

Test Booklet No. \_\_\_\_\_

This booklet consists of 100 questions and \_\_ printed pages.

RGUCET/2025/03

Series

A

**RGUCET 2025**  
**Common Entrance Test, 2025**  
**MASTER OF ARTS (ECONOMICS)**

**Full Marks: 100**

**Time: 2 Hours**

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Roll No.

Day and Date of Examination: \_\_\_\_\_

Signature of Invigilator(s) \_\_\_\_\_

Signature of Candidate \_\_\_\_\_

*General Instructions:*

***PLEASE READ ALL THE INSTRUCTIONS CAREFULLY BEFORE MAKING ANY ENTRY.***

1. DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO.
2. Candidate must write his/her Roll Number on the space provided.
3. This Test Booklet contains 100 Multiple Choice Questions (MCQs) from the concerned subject. Each question carries 1 mark. There shall be negative marking of 0.25 against each wrong attempt.
4. Please check the Test Booklet to verify that the total pages and total number of questions contained in the test booklet are the same as those printed on the top of the first page. Also check whether the questions are in sequential order or not.
5. Candidates are not permitted to enter into the examination hall after the commencement of the entrance test or leave the examination hall within one hour thirty minutes.
6. Making any identification mark in the OMR Answer Sheet or writing Roll Number anywhere other than the specified places will lead to disqualification of the candidate.
7. Candidates shall maintain silence inside and outside the examination hall. If candidates are found violating the instructions mentioned herein or announced in the examination hall, they will be summarily disqualified from the entrance test.
8. In case of any dispute, the decision of the Entrance Test Committee shall be final and binding.
9. The OMR Answer Sheet consists of two copies, the Original copy and the Student's copy.

1	He said, "I can swim." Choose the correct indirect speech from the options:				A								
	a) He said that he could swim.	b) He said that he can swim.	c) He said that I could swim	d) He said I may swim.	a) He said that he could swim.								
2	Which of the following is a non-finite clause?				C								
	a) She went to the park.	b) They are running to catch the bus.	c) Having finished the task, he went home.	d) He works hard every day.	c) Having finished the task, he went home.								
3	Choose the correct verb to complete the sentence: "Neither the teacher nor the students _____ coming to the event."				D								
	a) is	b) was	c) at	d) are	d) are								
4	Which one of the following is true? A. When Lobsang was sleeping, Tashi reached home. B. When Lobsang slept, Tashi reaches home. C. When Lobsang slept, Tashi reached home. D. When Lobsang would sleep, Tashi reached home.				Only A is true								
	a) Only A is true	b) Only B is true	c) All are true	d) Both C and D are true	(a)								
5	Match the following pairs of synonyms: <table border="1"><tr><td>A. Companion</td><td>i. Country-men</td></tr><tr><td>B. Arrogant</td><td>ii. Compassionate</td></tr><tr><td>C. Compatriot</td><td>iii. Partner</td></tr><tr><td>D. Empathy</td><td>iv. haughty</td></tr></table>				A. Companion	i. Country-men	B. Arrogant	ii. Compassionate	C. Compatriot	iii. Partner	D. Empathy	iv. haughty	a
A. Companion	i. Country-men												
B. Arrogant	ii. Compassionate												
C. Compatriot	iii. Partner												
D. Empathy	iv. haughty												
	a) A-iii, B-iv, C-i, D-ii	b) A-ii, B-iv, C-iii, D-i	c) A-iv, B-ii, C-i, D-iii	d) A-iii, B-iv, C-ii, D-i	A-iii, B-iv, C-i, D-ii								
6	Find the True statements:  A. Arunachal Pradesh is the biggest state of North East India in terms of area B. Reserve Bank of India is the central bank of the country C. Indian economic system is a purely capitalist system D. Delhi is one of the states of India and Kerala is one of the union territories of India				b								
	a) Only A	b) Both A and B	c) A, B and C	d) All									

7	Match the following pairs:				a
	A. Odissi dance		i. Outstanding Performance in Sports and Games		
	B. Dadasaheb Phalke Award		ii. Outstanding books of literary merit published in any of the major Indian languages		
	C. Sahitya Akademi Award		iii. India's highest award in the field of cinema		
	D. Arjuna Award		iv. <i>a classical Indian dance form</i>		
	a)A-iv, B-iii, C-ii, D-i	b) A-iii, B-iv, C-ii, D-i	c) A-iv, B-iii, C-i, D-ii	d) A-iv, B-ii, C-iii, D-i	
8	Who was the first to calculate the circumference of the Earth?				C
	a) Aristotle	b) Albert Einstein	c) Eratosthenes	d) Galileo	c) Eratosthenes
9	What was the first vaccine ever developed?				D
	a) Polio	b) Tuberculosis	c) Rabies	d) Small Pox	d) Small Pox
10	Which of the followings are true? A. Barak is a tributary of the Brahmaputra. B. Dikrong is a tributary of the Brahmaputra. C. The Brahmaputra is a trans-boundary river. D. According to Hindu mythology the Brahmaputra is the son of Brahma.				Only B, C and D are true.
	a) All the statements are true.	b) Only B and C are true.	c) Only B, C and D are true.	d) only B is true.	(c)
11	Asian Games 2026 will be held in .....				Japan
	a) India	b) China	c) Thailand	d) Japan	(d)
12	Last population census in India was done in .....				2011
	a) 2001	b) 2011	c) 2021	d) 2023	(b)
13	Match the following Indian states and their chief ministers:				A- iv B- iii C- ii D -i
	A. Goa		i. Pinarayi Vijayan		
	B. Jammu and Kashmir		ii. Devendra Fadnavis		
	C. Maharastra		iii. Omar Abdullah		
	D. Kerala		iv.Pramod Pandurang Sawant		
	a) A-iv, B-iii, C-ii, D-i	b) A-ii, B-iii, C-iv, D-i	c) A-iii, B-iv, C-ii, D-i	d) A-iv, B-i, C-ii, D-iii	(a)
14	Who is the present secretary general of United Nations?				Antonio Guterres

	a) Antonio Guterres	b) Ban Ki Moon	c) Kofi Annan	d) Mario Soares	(a)
15	Which of the following statements regarding United Nations are true? A. General Assembly is composed of representatives from all the member countries. B. Security council is consisting of 10 member countries. C. International court of Justice has its seat in New York. D. UN secretariat is situated in London.				Only A is true
	a) All are true.	b) All are false	c) Only A is true	d) Only B is true	(c)
16	The missing letter of the series B,D,G,....,P,V is				
	a) K	b) L	c)M	d)N	a
17	If BINA is coded as 26, ARUL will be coded as.....				
	a) 50	b) 46	c) 24	d) 52	d
18	<b>Statement:</b> All pens are blue. Some blue things are books. <b>Conclusion:</b> Some pens are books.				C
	a) Statement is true conclusion is false	b) Statement is false conclusion is true	c) Cannot be concluded	d)All are universally true	c) Cannot be concluded
19	If Ritu is the sister of Amit, and Amit is the son of Maya, who is Maya to Ritu?				B
	a) Aunt	b) Mother	c)Grandmother	d) Cousin	b) Mother
20	A man walks 6 km towards south. Then he takes a 90 <sup>0</sup> right turn and walks 8 km. What is the distance between his current location and the starting point?				b
	a) 8 km	b) 10 km	c) 14 km	d) 20 km	10 km
21	An indifference curve represents:				D
	a) Constant cost combinations.	b) Linear relationships.	c) Increasing marginal substitution.	d) Same level of utility	d) Same level of utility
22	Perfect competition assumes the following conditions: A. Homogeneous products B. Price makers C. Free entry and exit D. Perfect information E. Government price controls Choose the correct answer from the options given below				B
	a)A, B, D only	b) A, C, D only	c)A, D, E only	d) all of the above	b) A, C, D only
23	Monopoly profit maximization occurs at:				D
	a) Price = MC when MC cuts MR from below	b) MR=AC	c) Price =AVC	d) MR=MC when MC cuts MR from below	d) MR=MC when MC cuts MR from

					below
24	Consumer equilibrium occurs when: A. Budget line is tangent to indifference curve B. Marginal Rate of Substitution equals price ratio C. Marginal utility is minimum D. Marginal utility of money is zero Choose the correct answer from the options given below				B
	a) A, C, D only	b) A, B only	c) B, D, E only	d) A, B, E only	b) A, B only
25	Revealed Preference Theory was introduced by				C
	a) Alfred Marshall	b) John Hicks	c) Paul Samuelson	d) Adam Smith	c) Paul Samuelson
26	The Law of Variable Proportions applies in the:				A
	a) Short run	b) Long run	c) Both	d) Neither short or long run	a) Short run
27	A production function under perfect competition exhibits increasing returns to scale if: A. Output doubles when all inputs are doubled B. Output more than doubles when all inputs are doubled C. Average cost increases as output expands D. Economies of scale are present E. Marginal product of input is constant Choose the correct answer from the options given below				Answer
	a) A, B, D only	b) B & D only	c) A, C, D only	d) B, D, E only	b) B & D only
28	<i>Given below are the two statements: One is labelled as Assertion A and the other is labelled as Reasons R</i> <b>Assertion (A):</b> Warlasian general equilibrium analysis is essential to understand overall efficiency in the economy. <b>Reason (R):</b> It captures the interdependence of different markets and agents. <i>In the light of above statements choose the most appropriate answer from the options given below:</i>				A
	a) Both A and R are true and R is the correct explanation of A	b) Both A and R are true but R is NOT the correct explanation of A	c) A is true but R is false	d) A is false but R is true	a) Both A and R are true and R is the correct explanation of A
29	The "real GDP" can be obtained by adjusting for:				C
	a) Deflation	b) Unemployment	c) Inflation	d) Interest Rate	c) Inflation
30	A "youth bulge" refers to:				A

	a) A population with a larger share of youth	b) Increasing urbanization	c) Declining birth rates	d) Increase in Maternal Mortality Rate	a) A population with a larger share of youth								
31	Which measures were part of India's 1991 reforms?  A. Devaluation of the rupee B. Encouraging foreign investments C. Disinvestment in PSUs D. Nationalization of banks				B								
	a) A, B, C, D	b) A, B, C only	c) A, C, D only	d) A, B, D only	A, B, C only								
32	Given below are the two statements: One is labelled as <b>Assertion A</b> and the other is labelled as <b>Reasons R</b> Assertion (A): Fiscal deficits are always harmful to the economy. Reason (R): Fiscal deficits can stimulate growth during recessions by boosting demand. In the light of above statements choose the most appropriate answer from the options given below:				D								
	a) Both A and R are true, and R is the correct explanation of A.	b) Both A and R are true, but R is NOT the correct explanation of A.	c) A is true, but R is false.	d) A is false, but R is true.	A is false, but R is true.								
33	Match the following and choose the correct options given below: <table border="1"><tr><td>A. Adam Smith</td><td>i. Comparative advantage</td></tr><tr><td>B. David Ricardo</td><td>ii. Absolute advantage</td></tr><tr><td>C. Heckscher &amp; Ohlin</td><td>iii. Factor endowments</td></tr><tr><td>D. Paul Krugman</td><td>iv. New Trade Theories</td></tr></table>				A. Adam Smith	i. Comparative advantage	B. David Ricardo	ii. Absolute advantage	C. Heckscher & Ohlin	iii. Factor endowments	D. Paul Krugman	iv. New Trade Theories	D
A. Adam Smith	i. Comparative advantage												
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D. Paul Krugman	iv. New Trade Theories												
	a) A-iii, B-ii, C- i, D- iv,	b) A-iv, B-iii, C- ii, D- i,	c) A-ii, B-iv, C- iii, D- i	d) A-ii, B-i, C- iii, D- iv,	A-ii, B-i, C- iii, D- iv,								
34	Which of the following is a consideration in optimal taxation theory? A. Efficiency B. Equity C. Administrative simplicity D. Externality				B								
	a)A and D only	b) A, B, and C only	c)B and D only	d) C and D only	A, B, and C only								
35	Which of the following is a feature of the Union Budget?				C								
	a) It is presented	b ) It includes	c) It is presented	d) It focuses	c. It is								

	by the Prime Minister	only capital expenditure	under Article 112 of the Indian Constitution	solely on state finances	presented under Article 112 of the Indian Constitution										
36	During the process of production, the wear and tear of the capital goods is known as .....				Depreciation										
	a) Depreciation	b) Inventory	c) Propulsion	d) Factorial	(a)										
37	In the national income accounting: A: <b>Assertion:</b> Gross domestic product is the income accrued within the geographical boundary of a country; while gross national product is the income accrued to the residents of a country. B: <b>Justification:</b> Gross domestic product of a country is always greater than that of gross national product of that country.				Only A is true										
	a) Only A is true	b) Only B is true	c) Both A and B are true, and B gives proper justification of A	d) Both A and B are true, but B does not give proper justification of A	(a)										
38	Which of the following statements are true? A. Increase in national income always leads to an increase in the level of employment. B. Savings is a part of national income. C. Increase in National income is the precondition for clean environment. D. Higher level of consumption reduces national income of a country.				Only B is true										
	a) Only A is true	b) Only B is true	c) Both A and C are true	d) Both B and D are true	(b)										
39	At natural rate of employment, the Phillip's curve is .....				Vertical straight line										
	a) Upward sloping	b) Downward sloping	c) Horizontal straight line	d) Vertical straight line	(d)										
40	Match List 1 and List 2: <table><tr><td>List 1</td><td>List 2</td></tr><tr><td>A. Increase in wage cost</td><td>i. Do not have any impact on national income.</td></tr><tr><td>B. Increase in the value of land</td><td>ii. Reduces national income</td></tr><tr><td>C. Increase in depreciation cost</td><td>iii. Is inconclusive about its impact on national income.</td></tr><tr><td>D. Increase in rate of unemployment</td><td>iv. Leads to increase in national income.</td></tr></table>				List 1	List 2	A. Increase in wage cost	i. Do not have any impact on national income.	B. Increase in the value of land	ii. Reduces national income	C. Increase in depreciation cost	iii. Is inconclusive about its impact on national income.	D. Increase in rate of unemployment	iv. Leads to increase in national income.	A=iv B=i C= ii D=iii
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	a) A - ii, B-iii, C- i,	b) A - iii, B-i, C- ii,	c) A – ii, B-i, C- iv,	d) A-iv, B-i, C- ii,	(d)										

	D- iv	D- iv	D- iii	D-iii											
41	Psychological law of consumption states that when the income of the consumer increases;				MPC decreases										
	a) MPC also increases	b) MPC decreases	c) MPC remains constant	d) MPC approaches to 1	(b)										
42	An extreme values will always have a bearing upon.....				Mean										
	a) Median	b) Mean	c) Mode	d) None of the above	(b)										
43	For an individual researcher: A. Census report is a source of primary data. B. Reports published by NSSO are sources of secondary data. C. Field investigation made by the Researcher is a source of primary data. D. Data collected from the published reports of Medical department is a source of primary data.				Only B and C are correct										
	a) All are correct	b) Only B and C are correct	c) Only A and D are correct	d) Only C is correct	(b)										
44	<b>A: Assertion:</b> In sampling, some specific items of the population are selected for study; which are representative of the population. <b>B: Justification:</b> It is done to save time and money.				Both A and B are true, and B gives proper justification of A										
	a) Only A is true	b) Only B is true	c) Both A and B are true, and B gives proper justification of A	d) Both A and B are true, but B does not give proper justification of A	(c)										
45	Match List 1 and List 2: <table><tr><td>List 1</td><td>List 2</td></tr><tr><td>A. Range</td><td>i. Is a method to estimate linear regression m</td></tr><tr><td>B. Geometric Mean</td><td>ii. Is a graph to represent data</td></tr><tr><td>C. Ogive</td><td>iii. Is a measure of central tendency</td></tr><tr><td>D. Ordinary Least Square</td><td>iv. Is a measure of dispersion</td></tr></table>				List 1	List 2	A. Range	i. Is a method to estimate linear regression m	B. Geometric Mean	ii. Is a graph to represent data	C. Ogive	iii. Is a measure of central tendency	D. Ordinary Least Square	iv. Is a measure of dispersion	A= iv B=iii C=ii D=i
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	a) A-ii, B-iii, C-iv, D-i	b) A- iv, B-iii, C-ii, D-i	c) A- iv, B-i, C-ii, D-iii	d) A- iii, B-iv, C-ii, D-i	(b)										
46	Which of the following statements are true regarding correlation coefficient? A. Correlation coefficient lies between 0 and 1. B. Correlation coefficient is independent of the changes of origin and scale. C. Correlation coefficient is a unit less number. D. Correlation coefficient is inversely proportionate to mean.				Only B and C are correct										
	a) All are correct	b) None is correct	c) Only A and B are	d) Only B and C are	(d)										



			correct	correct	
47	Which of the following is a measure of dispersion?				Range.
	(a) Geometric mean.	(b) Range.	(c) Mode.	(d) Index Number	(b)
48	Match List 1 and List 2:				A=iii
	List 1		List 2		B=iv
	A. Parameter		i. Measure of dispersion		C=i
	B. Statistic		ii. Square of standard deviation		D=ii
	C. Mean deviation		iii. Population Characteristics		
	D. Variance		iv. Sample characteristics		
	a) A=iii, B=iv, C=i, D=ii	b) A=ii, B=iv, C=i, D=iii	c) A=iv, B=iii, C=i, D=ii	d) A=iv, B=iii, C=ii, D=i	(a)
49	The most frequent item of the series around which other items are densely populated is known as.....				Mode
	a) Arithmetic Mean	b) Median	c) Mode	d) Geometric Mean	(c)
50	Which of the following statements are true regarding regression coefficient? A. The correlation coefficient is the geometric mean of regression coefficients. B. The correlation coefficient and the two regression coefficients are simultaneously positive or simultaneously negative. C. The product of two regression coefficients cannot exceed unity. D. The two regression coefficients are independent of change of origin, but dependent on the change of scale.				All are true.
	a) All are true.	b) None are true.	c) Only A and D are true.	d) Only B and C are true.	(a)
51	Match List 1 and List 2 according to the concepts of matrix algebra:				A=ii
	List 1		List 2		B=iii
	A. Trace of a Matrix		i. Value of the determinant is zero.		C=iv
	B. Rank of a Matrix		ii. Sum total of the elements on the principal diagonal		D=i
	C. Norm of a Matrix		iii. Number of linearly independent rows/columns.		
	D. Singular Matrix		iv. Highest column sum		
	a) A=iv, B=iii, C=ii, D=i	b) A=ii, B=i, C=iv, D=iii	c) A=ii, B=iii, C=iv, D=i	d) A=iii, B=i, C=iv, D=ii	(c)
52	What is rank of a matrix?				Number of linearly independent rows/columns.
	a) Highest column sum.	b) Number of linearly independent rows/columns.	c) Sum total of the values on the principal diagonal.	d) Total number of rows and column.	(b)

53	In an identity matrix, what is the largest column sum?				1										
	a) 1	b) 0	c) Equal to number of rows.	d) Equal to number of columns.	(a)										
54	Given the total cost function $C=10Q^2+12.5Q - 29$ , where Q is the level of output. What is the marginal cost function?				$20Q + 12.5$										
	a) $10Q + 12.5$	b) $10Q+12.5 - \frac{29}{Q}$	c) $20Q + 12.5$	d) $10Q^2+12.5Q$	(c)										
55	<b>A: Assertion:</b> All the identity matrices are square matrices, but all the square matrices may not be an identity matrix.  <b>B: Justification:</b> Because an identity matrix has equal number of rows and columns, and all the elements on the principal diagonal are 1.				Both A and B are true, and B is the correct explanation of A.										
	a) Both A and B are true, and B is the correct explanation of A.	b) Both A and B are true, but B is not the correct explanation of A.	c) Only A is true.	d) Only B is true	(a)										
56	Match List 1 and List 2: <table><tr><td>List 1</td><td>List 2</td></tr><tr><td>A. Square matrix</td><td>i. Determinant of that matrix is 0.</td></tr><tr><td>B. Unit Matrix</td><td>ii. All the elements on the principal diagonal are equal but off diagonal elements are zero.</td></tr><tr><td>C. Singular matrix</td><td>iii. Is a square matrix.</td></tr><tr><td>D. Scalar Matrix</td><td>iv. Number of rows equal to number of columns.</td></tr></table>				List 1	List 2	A. Square matrix	i. Determinant of that matrix is 0.	B. Unit Matrix	ii. All the elements on the principal diagonal are equal but off diagonal elements are zero.	C. Singular matrix	iii. Is a square matrix.	D. Scalar Matrix	iv. Number of rows equal to number of columns.	A=iv B= iii C=i D= ii
List 1	List 2														
A. Square matrix	i. Determinant of that matrix is 0.														
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57	Linear programming is a constraint optimization, where....				At least some of the constraints are expressed as inequality.										
	a) at least some of the constraints are expressed as inequality.	b) the objective function is expressed as inequality.	c) All the constraints are necessarily expressed as equality.	d) objective function is equal to the constraint.	(a)										

58	In a perfectly competitive market, the total revenue function of a seller is $TR=10Q$ and the total cost function is $TC=1000+2Q+0.01Q^2$ , where $Q$ is the level of output. Derive the equilibrium level of output.				400
	a) 1000	b) 100	c) 400	d) 500	(c)
59	Which of the following statements regarding matrix algebra are true? A. Two matrices can be added if they are of same order B. Two matrices can be multiplied if the number of columns in the first matrix is equal to the number of rows in the second matrix. C. If the determinant of a matrix is zero, the inverse of the matrix does not exist. D. If two rows of a matrix are similar, the determinant of that matrix is zero.				All are true.
	a) All are true.	b) None are true.	c) Only A and D are true.	d) Only B and C are true.	(a)
60	The demand Curve of Giffen goods is				(b)
	a) Downward sloping	b) Upward sloping	c) Vertical	d) Horizontal	(b) Upward sloping
61	Change in demand occurs due to the change in.....				(d)
	a) Income	b) Prices of related goods	c) Taste and Preference	d) All of these	(d) All of these
62	Which of the following statement(s) is/are True?  A. The Substitution effect for a commodity is always negative B. The Substitution effect for a commodity depends upon the nature of the commodity C. The Substitution effect of a commodity depends upon price effect. D. The substitution effect of a commodity is sometimes negative and sometimes positive.				(a)
	a) Only A is true	b) A and B are true	c) B and C are true	d) All are true	(a) Only A is true
63	The shape of average fixed cost curve is....				(a)
	a) Rectangular hyperbola	b) U-shaped	c) Straight line	d) Upward slopping	(a) Rectangular hyperbola
64	In perfect competition, marginal revenue of an individual firm .....				(a)
	a) Equals the price of the product	b) Less than the price of the product	c) exceeds the price of the product	d) is zero	(a) Equals the price of the product

65	A firm that shuts down and produces no output if it incurs a loss equal to its....				(b)
	a) Marginal cost	b) Total fixed costs	c) Total variable costs	d) Average cost	(b) Total fixed costs
66	Which of the following statement(s) is/are True? At a firm's break-even point.....  A. Marginal revenue equals its average fixed cost B. Marginal revenue equals its average variable cost. C. Total revenue equal its total costs. D. Marginal revenue exceeds its marginal cost.				(d)
	a) Only A is true	b) B and A are true	c) B and D are true	d) Only C is true	(d) Only C is true
67	In which of the following sectors, Arunachal Pradesh has high potential?				d)
	a) Nature-based tourism	b) Hydropower	c) Horticulture	d) All of the above	d) All of the above
68	Which of the following is the most liquid form of money?				a
	a) Currency	b) Demand deposit	c) Time deposit	d) Treasury bills	Currency
69	Which of the following statement(s) is/are true?  A. Inflation refers to sustained rise in general price level. B. During hyper-inflation value of money becomes very high. C. Cost push inflation occurs due to rise in wages. D. During inflation cash reserve ratio should be reduced.				b
	a) Only A and B are true	b) Only A and C are true	c) Only A, B and C are true	d) All are true	Only A and C are true
70	If the wholesale price index for 2022 and 2023 are 110 and 120, then the inflation rate will be...				c
	a) 5%	b) 8.33%	(c) 9.09%	(d) 10.50%	9.09%
71	Which of the following is not an instrument of monetary policy?				d
	a) Bank rate	b) Cash reserve ratio	(c) Margin requirement	(d) Seigniorage	Seigniorage
72	Which of the following statement(s) is/are true?  A. Public debt is an instrument of fiscal policy. B. Government borrowings lead to net addition to public debt. C. During inflation government should postpone repayment of debt. D. Public debt doesn't increase income inequality.				c
	a) Only A is true	b) Only A and B are true	c) Only A, B and C are true	d) All are true	Only A, B and C are

					true								
73	Given the assertion and justification, choose the correct answer.  A: Assertion: Central bank is the lender of the last resort.  B: Justification: Central bank uses various instruments to control money supply.				d								
	a) Only A is true	b) Only B is true	c) Both A and B are true and B is the correct justification of A	d) Both A and B are true and B is not the correct justification of A	Both A and B are true and B is not the correct justification of A								
74	How is the deadweight loss of a tax related to elasticity of demand?				a								
	a) Directly	b) Inversely	(c) indirectly	(d) Not related	Directly								
75	High-powered money consists of....				b								
	a) Currency with public + demand deposits	b) Currency with public + Cash reserves of banks	(c) Currency with public + Time deposits	(d) Demand deposits + Time deposits	Currency with public + Cash reserves of banks								
76	Match the following: <table border="1"><tr><td>A. Absolute income hypothesis</td><td>(i) Duesenberry</td></tr><tr><td>B. Relative income hypothesis</td><td>(ii) Keynes</td></tr><tr><td>C. Life cycle hypothesis</td><td>(iii) Friedman</td></tr><tr><td>D. Permanent income hypothesis</td><td>(iv) Modigliani</td></tr></table>				A. Absolute income hypothesis	(i) Duesenberry	B. Relative income hypothesis	(ii) Keynes	C. Life cycle hypothesis	(iii) Friedman	D. Permanent income hypothesis	(iv) Modigliani	d
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77	Which of the following transactions are called invisible items in balance of payments?				d								
	a) Financial services	b) Education	(c) Medical services	(d) All of the above	All of the above								

78	Which of the following statement(s) is/are true?  A. Speculative demand for money is a function of interest rate. B. Speculative demand for money is positively related to interest rate. C. Speculative demand for money is infinitely elastic at liquidity trap. D. Transaction demand for money is also a function of interest rate.				c
	a) Only A is true	b) A and B are true	c) A and C are true	d) All are true	A and C are true
79	Given the assertion and justification, choose the correct answer.  A: Assertion: When the economy is facing inflation, the central bank raises cash reserve ratio.  B: Justification: Increase in cash reserve ratio reduces the ability of commercial banks to create credit.				c
	a) Only A is true	b) Only B is true	c) Both A and B are true and B is the correct justification of A	d) Both A and B are true and B is not the correct justification of A	Both A and B are true and B is the correct justification of A
80	Given $MPC = 0.75$ , value of multiplier will be.....				c
	a) 0.25	b) 2	(c) 4	(d) 5	4
81	What is the shape of long-run Phillips curve?				c
	a) Downward slopping	b) Upward slopping	(c) Vertical straight line	(d) U-shaped	Vertical straight line
82	Given the assertion and justification, choose the correct answer.  A: Assertion: According to Harrod-Domar model investment plays dual role; increases productive capacity and also increases income.  B: Justification: In this model, growth rate is equal to the ratio of saving rate and capital-output ratio.				d
	a) Only A is true	b) Only B is true	c) Both A and B are true and B is the correct justification of A	d) Both A and B are true and B is not the correct justification of A	Both A and B are true and B is not the correct justification of A

83	If the frequency of $X_i$ is $f_i(i=1,2,\dots,n)$ such that $N=\sum f_i$ , then $\bar{X} = \dots$				c								
	a) $\frac{\sum X_i}{n}$	b) $\frac{\sum f_i X_i}{n}$	c) $\frac{\sum f_i X_i}{N}$	d) $\frac{\sum X_i}{N}$									
84	The correct matching pairs are: <table border="1"><tr><td>A. Median</td><td>i. Correlation analysis</td></tr><tr><td>B. Quartile deviation</td><td>ii. Probability distribution</td></tr><tr><td>C. Scatter diagram</td><td>iii. Measure of central tendency</td></tr><tr><td>D. Normal distribution</td><td>iv. Measure of dispersion</td></tr></table>				A. Median	i. Correlation analysis	B. Quartile deviation	ii. Probability distribution	C. Scatter diagram	iii. Measure of central tendency	D. Normal distribution	iv. Measure of dispersion	d
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85	Median of a distribution in ascending or descending order is that observation of the distribution which divides the distribution in to.....												
	a) Three equal parts	b) four equal parts	c) five equal parts	d) two equal parts	d								
86	The True statement is:  A. Correlation coefficient can be more than 1. B. Rank correlation was developed by Karl Pearson. C. In case of a bivariate regression model, we will get two regression equations. D. Coefficient of mean deviation is a absolute measure of dispersion				b								
	a) D	b) C	c) B	d) A									
87	The correct matching pairs are: <table border="1"><tr><td>A. Simple correlation</td><td>i. Study of correlation among more than two variables simultaneously</td></tr><tr><td>B. Multiple correlation</td><td>ii. Study of correlation between two variables assuming others as constant</td></tr><tr><td>C. Linear regression</td><td>iii. Study of correlation only between two variables</td></tr><tr><td>D. Partial correlation</td><td>iv. Can be always represented by a straight line</td></tr></table>				A. Simple correlation	i. Study of correlation among more than two variables simultaneously	B. Multiple correlation	ii. Study of correlation between two variables assuming others as constant	C. Linear regression	iii. Study of correlation only between two variables	D. Partial correlation	iv. Can be always represented by a straight line	b
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88	Correct matching is: <table border="1"><tr><td>A. Binomial distribution</td><td>i. Mean=0 and variance=1</td></tr><tr><td>B. Poisson distribution</td><td>ii. Bell-shaped and mean=median=mode=<math>\mu</math></td></tr><tr><td>C. Normal distribution</td><td>iii. Mean=m=variance</td></tr><tr><td>D. Standard normal variate</td><td>iv. Mean=np and variance=npq</td></tr></table>				A. Binomial distribution	i. Mean=0 and variance=1	B. Poisson distribution	ii. Bell-shaped and mean=median=mode= $\mu$	C. Normal distribution	iii. Mean=m=variance	D. Standard normal variate	iv. Mean=np and variance=npq	a
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89	If two sets do not have any common elements, they are called				Answer								
	a) Disjoint sets	b) Equal sets	c) one is the sub set of other	d) null set	a								

90	If $Y=f(X)$ , condition(s) for maximization is (are)				
	a) $\frac{dy}{dx} = 0$ and $\frac{d^2y}{dx^2} \leq 0$	b) $\frac{dy}{dx} = 0$ and $\frac{d^2y}{dx^2} < 0$	c) $\frac{dy}{dx} = 0$ and $\frac{d^2y}{dx^2} > 0$	d) $\frac{dy}{dx} = 0, \frac{d^2y}{dx^2} \geq 0$	b
91	Correct matching is:				a
	A. $y = \frac{a+bx}{c+dx+kx^2}$		i. Exponential function		
	B. $Y=a+bX$		ii. Logarithmic function		
	C. $y = e^x$		iii. Rational function		
	D. $Y=\log X$		iv. Linear function		
	a) A-iii, B-iv, C-i, D-ii	b) A-ii, B-iv, C-i, D-iii	c) A-iii, B-i, C-iv, D-ii	d) A-ii, B-iv, C-i, D-iii	
92	The True statement(s) is (are): A. Definite integral can be use to estimate the consumer surplus B. Indefinite integral can be use to estimate total cost function if marginal cost function and the value of fixed cost are given C. Inverse of a singular matrix exists D. Partial differentiation is applicable only if there is single explanatory variable in the function				d
	a) Only A is true	b) Only B is true	c) All are true	d) A and B	
93	$\int e^{kx} dx = \dots \dots$				c
	a) $\frac{e^{kx}}{k}$	b) $\frac{e^{kx}}{kx} D$	c) $\frac{e^{kx}}{k} + c$	d) $\frac{e^{kx}}{kx} + c$	
94	Find the matching pairs:				a
	A. $\int x^n dx$		i. $F(x) + G(x)+c$		
	B. $\int \frac{1}{x} dx$		ii. $\frac{x^{n+1}}{n+1} + c, n \neq -1$		
	C. $\int kf(x)dx$		iii. $\ln x+c$		
	D. $\int \{f(x) + g(x)\}dx$		iv. $k \int f(x)dx$		
	a) A-ii, B-iii, C-iv, D-i	b) A-i, B-iii, C-iv, D-ii	c) A-iii, B-ii, C-iv, D-i	d) A-ii, B-iii, C-i, D-iv	
95	An example of first order difference equation is				d
	a) $\frac{d^2y}{dt^2} = cy$	b) $\frac{dy}{dx} + 2xy = 0$	c) $Y_{t+2}=Y_{t+1}+2$	d) $Y_{t+1}+3Y_t=2$	
96	If $A=\begin{bmatrix} 6 & -12 \\ -3 & 6 \end{bmatrix}$ and $B=\begin{bmatrix} 12 & 6 \\ 6 & 3 \end{bmatrix}$ , $AB = \dots\dots\dots$				Answer
	a) $\begin{bmatrix} 6 & 12 \\ 3 & 6 \end{bmatrix}$	b) $\begin{bmatrix} 0 & -12 \\ -3 & 0 \end{bmatrix}$	c) $\begin{bmatrix} -1 & -12 \\ -3 & 1 \end{bmatrix}$	d) $\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	d



97	Two matrices are conformable for multiplication if i. Number of columns in the lead matrix is equal to number of rows in the lag matrix ii. Number of rows in the lead matrix is equal to the number of columns in the lag matrix iii. Number of columns in the lead matrix is less than the number of rows in the lag matrix iv. Number of columns in the lead matrix is greater than the number of rows in the lag matrix				a
	a) i	b) ii	c) iii	d) iv	
98	The False statement(s) is (are): A. Determinant is associated only with square matrix B. Matrix addition is commutative C. $AI=IA=A$ , where I is an identity matrix and A is another matrix D. Determinant of a matrix is not same as the determinant of its transpose				d
	a) A	b) B	c) A and B	d) D	
99	The area satisfied by all the structural constraints of a linear programming problem is.....				b
	a) Basic solution	b) Feasible solution	c) Both basic and feasible solution	d) Neither basic solution nor feasible solution	
100	Match the following pairs:				a
	A. Differential equation		i. Involves time lag of one period		
	B. First order difference equation		ii. Is a mathematical technique for inequality constraint optimization where objective and constraints are in linear form		
	C. Linear programming		iii. Is obtained by interchanging rows and columns		
	D. Transpose of a matrix		iv. Involves derivative		
	a)A-iv, B-i, C-ii, D-iii	b) A-i, B-iv, C-ii, D-iii	c) A-iv, B-i, C-iii, D-ii	d) A-iv, B-ii, C-i, D-iii	