

FSC Part 2 Mathematics Chapter 2 Online Test

Sr	Questions	Answers Choice
1	Question Image	A. $\sec x \tan x$ B. $-\sec^2 x$ C. $-\sec x \tan x$ D. $\sec^2 x$
2	Question Image	A. $-\operatorname{cosec} x \cot x$ B. $\operatorname{cosec}^2 x$ C. $-\operatorname{cosec}^2 x$ D. $\operatorname{cosec} x \cot x$
3	Question Image	A. $\sec x \tan x$ B. $\sec^2 x$ C. $-\sec x \tan x$ D. $-\sec^2 x$
4	The function $f(x) = 3x^2$ has minimum value at :	A. $x = 3$ B. $x = 2$ C. $x = 1$ D. $x = 0$
5	The Maclaurin series expansion is valid only if it is:	A. Convergent B. Divergent C. Increasing D. Decreasing
6	Question Image	A. $\tan x$ B. $\cot x$ C. $-\tan x$ D. $-\cot x$
7	Question Image	
8	Question Image	A. $\operatorname{cosech} x \coth x$ B. $-\operatorname{cosech}^2 x$ C. $-\operatorname{cosech} x \coth x$ D. $\operatorname{cosech}^2 x$
9	Question Image	A. $\operatorname{sech} x \tanh x$ B. $-\operatorname{sech}^2 x$ C. $-\operatorname{sech} x \tanh x$ D. $\operatorname{sech}^2 x$
10	Question Image	A. $5 \sin x$ B. $\cosh (5x)$ C. $5 \cosh (5x)$ D. $-5 \cosh (5x)$
11	Question Image	A. $\operatorname{sech} x \tanh x$ B. $-\operatorname{sech} x \tanh x$ C. $\operatorname{sech}^2 x$ D. $-\operatorname{sech}^2 x$
12	Question Image	A. $2 \cosh x$ B. $2 \sinh x$ C. $2 \sinh (2x)$ D. $-2 \sinh (2x)$
13	Question Image	A. $\sinh x$ B. $\cosh x$ C. $-\sinh x$ D. $-\cosh x$
14	Question Image	A. $\sinh x$ B. $\cosh x$ C. $-\sinh x$ D. $-\cosh x$
15	Question Image	A. 0 B. 1 C. -1 D. 2
16	Question Image	
17	Question Image	

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