswer any **three**: $8 \times 3 = 24$

6. Describe the commonly used format for writing research report.
7. What do you mean by coding? What are the steps involved in coding and also explain guidelines to be followed in coding?
8. Explain different types of sealing techniques.
9. A company claims that life of its product is 1600 hours. A sample of 100 units was tested and mean life of its product was found to be 1570 hours with S.d of 120 hrs. Test the claims of company at 5% level of significance. $|z| = 196$.
10. Test at 5% level of significance that whether the drug has been effective in curing the diseases.

	No. of Person given	
	Drug	No drug
Cured	55	65
Not cured	45	35

$$\chi^2, 0.05, 1.df = 3.84.$$

SECTION-C

Answer any two:

5×2=10

11. Explain qualities of questionnaire.
12. Explain precautions in the use of secondary data.
13. Explain ex post facto research.
14. Write short notes on 'F' test.

GROUP-D Assignment

Paper-25 (Research Methodology)

Answer any two:

Word limit : 300

1. What do you mean by research? Explain different types of research with giving suitable example.
2. What is research process? What are the stages involved in research process? Explain.
3. Differentiate between primary and secondary data. What are the methods involved in collection of primary data?
4. What are the procedures involved in random sampling? Explain.