M.Sc. Economics Entrance Examination

May 20, 2025

<u>Answer Keys</u>

Question Number	**Answer**		Question Number	**Answer**
1	b) 6 months		26	a) 44
2	d) $\frac{49}{8}$		27	b) -1.60
3	a) 0		28	c) 5000
4	b) 9		29	b) 2
5	c) $2A^2$		30	a) Equilibrium quantity decreases by 2 units.
6	d) $3^n - 1$		31	c) Indian consumption increases by Rs. 10,000, and Indian GDP increases by Rs. 10,000
7	a) $\frac{80}{3}$		32	d) 184,590 and 166,090
8	c) 4		33	c) 27.01 and 4.25
9	c) 0		34	d) Total income and total expenditure are always equal
10	c) continuous but not differentiable at 0		35	c) Nominal GDP rises, but not real GDP
11	b) 4050		36	(d) 7 5 4
12	a) $Tan^{-1}x + \frac{1}{3}\,Tan^{-1}x^3 + C$		37	(d) Pool
13	c) 3		38	(b) Only conclusion II follows.
14	d) None of the above		39	(b) 61
15	a) $\frac{1}{2}$		40	(a) Interpersonal skills will become more important in the future work- place.
16	b) $\frac{1}{2}$		41	(b) familiar
17	b) 1		42	(a)Relevant
18	c) $det(A+B) = det(A) + det(B)$		43	(d) SRQP
19	**c)** $\boldsymbol{p(n+1)-1}$		44	(b)To confess without reserve
20	**a) 67.5**		45	(d) %E9
21	b) $\boldsymbol{1/(n+1)}$		46	(d) BDF
22	b) **0.0241**		47	(c) 4
23	d) $\boldsymbol{3/5}$		48	(b) L is daughter of K and niece of uncle N
24	c) **5 and 10**		49	(d) Dosa
25	b) $\boldsymbol{3000 - 4000}$		50	(c) Thursday