

Exercise 16 (A)

$$1 \text{ (i) } 13 \text{ out of } 20 = \frac{13}{20} \times 100 = 65\%$$

$$(ii) \frac{21}{30} \times 100 = 7 \times 10 = 70\%$$

$$2 \text{ (i) } \frac{65}{80} \times 100 = \frac{65 \times 5}{4} = \frac{325}{4} = 81\frac{1}{4}\%$$

$$(ii) \frac{2}{3} = \frac{2}{3} \times 100 = \frac{200}{3} = 66\frac{2}{3}\%$$

$$3 \text{ (ii) } 0.02 = \frac{2}{100} \times 100 = 2\%$$

$$(iv) 0.15 = \frac{15}{100} \times 100 = 15\%$$

$$(v) 0.32 = \frac{32}{100} \times 100 = 32\%$$

Q4) Convert into fraction in their lowest term :-

$$(i) 8\% = \frac{8}{100} = \frac{2}{25}$$

~~8~~ 2
~~100~~
~~50~~
 25

$$(v) 12\frac{1}{2} = \frac{25}{2} = \frac{25}{8}$$

~~12~~ 12
~~2~~
~~100~~
~~50~~
 25

$$(v) 12\frac{1}{2} = \frac{25}{2} = \frac{25}{8}$$

~~12~~ 12
~~2~~
~~100~~
~~50~~
 25

Q5) (i) $\frac{54}{100} = 1.08$

~~100~~ 54
~~50~~
~~10~~
~~25~~

(iv) $4.5\% = \frac{45}{10 \times 100} = \frac{45}{1000} = 0.045$