

Ex-14.4

2, 0, 1, 2, 3, 3, 3, 3, 4, 4, 5

$$\text{Mean} = \frac{0+1+2+3+3+3+3+4+4+5}{10} = \frac{28}{10} = 2.8$$

$$\text{Median} = \frac{\left(\frac{n}{2}\right)^{\text{th}} + \left(\frac{n}{2} + 1\right)^{\text{th}}}{2} = \frac{5^{\text{th}} + 6^{\text{th}}}{2} = \frac{3+3}{2} = 3$$

$$\text{Mode} = 3$$

2, 39, 40, 40, 41, 42, 46, 48, 52, 52, 52, 54, 60, 62, 96, 98

$$\text{Mean} = \frac{39+40+40+41+42+46+48+48+156+54+60+62+96+98}{15}$$

$$= \frac{822}{15} = 54.8$$

$$\text{Median} = \left(\frac{n+1}{2}\right)^{\text{th}} = \left(\frac{16}{2}\right)^{\text{th}} = 8^{\text{th}} = 52$$

$$\text{Mode} = 52$$