

The volume common to the cylinder $x^2 + y^2 = a^2$ and $x^2 + z^2 = a^2$ is

 $\frac{16a^3}{3}$

 $\frac{16a^4}{3}$

Option 1

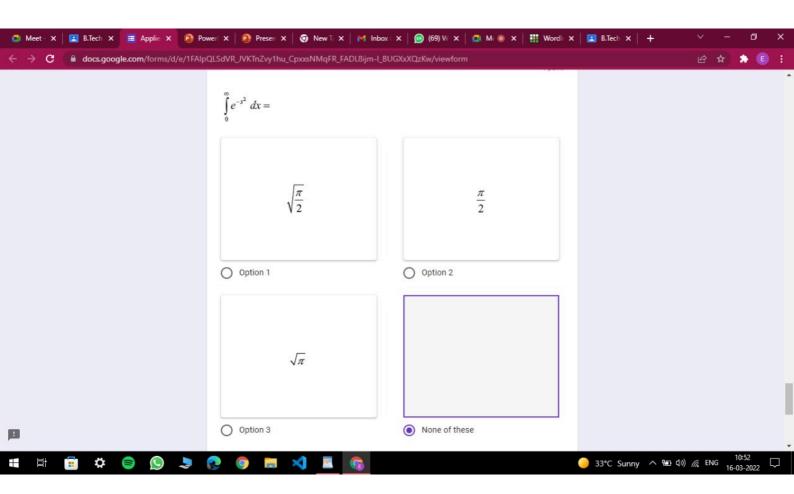
Option 2

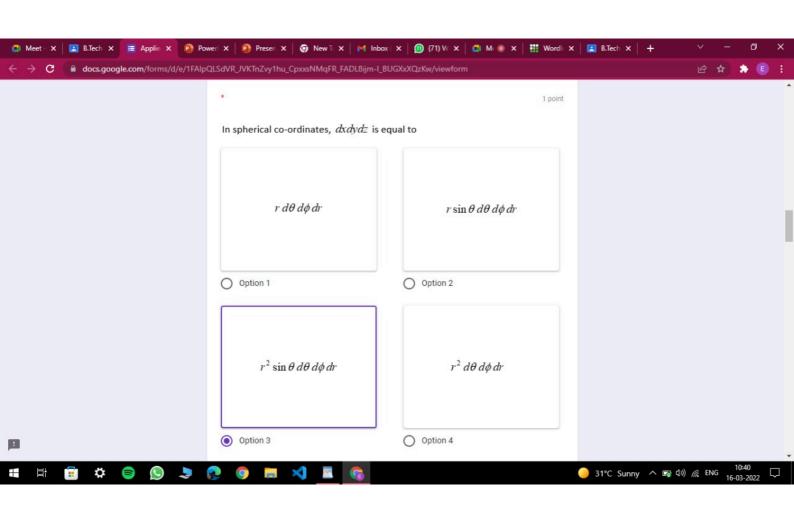
 $\frac{8a^3}{3}$

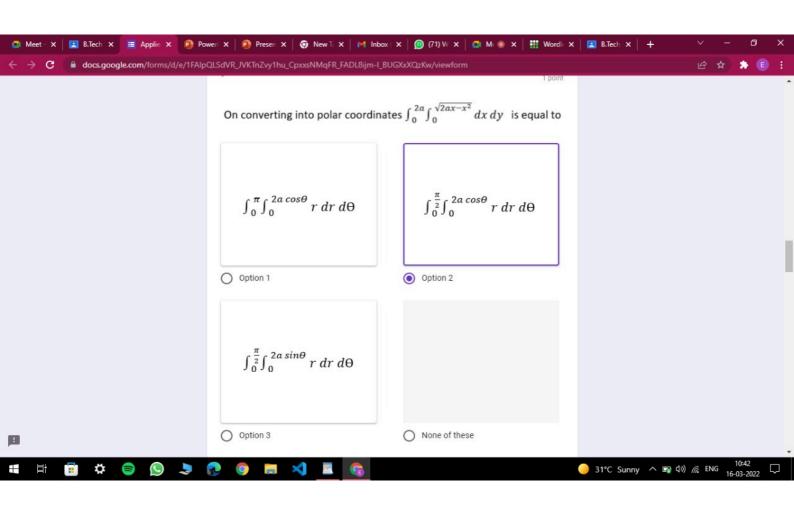
 $\frac{8a^4}{3}$

Option 3

Option 4









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Option 2

$$\frac{\pi h}{3}(9a-h^2)$$

Option 3

$$\frac{\pi h}{3}(3ah-h^2)$$

Option 4











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