



Department of Computer Science

Ability Test - Mathematics

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To reach the unreachable

Date of event: 04/08/2023

Class: I B. Sc IT

Faculty In-charge: Ms. Stinphy Maxon



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REPORT

Department of Computer Science conducted an ability test for students of I B.Sc. IT (2023 admission) to test their knowledge and understanding about the basics of Mathematics. The test was conducted offline. The duration of the test was 1 hour and it carried 10 questions with a score of 2 for each. Out of the 12 students who attempted the exam, a success rate of 50% was achieved. The test was conducted on 04/08/2023 from 10:15 a.m. –11:15 a.m.

Prepared by:

Ms. Stinphy Maxon
(Faculty-in-charge)

Verified by:

Mr. Jayakrishnan S
(HoD, PG Dept of Computer Science)

Approved by:

Rev. Fr. Dr. Paulachan K. J
(Principal)

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Mark list

CLASS: I BSC IT		
Sl. No	NAME OF THE STUDENT	Marks (20)
1	ALAN PAUL	9
2	DEBIN DENNY	A
3	JIDHIN JOSHY	4
4	SUNNY SHAJU	6
5	HIMAL JOSE	A
6	FARHAAN SHA N J	A
7	JOSHUA SUJO	4
8	JEFFIN JOB	7
9	KASINATHAN M S	2
10	HARIKRISHNA K B	2
11	HAIMAL DOSTHI	11
12	SACHIN MANIKANDAN	A

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PHOTOGRAPHS /SCREENSHOTS

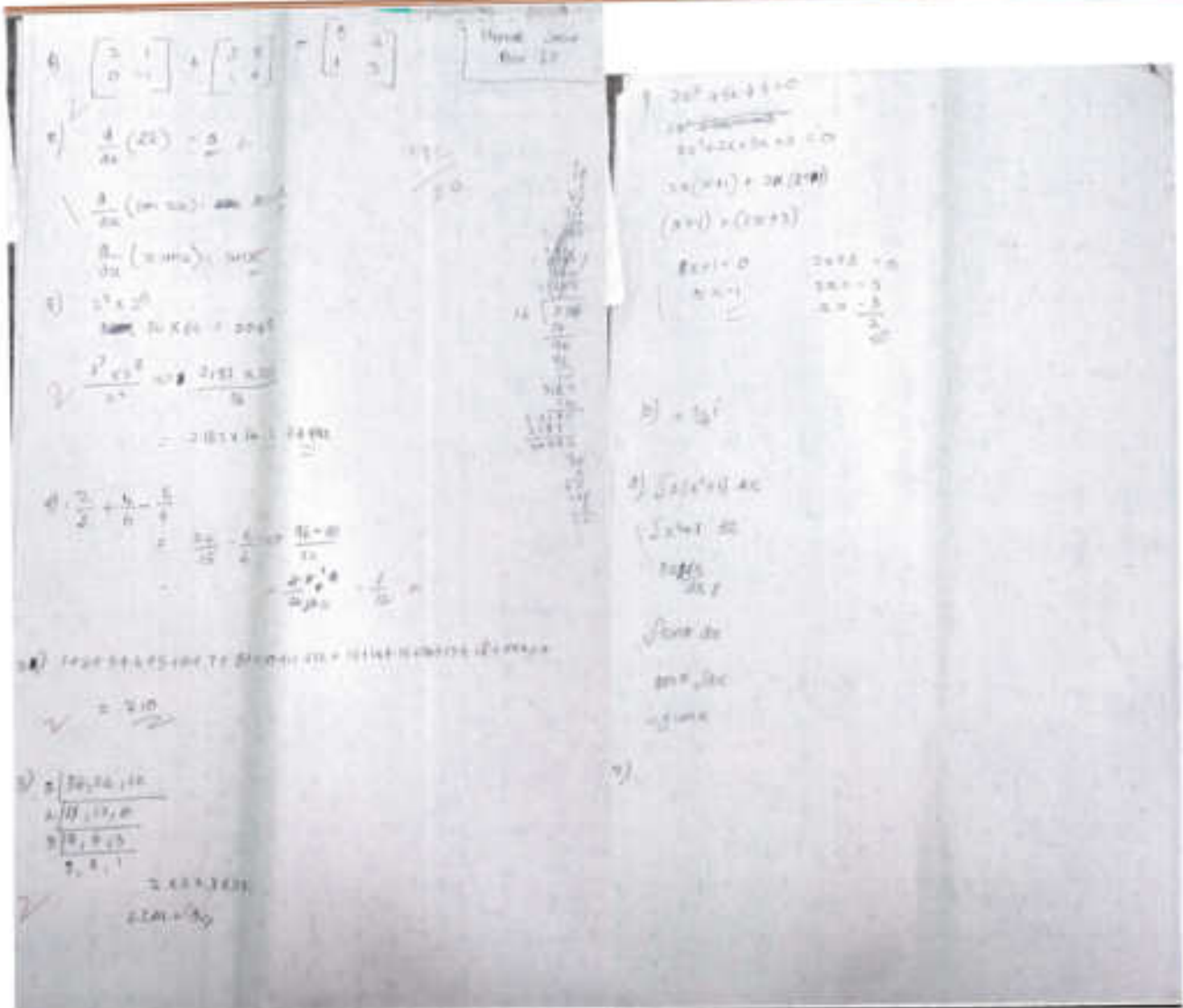


Department of Computer Science
Ability Test on Mathematics August 2023

Questions

Each question carries 2 marks

1. Solve the Quadratic equation $2x^2 + 5x + 3 = 0$.
2. Find the sum of the first 20 natural numbers.
3. Find the LCM of 24, 36, 12.
4. Find the sum of $1\frac{2}{3} + \frac{4}{6} - \frac{5}{4}$
5. Find $2^5 \times 2^6, \frac{3^7 \times 2^8}{2^4}$
6. Find $\begin{bmatrix} 2 & 1 \\ 0 & -1 \end{bmatrix} + \begin{bmatrix} 3 & 5 \\ 1 & 4 \end{bmatrix}$
7. Evaluate $\begin{bmatrix} 4 & -2 & 3 \\ 2 & 1 & -7 \end{bmatrix} \begin{bmatrix} 1 & 2 \\ 0 & -1 \\ -1 & 0 \end{bmatrix}$
8. Find $\frac{d}{dx}(\sqrt{x}), \frac{d}{dx}(\sin 2x), \frac{d}{dx}(x \sin 2x)$
9. Evaluate $\int x(x^2 + 1)dx, \int \sin x dx$
10. If one-third of one-fourth of a number is 15, then three-tenth of that number is.....

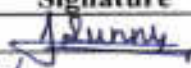

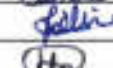




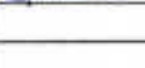


PARTICIPANT'S LIST

Name of the event: Ability Test - Mathematics

Date: 04/08/2023

Class: 1 BSc - IT

Sl. No.	Name	Signature
1.	Sunny Shaju	
2.	Himal Jose	
3.	JITHIN JOSE	
4.	HARIKRISHNA - K.B	
5.	Alan Paul	
6.	Jeffin Job	
7.	Kasimath M.S	
8.	Joshua suja	
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