

Q6 (c). Mr. Fahrem has dinner with his family at a restaurant which offers a 10% discount on food. The marked price of the food that they order was 15000/-. Given that there was a service charges of 10% and GST is 17%, calculate the total amount of money he has to pay.

$$\text{Marked price of food} = 15000$$

$$\text{Price of food after 10\% discount} = \frac{10}{100} \times 15000$$

$$10\% \text{ discount} = 1500/-$$

$$\begin{aligned} \text{Price of food after discount} &= 15000 - 1500 \\ &= 13500/- \end{aligned}$$

$$\begin{aligned} \text{Service charges, i.e. 10\%} &= \frac{10}{100} \times 13500 \\ &= 1350 \end{aligned}$$

$$\begin{aligned} \text{Bill including food and service charges} &= 13500 + 1350 \\ &= 14850 \end{aligned}$$

$$17\% \text{ GST on bill} = \frac{17}{100} \times 14850 = 2524.5$$

$$\begin{aligned} \text{Final Bill} &= \text{Price of food} + \text{GST} + \text{service charges} \\ &= 13500 + 2524.5 + 1350 \\ &= 17374.5 \rightarrow \text{Total bill.} \end{aligned}$$