

Type - B

Marutham matric Hr. Sec

School, Marappur,

Dharmapuri.

1. b) $\frac{1}{t}$

2. c) $-\sqrt{3}$

3. d) 22

4. c) $\log\left(\frac{a}{b}\right)$

5. a) $A - A^T$

6. a) $[0, 9]$

7. a) infinitely many elements

8. d) continuous at both $x=0$ and $x=1$

9. c) b

10. a) $2 \cos n$

11. a) $\frac{7}{128}$

12. b) $(-3, -2)$

13. c) $x - 2 \log(x+1) + c$

14. d) $\log(e^n - 1) - \log(e^n) + c$

15. b) $\begin{bmatrix} -5 & -4 \\ 8 & -9 \end{bmatrix}$

16. a) 4

17. b) $(a-z)^2$

18. d) $\frac{(e-1)^2}{2e}$

19. a) $\frac{2^{3n+5}}{3 \log 2} + c$

20. c) $\frac{1}{2}, -2$

7. +1

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Public

Answer Key