

Quiz Test No. 2. Chapter 14-INTEGRATION.

Dr. Raja Latif. Marks: 30, Time: 20 Minutes.

NAME: _____

I.D.# _____

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Q.1. (*Marks : 8*) . Determine the Integral.

$$\int_0^1 y(y+1)^2 dy$$

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Q.2. (*Marks : 8*) . Determine the Integral.

$$\int_{-1}^0 \frac{x^2 + 4x - 1}{x + 2} dx$$

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Q.3. (*Marks : 7*) . Find y , subject to the given condition.

$$y' = \frac{dy}{dx} = e^{2x} + 1, \quad y(0) = -\frac{1}{2}$$

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Q.4. (*Marks : 7*) . Determine the Integral.

$$\int_3^9 (z - 6)^{301} dz$$

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