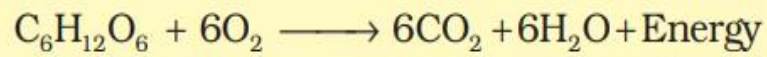
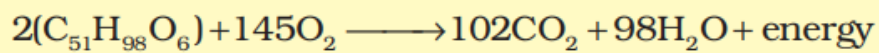


RESPIRATORY QUOTIENT(RQ)

$$RQ = \frac{\text{volume of CO}_2 \text{ evolved}}{\text{volume of O}_2 \text{ consumed}}$$



$$RQ = \frac{6CO_2}{6O_2} = 1.0$$



Tripalmitin

$$RQ = \frac{102CO_2}{145O_2} = 0.7$$