

Q2) (b)

$$f(x) = \frac{4}{x(1+4\ln x)^2} dx$$

$$f(x) : \frac{4 dx}{x + 8x \ln(x) + 16x \ln^2(x)}$$

$$f(-x) : \frac{4 d(-x)}{-x - 8x \ln(-x) - 16x \ln^2(-x)}$$

$$-f(x) = \frac{4 dx}{x + 8x \ln(x) + 16x \ln^2(x)}$$

$$= \underline{\underline{\frac{4 dx}{x + 8x \ln(x) + 16x \ln^2(x)}}}$$