|  |  |  |
| --- | --- | --- |
| Obtain Mark: | **Mathematics**  **Differentiation** | Time: 30 hour |
| **Date**: 09/08/2024 | Total Mark: 40 |

1. If y = 5x3 - ( ) + - log + + 17 then find .
2. If y = + logx + + + 9 then find .
3. Find at x=1, if x = .
4. এর ভিত্তিতে এর cosx2 অন্তরক সহগ নির্ণয় কর?
5. If = show that, = .
6. If x = cost and y = sint then find .
7. If y = log[] then find .
8. If x = and y = then find .