

Ex - 16(A)

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

(ii) 21 eggs out of 30  
 $= \frac{21}{30} \times 100 \%$   
 $= \frac{210}{3} \%$   
 $= 70 \%$

2. (i)  $\frac{3}{200} \times 100 \%$   
 $= \frac{3}{2} \%$

(ii)  $\frac{3}{5} \times \frac{100}{100} \%$   
 $= \frac{250}{3} \%$

3. (i) 0.10  
 $= \frac{10}{100} = 10 \%$

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

(iii) 0.7  
 $= \frac{7}{10} \times 100$   
 $= 70 \%$

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

(v) 0.032  
 $= \frac{32}{1000} \times 100 \%$   
 $= \frac{16}{5} \%$

2. (iii)  $\frac{65}{80} \times \frac{100}{100} \%$   
 $= \frac{325}{4} \%$

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

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

(ii)  $20\% = \frac{20}{100} = \frac{1}{5}$

(iii)  $85\% = \frac{85}{100} = \frac{17}{20}$

(iv)  $250\% = \frac{250}{100} = \frac{5}{2}$

(v)  $12\frac{1}{2}\% = \frac{12\frac{1}{2}}{100} = \frac{25}{2} \times \frac{1}{100} = \frac{1}{8}$

5. (i)  $25\% = \frac{25}{100} = \frac{1}{4}$

5. (i)  $25\% = \frac{25}{100} = 0.25$

(ii)  $108\% = \frac{108}{100} = 1.08$

(iii)  $95\% = \frac{95}{100} = 0.95$

(iv)  $4.5\% = \frac{45}{10} \times \frac{1}{100} = \frac{45}{1000} = 0.045$

(v)  $29.2\% = \frac{292}{10} \times \frac{1}{100} = \frac{292}{1000}$

6. (i)

6. (i)  $7 \times 100\% = 700\%$

(ii)  $2 \times 100\% = 200\%$

(iii)  $19.5 \times 100\% = 1950\%$

(iv)  $5.37 \times 100\% = 537\%$