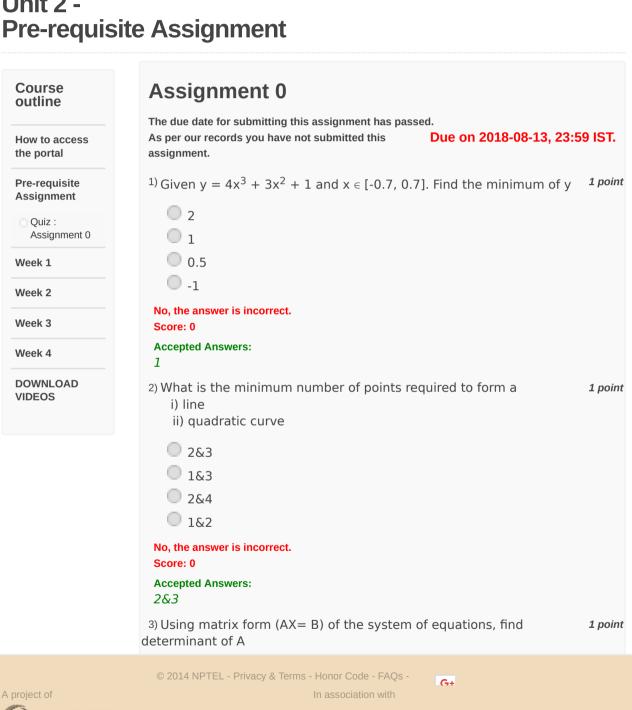


Unit 2 -



5 Government of India Ministry of Human Resource De -25 No, the answer is incorrect. Score: 0 **Accepted Answers:** -5 4) Given $y = 2x^2 + 3x + 5$. What is the gradient of y at x = 0.5? 1 point 4 7 0 5 0 -1 No, the answer is incorrect. Score: 0 **Accepted Answers:** 5) Which of the following is a numerical method, used to calculate the 1 point gradient of a function at a point? Forward Difference Taylor's series Simpson's 1/3rd rule both a and b No, the answer is incorrect. Score: 0 **Accepted Answers:** Forward Difference 6) Which of the two given functions is monotonic? 1 point i) y = sin(x) when $x \in [0, \pi]$ ii) $y = e^x$ () i O ii both i and ii none of the above No, the answer is incorrect. Score: 0 **Accepted Answers:** ii

End