Subject : ECONOMICS

(Booklet Number)

Duration: 90 Minutes

Full Marks: 100

INSTRUCTIONS

- All questions are of objective type having four answer options for each. Only one option is correct. Correct answer will carry full marks 2. In case of incorrect answer or any combination of more than one answer, ½ mark will be deducted.
- Questions must be answered on OMR sheet by darkening the appropriate bubble marked A, B, C, or D.
- Use only Black/Blue ball point pen to mark the answer by complete filling up of the respective bubbles.
- 4. Mark the answers only in the space provided. Do not make any stray mark on the OMR.
- Write question booklet number and your roll number carefully in the specified locations of the OMR. Also fill appropriate bubbles.
- Write your name (in block letter), name of the examination centre and put your full signature in appropriate boxes in the OMR.
- 7. The OMR is liable to become invalid if there is any mistake in filling the correct bubbles for question booklet number/roll number or if there is any discrepancy in the name/ signature of the candidate, name of the examination centre. The OMR may also become invalid due to folding or putting stray marks on it or any damage to it. The consequence of such invalidation due to incorrect marking or careless llandling by the candidate will be sole responsibility of candidate.
- 8. Candidates are not allowed to carry any written or printed material, calculator, pen, docupen, log table, wristwatch, any communication device like mobile phones etc. inside the examination hall. Any candidate found with such items will be reported against and his/her candidature will be summarily cancelled.
- Rough work must be done on the question paper itself. Additional blank pages are given in the question paper for rough work.
- Hand over the OMR to the invigilator before leaving the Examination Hall.
- 11. This paper contains questions in both English and Bengali. Necessary care and precaution were taken while framing the Bengali version. However, if any discrepancy(ies) is /are found between the two versions, the information provided in the English version will stand and will be treated as final.

CONFIDENTIAL



English Language

1.	Choose the word, which has nearly the same meaning as EXUDE.								
		Drop		Ooze					
	(C)	Overflow	(D)	Evaporate					
2.	Choose the word, which is opposite in meaning to IMPOUND.								
		Compound	(B)	Generate					
	(C)	Dollar	(D)	Release					
3.	Pick out the word that has either nearly the same meaning or opposite meaning to CANDID.								
	(A)	Contact	(B)	Secretive					
	(C)	Diagonal	(D)	Cancel					
4.	Choo I. II. (A) (C)	The stadium can seat more than one Sujan agreed to adjust his plan with Hold Arrange	lakh peg	Accommodate					
5.	Observe the two italicized words in the following two sentences and give your observation by choosing any one option below.								
	1.	A vote of censur was passed against	the Cha	irman.					
	11.	Every film needs a clearance from the Censor Board.							
	(A)	Only sentence-I is correct.							
	(B)	Only sentence-II is correct.							
	(C)	Both sentences I and II are correct.							
	(D)	Neither sentence-I nor sentence-II is	Neither sentence-I nor sentence-II is correct.						
Economics		cs	3	A					

	Choose the option, which can best replace the group of words given						
	To congratulate someone in a formal func	tion					
	(A) felicitate	(B)	celebrate				
	(C) wish	(D)	solemnize				
7.	Choose the most effective word to fill in the blank to make the sentence meaningfully complete.						
	Some people themselves into believing that they are indispensable to the organization they work for.						
	(A) force	(B)	delude				
	(C) keep	(D)	ask				
8.	Choose the most appropriate pair of we blanks in the given sentence in the scomplete.	ame order	the options given below to fill in the to make the sentence meaningfully				
	She was because all her plan	and the same of th	terit mild				
	(A) frustrated, magnificently *	(B)					
9.	(C) dejected, splendidly (D) distraught, awry Fill in the blank with the most appropriate word/ group of words to make the sentence						
	The horse stampeded and tore the street.						
			off				
	(A) after (C) down	10000000	out				
10.	Pick out the group of words, which completes the given sentence most meaningfully. He is so poor						
	(A) to buy meals daily	(B)	because buying meals				
	(C) that he cannot buy two meals a da	iy (D	to get two meals a day				
11.	Find out which part of the sentence has $\frac{\text{There is still}}{(A)} / \frac{\text{little tea}}{(B)} / \frac{\text{and some bise}}{(C)}$		left for you (D)				

	He did not even talk to me, <i>leaving aside</i> staying here.							
		leave aside	(B)	leave beside				
	(C)	leave besides	(D)	after leaving aside				
13.	Choose the most preferable sentence in respect to grammar, meaning and usage in order to express the intended theme.							
	(A)	 It is not common to see an alligator basking in the sunshine on a river bank as long as twenty feet. 						
	(B)	It is not common to see an alligator as long as twenty feet basking in the sunshine on a river bank.						
	(C)	It is not common to see an alligator basking in the sunshine as long as twenty fee on a river bank.						
	(D)	It is not common to see an alligator basking as long as twenty feet in the sunshin on a river bank.						
14.	Arrange the four parts of sentences given below in best order to fill in the blanks in the given sentence to form a complete meaningful sentence. The man whom I hit on the fead							
	(P)	says that when he meets r	ne					
	(Q)	on my way back from sch	iool					
	(R)	on the road						
	(S)	he will beat me						
	(A)	QPRS	(B)	PQRS				
	(C)	SPRQ	(D)	SRQP				
15.	A sentence is given in active (or passive) voice. Out of the four alternatives given select the one which best expresses the same sentence in passive (or active) voice.							
	I remember my father taking me to the zoo.							
	(A)	A) I remember taken to the zoo by my father.						
	(B)	I remember being taken to the zoo by my father.						
	(C)	A CONTROL OF A CON						
	(D)							
Economics			5		A			

MATHEMATICS

16. The number of solution(s) of $\frac{\log 5 + \log(x^2 + 1)}{\log (x - 2)} = 2$ is

 $\frac{\log 5 + \log(x^2 + 1)}{\log (x - 2)} = 2$ -এর সমাধান সংখ্যা হল

(A) 0

(B) 1

(C) 2

(D) 3

17. Number of divisors of 38808, [except 1 and the number] is

13 38808 বাদে 38808 -এর ভাজকের সংখ্যা হল

(A) 72

(B) 68

(C) 70

(D) 74

The number of all possible selections of one or more questions from 8 given questions, 18. each question having an alternative, is

আটটি প্রদত্ত প্রশ্নের প্রতিটির একটি বিকল্প প্রশ্ন দেওয়া আছে। এক বা একাধিক প্রশ্নের উত্তরের সংখ্যা হল

(A) 28-1

(C) 4⁸-1

(B) 38-1 (D) 38-2

19. For all $n \in \mathbb{N}$, $7^{2n} + 3^{n-1}$. 2^{3n-3} is divisible by

সকল $n \in \mathbb{N}$ -এর জন্য $7^{2n} + 3^{n-1}$, 2^{3n-3} যে সংখ্যা খারা বিভাজ্য হবে তা হল

(A) 24

(B) 9

(C) 13

(D) 25

The sum of the coefficients of all the integral powers of x in the expansion of $(1 + 2\sqrt{x})^{40}$ 20.

 $(1 + 2\sqrt{x})^{40}$ -এর বিস্তৃতিতে x-এর পূর্ণসংখ্যা ঘাতের যোগফল হবে

(A) $3^{40} + 1$

(B) 3⁴⁰ – 1

(C) $\frac{1}{2}(3^{40}-1)$

(D) $\frac{1}{2}(3^{40}+1)$

21. If the 3rd term in the expansion of $(x + x^{\log_{10} x})^5$ is 10⁶, then x can be

 $(x + x^{\log_{10} x})^5$ -এর বিস্তৃতিতে তৃতীয় পদ 10^6 হলে x হবে

(A) 1

(B) √10

(C) 10

- (D) 10-25
- 22. If $A = \begin{bmatrix} 1 & 2 & -1 \\ -1 & 1 & 2 \\ 2 & -1 & 1 \end{bmatrix}$, then det (Adj A) =

 $A = \begin{bmatrix} 1 & 2 & -1 \\ -1 & 1 & 2 \\ 2 & -1 & 1 \end{bmatrix}$ হলে $\det(Adj A)$ হবে

(A) 14

(B) (14)²

(C) (14)3

- (D) (14)4
- 23. For any two non empty sets A and B, $(A B) \cup (B A)$ is equal to যেকোন দৃটি অ-শৃণ্য সেট A ও B –এর ক্ষেত্রে (A-B) (B) $(A \cap B)$ $(A \cap B)$ $(A \cap B)$ (B) $(A \cap B)$ (C) B $(A \cap B)$ (D) (D) (D)

- Which of the following is a bijective mapping on the set of real numbers? নিমুলিখিত চিত্রণগুলির মধ্যে কোনটি R → R একৈক উপরিচিত্রণ হবে?
 - (A) 2x 5

(B) |x|

(C) x2

- (D) $x^2 + 1$
- The equation $\begin{vmatrix} x & a & b \\ a & x & b \end{vmatrix} = 0$ holds for

a x b = 0 সমীকরণটি সিদ্ধ হবে যখন a b x

(A) a, b, -(a + b)

(B) a, -b, a+b

(C) -a, b, a+b

(D) -a, -b, -(a+b)

26. Let
$$\Delta = \begin{vmatrix} 1 & a & a^2 - bc \\ 1 & b & b^2 - ac \\ 1 & c & c^2 - ab \end{vmatrix}$$
, then

মনে কর
$$\Delta = \begin{vmatrix} 1 & a & a^2 & -bc \\ 1 & b & b^2 & -ac \\ 1 & c & c^2 & -ab \end{vmatrix}$$
 , তবে

(A) $\Delta = abc$

(B) $\Delta = 0$

(C) $\Delta = a + b + c$

- (D) $\Lambda = a^3 + b^3 + c^3 3abc$
- A, B are non-singular symmetric matrices of same order & A, B commute. Then 27.
 - (A) A-1B-1 is symmetric

(B) A-1B-1 is skew symmetric

(C) A⁻¹B⁻¹ is orthogonal

(D) A-1B-1 is identity matrix

A ও B অবিশিষ্ট প্রতিসম ম্যাট্রিক্স ও উভয়ে একই ক্রুমের এবং পরস্পর বিনিময় যোগ্য। সেক্ষেত্রে.

- (A) A⁻¹B⁻¹ প্রতিসম ম্যাটিকা
- $(B-A^{-1}B^{-1}$ বিপ্রতিসম ম্যাট্রিক্স $(D) \sim A^{-1}B^{-1}$ একসম ম্যাট্রিক্স

(C) A⁻¹B⁻¹ লম্ব মাটিক

28. Let
$$E = \begin{bmatrix} 3 & 1 \\ 1 & -1 \end{bmatrix}$$
, $A = \begin{bmatrix} 1 & 1 \\ 1 & 0 \end{bmatrix}$, $B = \begin{bmatrix} 0 & 0 \\ 1 & 1 \end{bmatrix}$, $C = \begin{bmatrix} 0 & 2 \\ 0 & -1 \end{bmatrix}$, Then $E = \begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix}$, $C = \begin{bmatrix} 0 & 2 \\ 0 & -1 \end{bmatrix}$, $C = \begin{bmatrix} 0 & 2 \\ 0 & -1 \end{bmatrix}$.

মনে কর
$$E = \begin{bmatrix} 3 & 1 \\ 1 & -1 \end{bmatrix}$$
, $A = \begin{bmatrix} 1 & 1 \\ 1 & 0 \end{bmatrix}$, $B = \begin{bmatrix} 0 & 0 \\ 1 & 1 \end{bmatrix}$, $C = \begin{bmatrix} 0 & 2 \\ 0 & -1 \end{bmatrix}$, তবে $E = \begin{bmatrix} 0 & 1 \\ 0 & -1 \end{bmatrix}$

(A) 2A - B + C

(B) 3A – 2B – C

(C) 2A – 5B + C

- (D) 3A + 2B 2C
- 29. On \mathbb{R} , a relation ρ is defined as follows:

If a, b $\in \mathbb{R}$, a p b holds iff a – b is zero or irrational. Then

(A) p is only reflexive

- (B) ρ is only symmetric
- (C) p is equivalence relation
- (D) p is not equivalence relation

মানে কর a, b ∈ R – এর ক্রেভো a p b এভাবে সংজ্ঞাত যে a – b = 0 বা অমূলদ। সেক্ত্রে

(A) ০ ওধমাত্র স্থসম সম্পর্ক

(B) ০ ওধমাত্র প্রতিসম সম্পর্ক

- (C) ρ ওধমাত্র সমতল সম্পর্ক
- (D) ০ সমতল সম্পর্ক নয়

30. Let
$$\Delta = \begin{bmatrix} 0 & c & b \\ c & 0 & a \\ b & a & 0 \end{bmatrix}^2$$
, Then

মনে কর
$$\Delta = \begin{bmatrix} 0 & c & b \\ c & 0 & a \\ b & a & 0 \end{bmatrix}^2$$
, তবে

(A)
$$\Delta = \begin{bmatrix} -a^2 & ab & ca \\ ab & -b^2 & bc \\ ac & bc & -c^2 \end{bmatrix}$$

(B)
$$\Delta = \begin{bmatrix} -a^2 & -ab & -ca \\ -ab & +b^2 & -bc \\ -ac & -bc & -c^2 \end{bmatrix}$$

(C)
$$\Delta = (a+b)(b+c)(c+a)$$

(D)
$$\Delta = abc(a + b + c)$$

31. A determinant is chosen at random from the set of all therminants of order 2 with elements 0 and 1 only. The probability that the value of the determinant chosen is positive, is

০ ও । উপাদান বিশিষ্ট দ্বিতীয় ক্রন্মের সকল নির্ণায়কের সেট থেকে একটি নির্ণায়ক যদৃয়্ছভাবে বেছে নেওয়াহল। বেছে নেওয়া নির্ণায়কের মান ধনাতৃক হওয়ার সম্ভাবনা হল

(A)
$$\frac{1}{16}$$

(B)
$$\frac{1}{8}$$

(C)
$$\frac{3}{16}$$

(D)
$$\frac{1}{4}$$

32. If A and B are two mutually exclusive and exhaustive set of events, such that P(B) = 2P(A), then P(A) = P(A)

A ও B দুটি পরস্পর বিচিছন্ন ও পরস্পর নিঃশেষী ইভেন্ট (ঘটনা) এবং P(B)=2P(A)। সেক্ষেত্রে P(A) হবে

(A)
$$\frac{1}{2}$$

(B)
$$\frac{2}{3}$$

(C)
$$\frac{1}{3}$$

(D)
$$\frac{3}{4}$$

- 33. A circle of area 4π square units has two of its diameters along the lines x+y=2 and x-y=4. The equation of the circle is 4π বৰ্গ ইউনিট ক্ষেত্ৰফল বিশিষ্ট একটি বৃত্তের দুটি ব্যাস x+y=2 ও x-y=4 বাহু ব্যাবর রয়েছে। সেক্ষেত্রে বৃত্তির সমীকরণ হবে
 - (A) $x^2 + y^2 + 6x + 2y + 6 = 0$
- (B) $x^2 + y^2 6x 2y 6 = 0$
- (C) $x^2 + y^2 6x + 2y + 6 = 0$
- (D) $x^2 + y^2 6x 2y + 6 = 0$
- 34. If h denotes the arithmetic mean and k denotes the geometric mean of the intercepts made on the co-ordinate axes by the line passing through the point (1, 1), then the point (h, k) lies on a
 - (A) circle

(B) parabola

(C) straight line

- (D) hyperbola
- (1, 1) বিন্দুগামী সরলরেখার স্থানাদ্ধঅক্ষরত্য বরাবর ছেদিতাংশদ্বের সমান্তরীয় মধ্যক h ও গুণোত্তরীয় মধ্যক k দ্বারা চিহিন্ত করা হলে (h. k) বিন্দৃটি যে বক্তের উপরে অবস্থিত তা হল একটি
- (A) **বৃ**ড

(B) অধিবৃত

(C) সরলরেখা

- (D) পুরাবৃত্ত
- 35. Given that 16 h^2 is the area of the triangle formed by the lines y = x, x + y = 2 and the line through P(h, k) parallel to the x axis. Then the locus of P is/are
 - P(h,k) বিন্দুগামী ও x-অক্ষের সমান্তরাল একটি সরল রেখা এবং y=x ও x+y=2 বাহুত্র বিশিষ্ট ত্রিভূজের ক্ষেত্রফল $16\ h^2$ স্কো P-এর সঞ্চারপথ হবে
 - (A) $y 1 = \pm 4x$

(B) y - 1 = 3x

(C) y-1 = -5x

- (D) $y-1 = \pm 2x$
- 36. A line passes through the point (2, -2) and makes an angle $\cos^{-1} \frac{4}{5}$ in the positive direction of the x-axis. If the line meets the curve $y^2 = 3x 17$ at A and B, then length |AB| will be

একটি সরলরেখা (2,-2) বিন্দুগামী এবং x-অক্ষের ধনাত্মক দিকের সঙ্গে $\cos^{-1}\frac{4}{5}$ কোণ উৎপন্ন করে। সরলরেখাটি $y^2=3x-17$ বক্রবেখাকে A ও B বিন্দুতে ছেদ করে। তবে দৈর্ঘ্য |AB| হবে

(A) $\frac{10}{3}$ unit / একক

(B) $\frac{5}{4}$ unit / একক

(C) $\frac{6}{5}$ unit / একক

(D) $\frac{3}{10}$ unit / একক

The domain of definition of $f(x) = \sqrt{\log \frac{4x - x^2}{3}}$ is

$$f(x) = \sqrt{\log \frac{4x - x^2}{3}}$$
-এর সংজ্ঞার অঞ্চল হবে

(A) [1, 3]

(B) (1,3]

(C) [1,3)

(D) (1.3)

38.
$$\lim_{x\to 0} \frac{(e^x - 1)\tan^2 x}{x^3}$$

(A) does not exist

(B) is 1

(C) is 2

(D) is zero

$$\lim_{x\to 0} \frac{(e^x - 1)\tan^2 x}{x^3} - 4\overline{q}$$

(A) অন্তিত নেই

(B) মান হবে 1

(C) মান হবে 2

(D) মান হবে শুণ্য

39. Let
$$y = \frac{1}{1 + x + \log x}$$
, then
$$x = \frac{1}{1 + x + \log x}$$
. সেকেরে
$$dy$$

(A)
$$x \frac{dy}{dx} + y = x$$

(B) $x \frac{dy}{dx} = y (y \log x - 1)$

(C)
$$x^2 \frac{dy}{dx} = y^2 + 1 - x^2$$

(D) $x \left(\frac{dy}{dx}\right)^2 = y - x$

40. The function
$$f(x) = \frac{\log x}{x} + \log 51$$

(A) increases for x > e

(B) decreases for $2 \le x \le e$

(C) decreases for x > e

(D) f'(x) = 0 for $x = 2e^3$

অপেকক
$$f(x) = \frac{\log x}{x} + \log 51$$

- (A) x>e-এর জন্য ক্রমবর্ধমান হবে
- (B) 2 < x < e এর ক্ষেত্রে ক্রমগ্রাসমান হবে
- (C) x > e এর জন্য ক্রমন্ত্রাসমান হবে
- (D) f'(x) = 0 যখন x = 2e³

Economics

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41. If
$$\log y = \tan^{-1} x$$
 and $(1 + x^2) \frac{d^2 y}{dx^2} + f(x) \frac{dy}{dx} = 0$, then $f(x) = 0$

$$\log y = \tan^{-1} x$$
 ও $(1 + x^2) \frac{d^2 y}{dx^2} + f(x) \frac{dy}{dx} = 0$, হলে $f(x) = 0$

(A) 2x+1

(B) 2x - 1

(C) 1 − 2x

- (D) 2
- **42.** Let $f(x) = x^2 \log x$, x in [1, e]. Then
 - (A) critical points exist in [1, e]
 - (B) no critical point exists inside the interval but least value is 0 and the greatest value is e²
 - (C) there are four critical points in [1, e]
 - (D) finite number of critical points exist in b.

মনে কর $f(x) = x^2 \log x$, $x \in [1, e]$ । সেকেরে

- (A) [1,e]-তে সন্ধিবিন্দু বিদ্যমান
- (B) অন্তরালের অভান্তরে ব্রার্কিবিন্দর অন্তিত নেই কিন্তু সর্বনিয় মান () ও সর্বোচ্চ মান e² হবে
- (C) [1, e]-তে চারটি অটিবিন্দু বিদ্যমান
- (D) [1,e]-তে সসীম সংখ্যক সন্ধিবিন্দু রয়েছে

43. Let
$$y = \frac{3x+2}{x^2-2x+5}$$
. Then

মনে কর
$$y = \frac{3x+2}{x^2-2x+5}$$
 | সেক্তের

(A)
$$5y_2(0) - 4y_1(0) + 2y(0) = 0$$

(B)
$$2y_2(0) + 3y_1(0) - 4y(0) = 0$$

(C)
$$y_2(0) + 2y_1(0) - 3y(0) = 0$$

(D)
$$2y_2(0) + 5y_1(0) - 4y(0) = 0$$

- 44. The function f(x) = p[x+1] + q[x-1] where [x] has its usual meaning, is continuous at x = 1 if
 - f(x) = p[x+1] + q[x-1], যেখানে [x] প্রচলিত অর্থবহ, x=1 বিন্দুতে সম্ভত হবে যদি
 - (A) p + q = 0

(B) p = q

(C) p = 0

- (D) q = 0
- **45.** If $x = 2\cos\theta \cos 2\theta$, $y = 2\sin\theta + \sin 2\theta$, then $\frac{d^2y}{dx^2}$ at $\theta = \frac{\pi}{2}$ is

প্রদিপ্ত $x=2\cos\theta-\cos2\theta$, $y=2\sin\theta+\sin2\theta$, তবে $\theta=\frac{\pi}{2}$ হলে $\frac{\mathrm{d}^2y}{\mathrm{d}x^2}$ হবে

(A) 2

(B) 3

(C) $\frac{1}{2}$

(D) $\frac{1}{3}$

46. If $f(x) = a_0 \cos |x| + a_1 \sin |x| + a_2 |x|^3$ is differentiable at x = 0, then

- (A) $a_1 = 0, a_2 = 0$
- (B) $a_0 = 0, a_1 = 0$
- (C) $a_1 = 0$
- (D) a_0, a_1, a_2 can take any real value

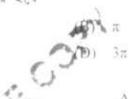
যদি x=0 বিন্দুতে $f(x)=a_0\cos |x|+a_1\sin |x|+a_2|x|^3$ অবকলন্যোগ্য হয় তবে

- (A) $a_1 = 0, a_2 = 0$
- (B) $a_0 = 0, a_1 = 0$
- (C) $a_1 = 0$
- (D) a₀, a₁, a₂ যে কোন বাস্তবমান পরিগ্রহ করবে

- Given that the equation $a_0x^n + a_1x^{n-1} + \dots + a_{n-1}x = 0$ has a positive root x_0 . Then the equation $na_0x^{n-1} + (n-1)a_1x^{n-2} + \dots + a_{n-1} = 0$
 - (A) has no positive real root
- (B) must have a positive real root > x₀
- (C) has a positive real root < x₀
- (D) has no real root

প্রদত্ত যে $\mathbf{a}_0 x^n + \mathbf{a}_1 x^{n-1} + \dots + \mathbf{a}_{n-1} x = 0$ সমীকরণের একটি ধনাতাক বীজ x_0 আছে। সেক্তেরে $na_0x^{n-1} + (n-1)a_1x^{n-2} + + a_{n-1} = 0$ সমীকরণের

- (A) কোন ধনাত্রক বীজ নেই
- (B) অবশ্যই একটি ধনাত্মক বীজ $> x_0$ থাকবে
- (C) একটি ধনাত্মক বাস্তব বীজ < x₀ থাকবে
 (D) কোন বাস্তব বীজ থাকবে না
- The period of the function $f(x) = \sin^4 x + \cos^4 x$ is
 - $f(x) = \sin^4 x + \cos^4 x$ অপেন্ধকের পর্যায় হবে
 - (A) 2π
 - (C) π/2



- The differential equation of the family of curves $y = \frac{A}{x} + Bx^2$, (where A, B are arbitrary constants) is

 $y = \frac{A}{x} + Bx^2$ (A ও B যদ্হছ ধ্রুক) বক্রবেখা পরিবারের অবকল সমীকরণ হবে

(A) $x^2 \frac{d^2y}{dy^2} = 2y$

(B) $x \frac{d^2y}{dy^2} = 2y^2$

(C) $2y \frac{d^2y}{dx^2} = x^2$

- (D) $2y^2 \frac{d^2y}{dx^2} = x$
- 50. If $\frac{dy}{dy} = y + 3 > 0$ and y(0) = 2, then $y(\log 2)$ is equal to

 $\frac{dy}{dx} = y + 3 > 0$ ও y(0) = 2 হলে $y(\log 2)$ -এর মান হবে

(A) 13

(B) -2

(C) 7

(D) 5

