

Name:.....Serial #:.....Sec #:.....

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**Q.1:** Evaluate the integral  $\int \tan x \ln(\cos x) dx$

**Q.2:** Evaluate the integral  $\int_{-1}^2 (3x^2 - 2|x|) dx$

**Q.3:** Evaluate the integral  $\int_0^{-1} \frac{1+x}{\sqrt{1-x^2}} dx$