

$$\text{Q30. } \int \frac{1}{x(1 + \log x)} dx$$

$$\text{Q31. } \int \frac{e^x}{(e^x - 1)^2 \cdot (e^x + 2)} dx$$

$$\text{Q32. } \int (x - 3) \sqrt{3 - 2x - x^2} dx$$

$$\text{Q33. } \int \frac{e^x}{(2 + e^x)(4 + e^{2x})} dx$$

$$\text{Q34. } \int (3x + 1) \sqrt{4 - 3x - 2x^2} dx$$

$$\text{Q35. } \int \frac{x + 5}{3x^2 + 13x - 10} dx$$

$$\text{Q36. } \int \frac{x}{(2 + x^2)(4 + x^4)} dx$$

$$\text{Q37. } \int \frac{dx}{\sin x + \sin 2x}$$

$$\text{Q38. } \int \frac{\log x}{(x + 1)^2} dx$$

$$\text{Q39. } \int \frac{3x}{3x - 1} dx$$

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