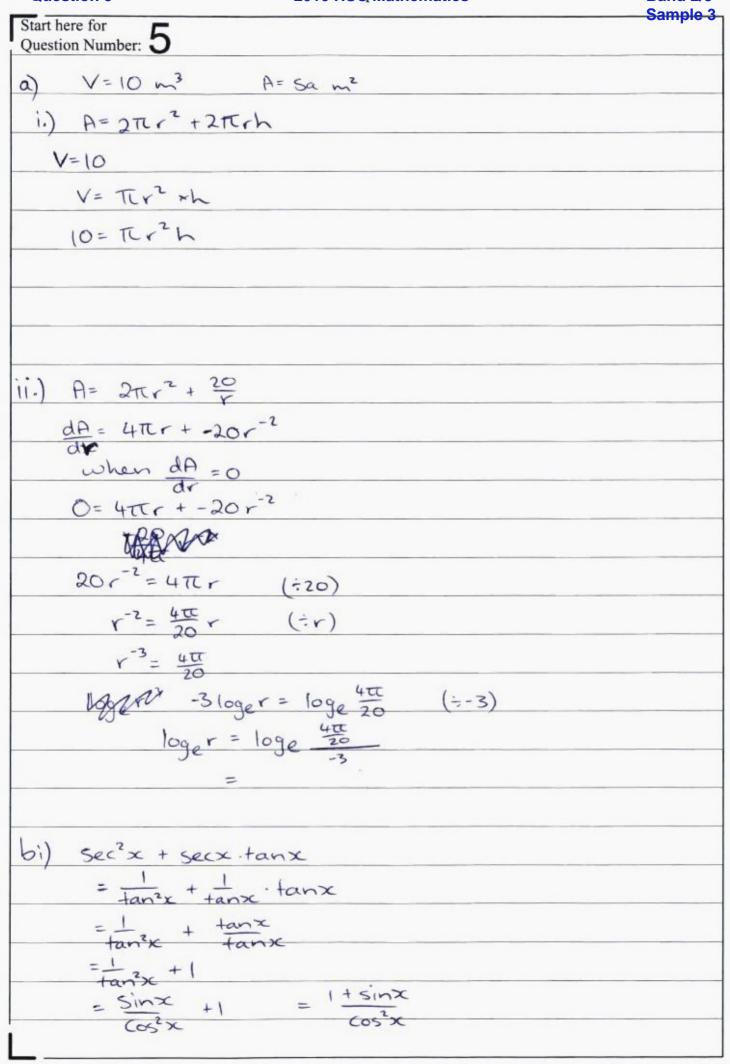
Question 5

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Sample 4 ii) $\cos^2 x = 1 - \sin^2 x$ $\frac{1}{1} = \frac{1+\sin x}{1+\sin x}$ $\cdot : = \frac{1}{1 \cos^2 2}$ iii. J^T <u>I</u>sinx dx - Jinxr COSX [-sinx In (1-sinx)] = = (-sin=+ In (1-sin(=))) - (-sino * In (1-sino)) c) $y = \frac{1}{x} - \frac{1}{x}$ 12 Additional writing space on back page. Office Use Only - Do NOT write anything, or make any marks below this line