

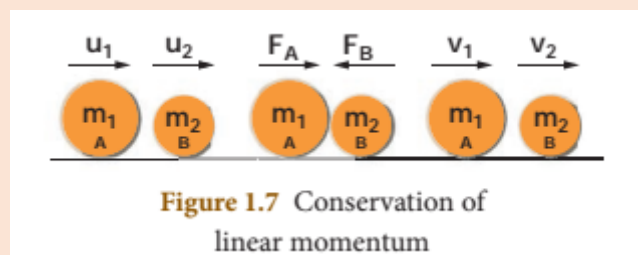
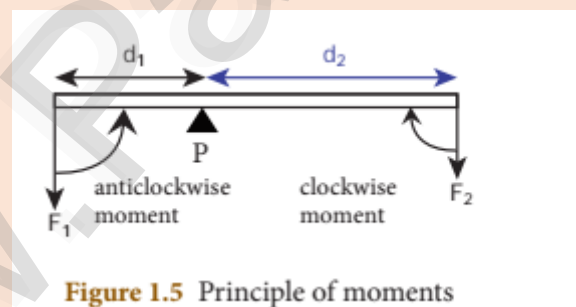
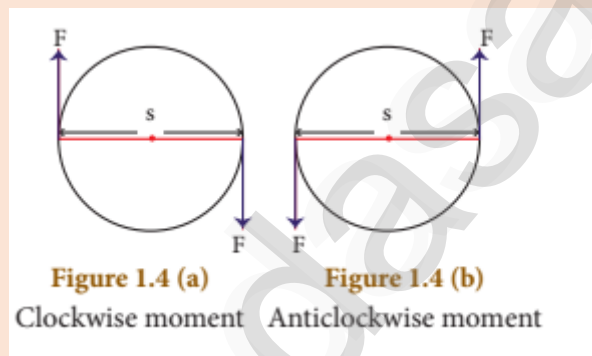
SIR CV RAMAN COACHING CENTRE – IDAPPADI,SALEM

X -SCIENCE IMPORTANT DIAGRAM – 2024

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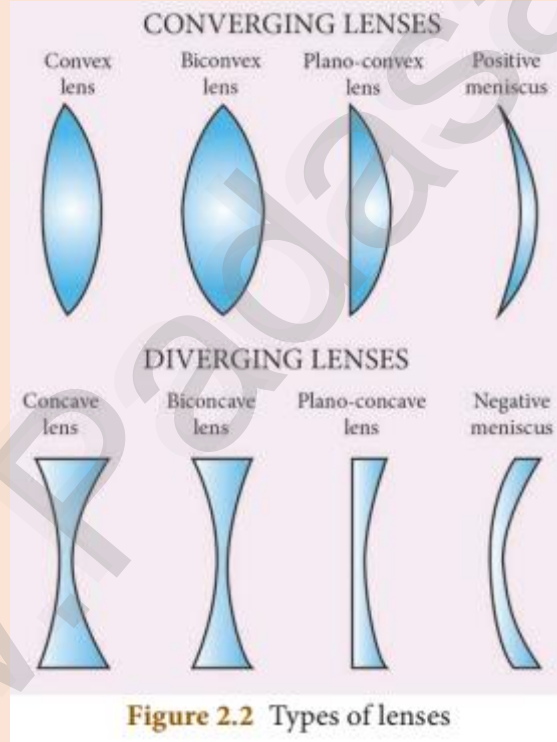
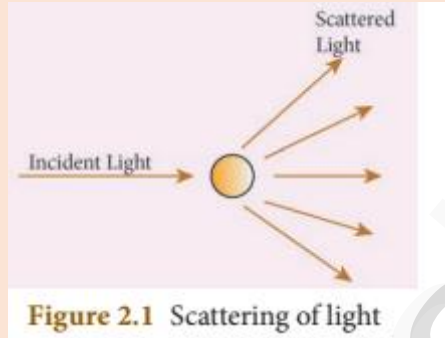
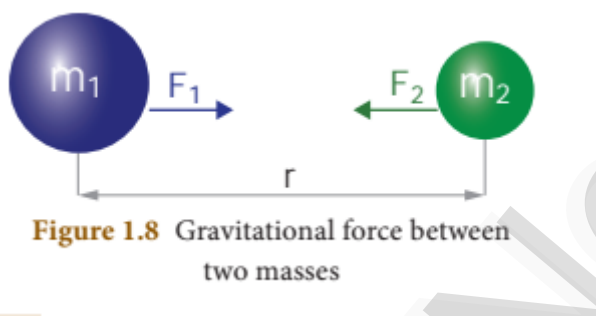
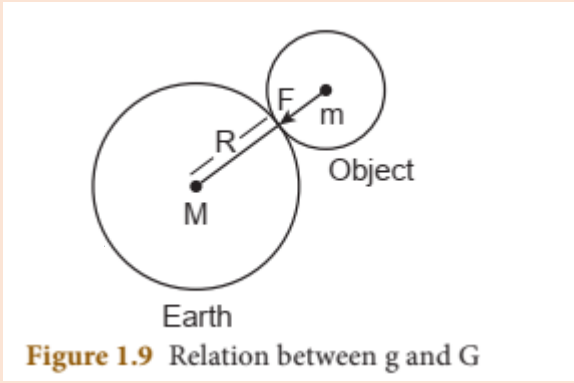




Figure 2.3 Rays passing through the optical centre

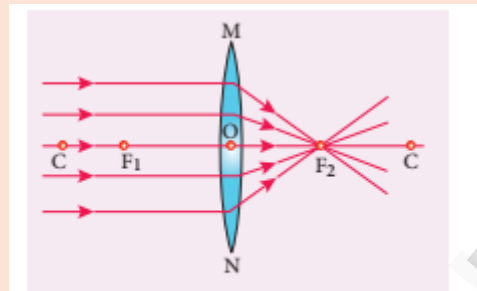


Figure 2.6 Object at infinity



Figure 2.5 Rays passing through or directed towards the principal focus

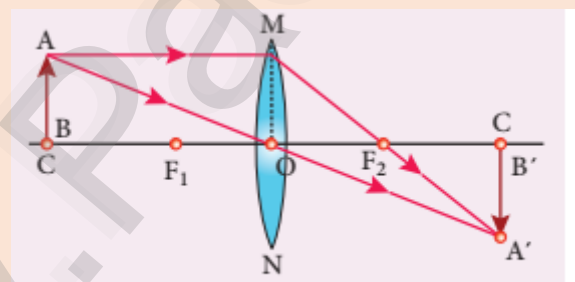


Figure.2.8 Object placed at C

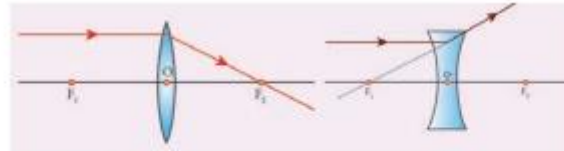


Figure 2.4 Rays passing parallel to the optic axis

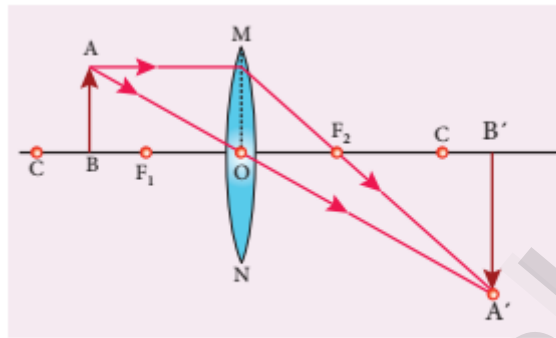


Figure 2.9 Object placed between F and C

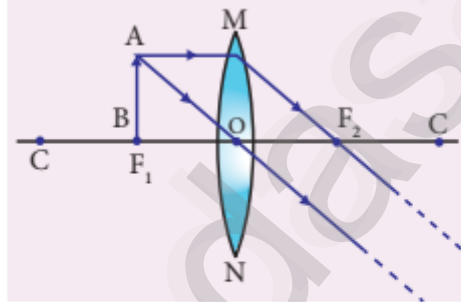


Figure 2.10 Object placed at the principal focus F

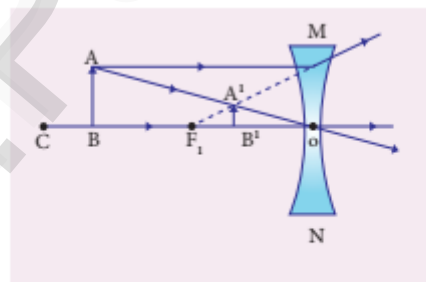


Figure 2.13 Concave lens-Object at a finite distance

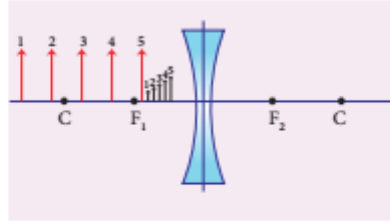


Figure 2.14 Concave lens-Variation in position and size of image with object distance

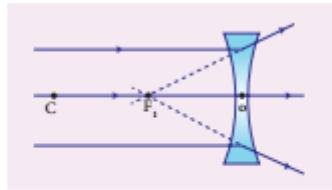


Figure 2.12 Concave lens-Object at infinity

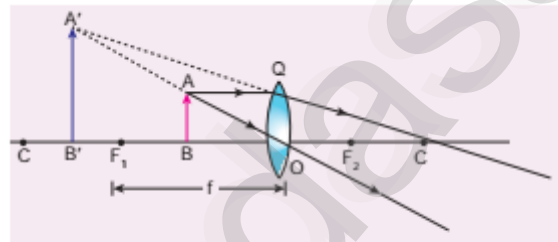


Figure 2.11 Object placed between the principal focus F and optical centre O

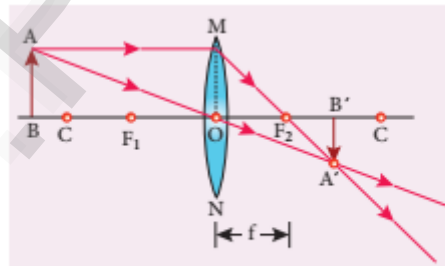


Figure 2.7 Object placed beyond C (>2F)

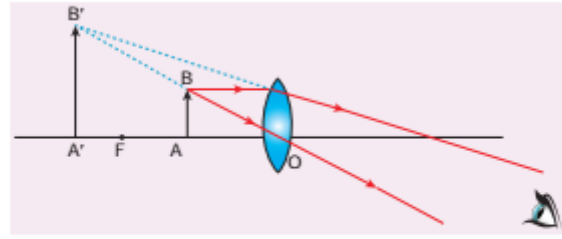


Figure 2.18 Image formation in simple microscope

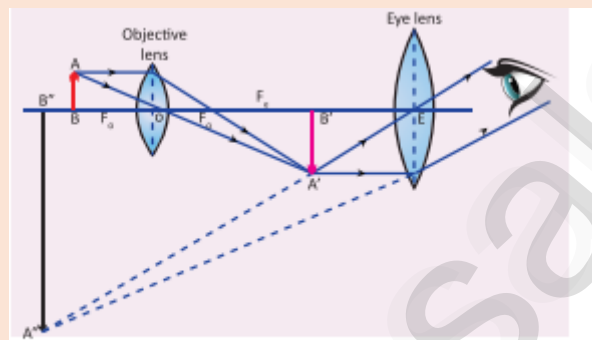


Figure 2.19 Image formation in compound microscope

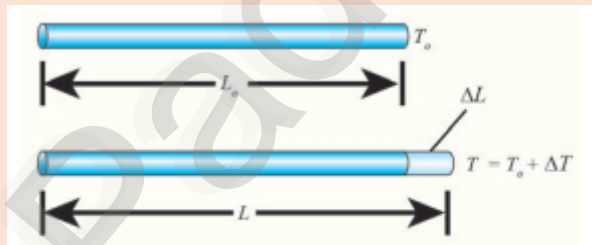


Figure 3.2 Linear expansion

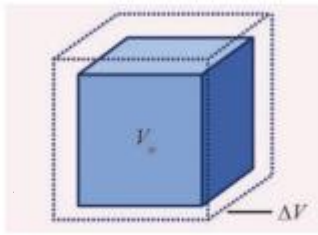


Figure 3.4 Cubical expansion

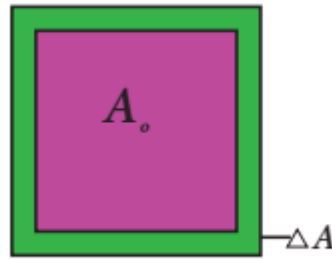


Figure 3.3 Superficial expansion

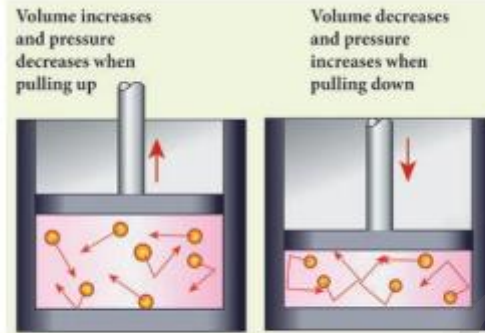


Figure 3.6 Variation of volume with pressure

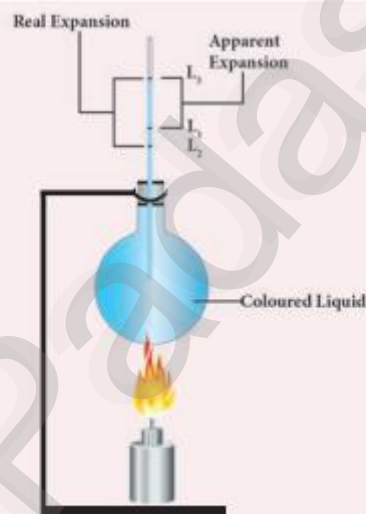


Figure 3.5 Real and apparent expansion of liquid

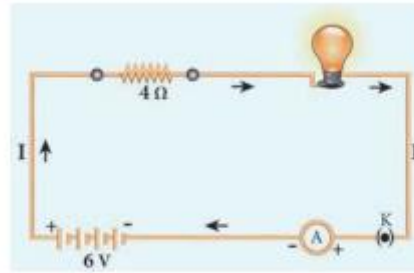


Figure 4.2 A simple electric circuit

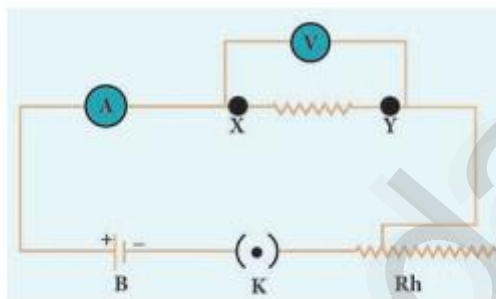


Figure 4.4 Electric circuit to understand Ohm's law

SYMBOL USED	

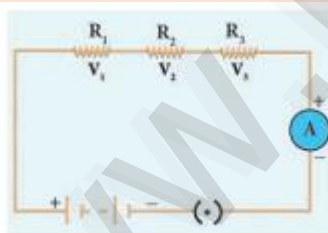


Figure 4.6 Series connection of resistors

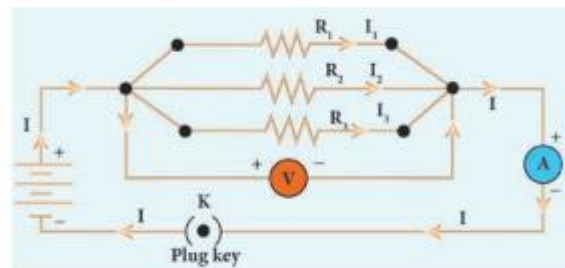


Figure 4.7 Parallel connections of resistors

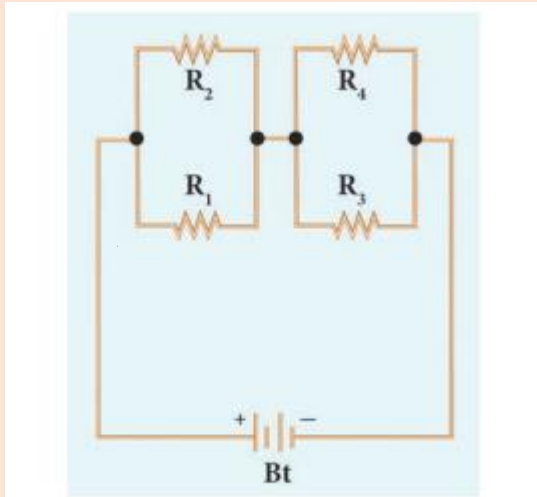


Figure 4.8 Series-parallel combination of resistors

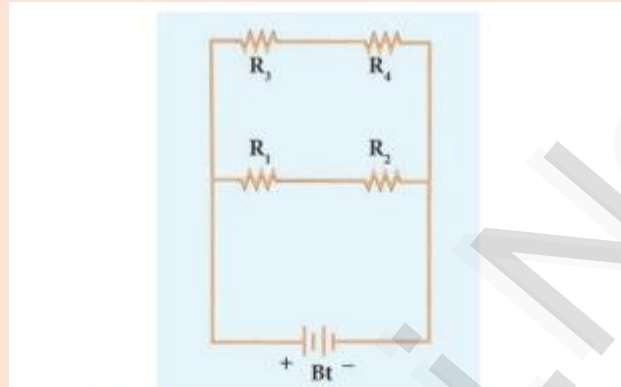


Figure 4.9 Parallel-series combination of resistors

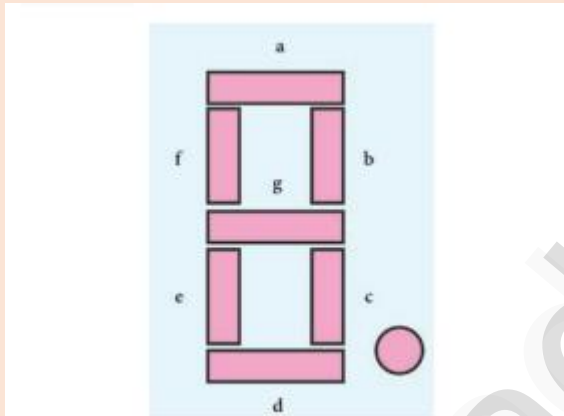


Figure 4.12 Seven segment display

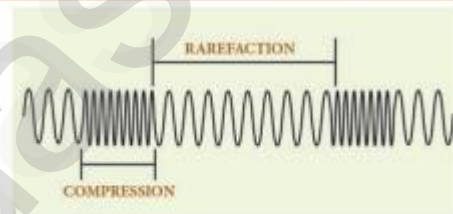


Figure 5.2 Sound propagates as longitudinal waves

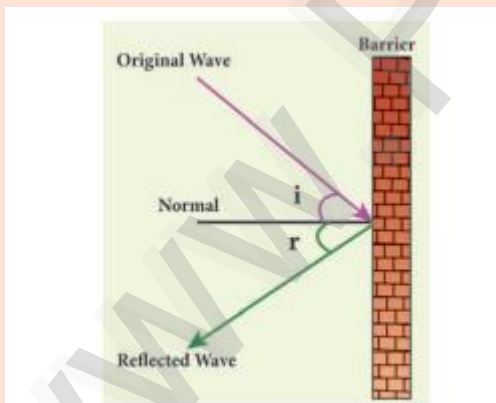


Figure 5.4 Laws of reflection

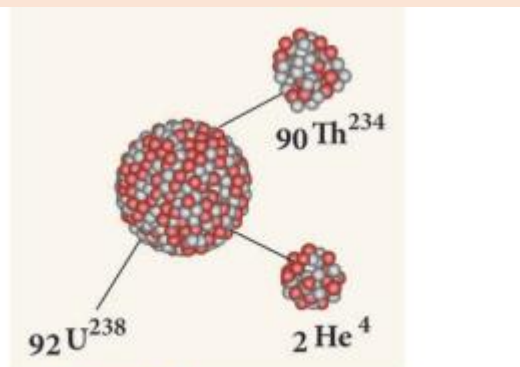


Figure 6.1 Alpha decay

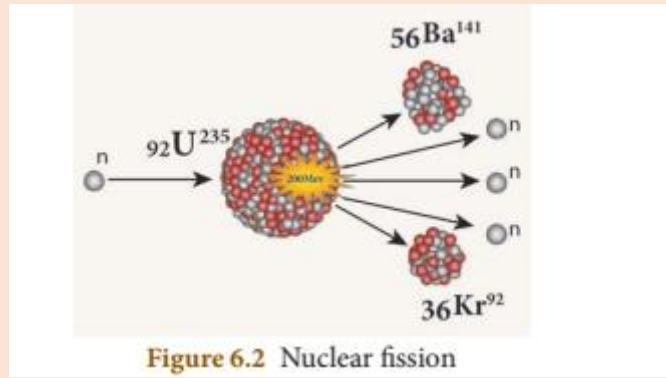


Figure 6.2 Nuclear fission

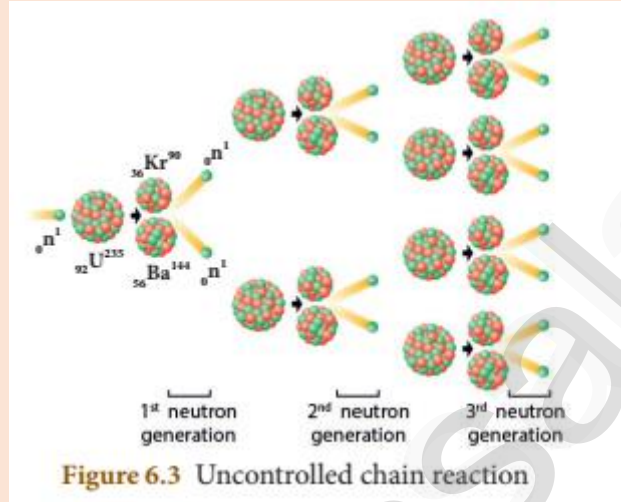


Figure 6.3 Uncontrolled chain reaction

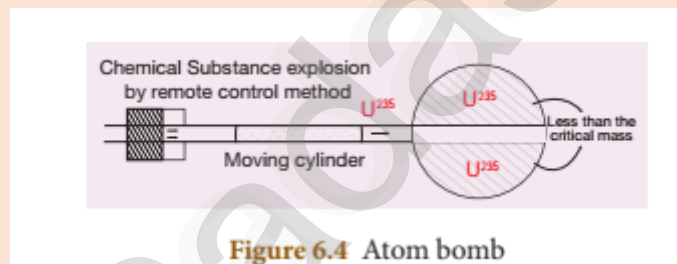


Figure 6.4 Atom bomb

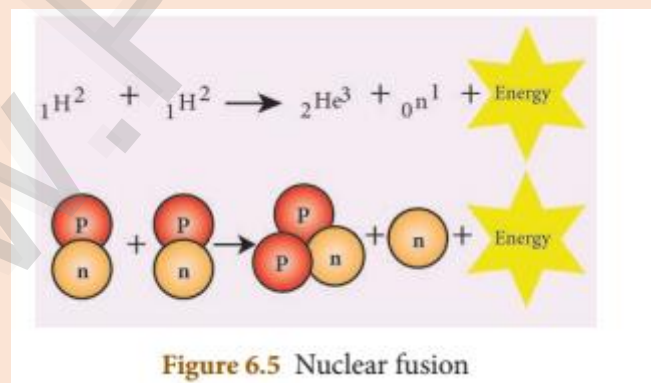


Figure 6.5 Nuclear fusion

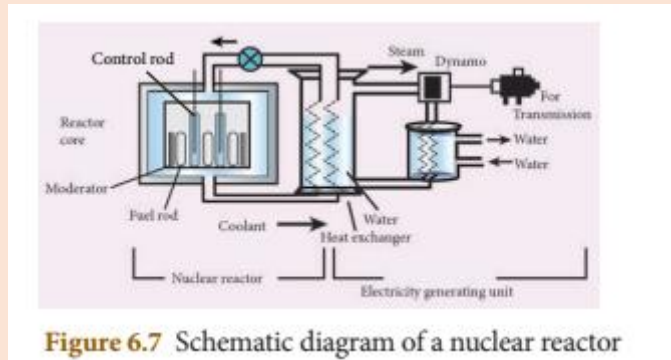


Figure 6.7 Schematic diagram of a nuclear reactor

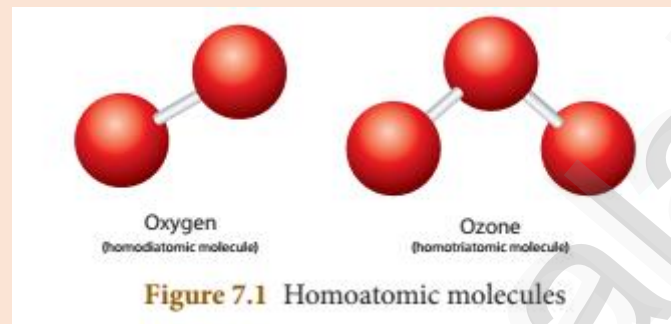


Figure 7.1 Homoatomic molecules

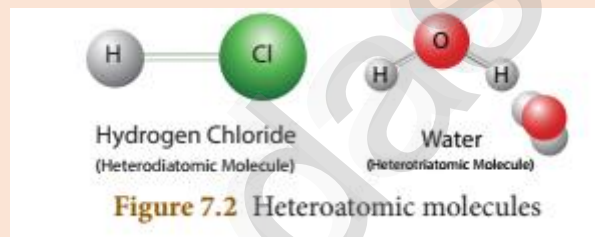


Figure 7.2 Heteroatomic molecules

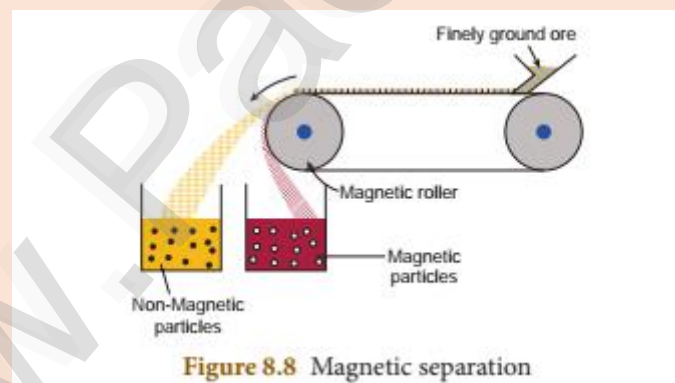
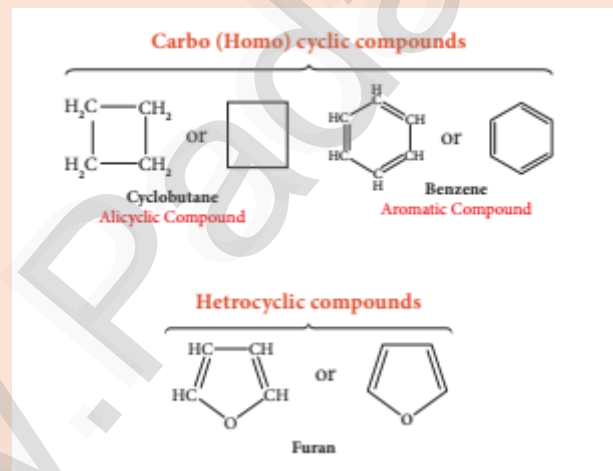
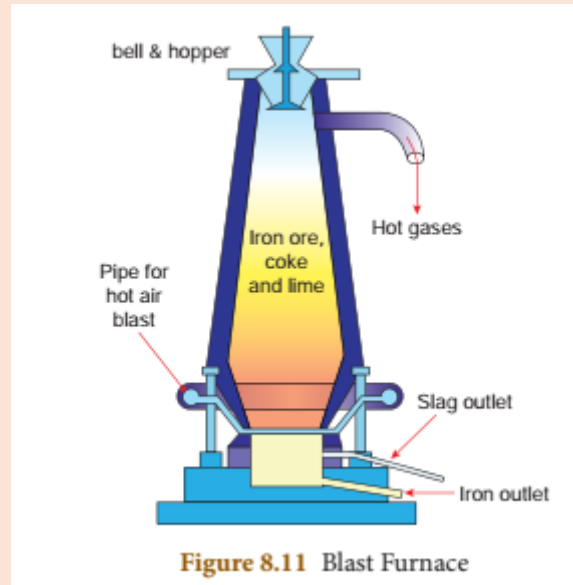


Figure 8.8 Magnetic separation



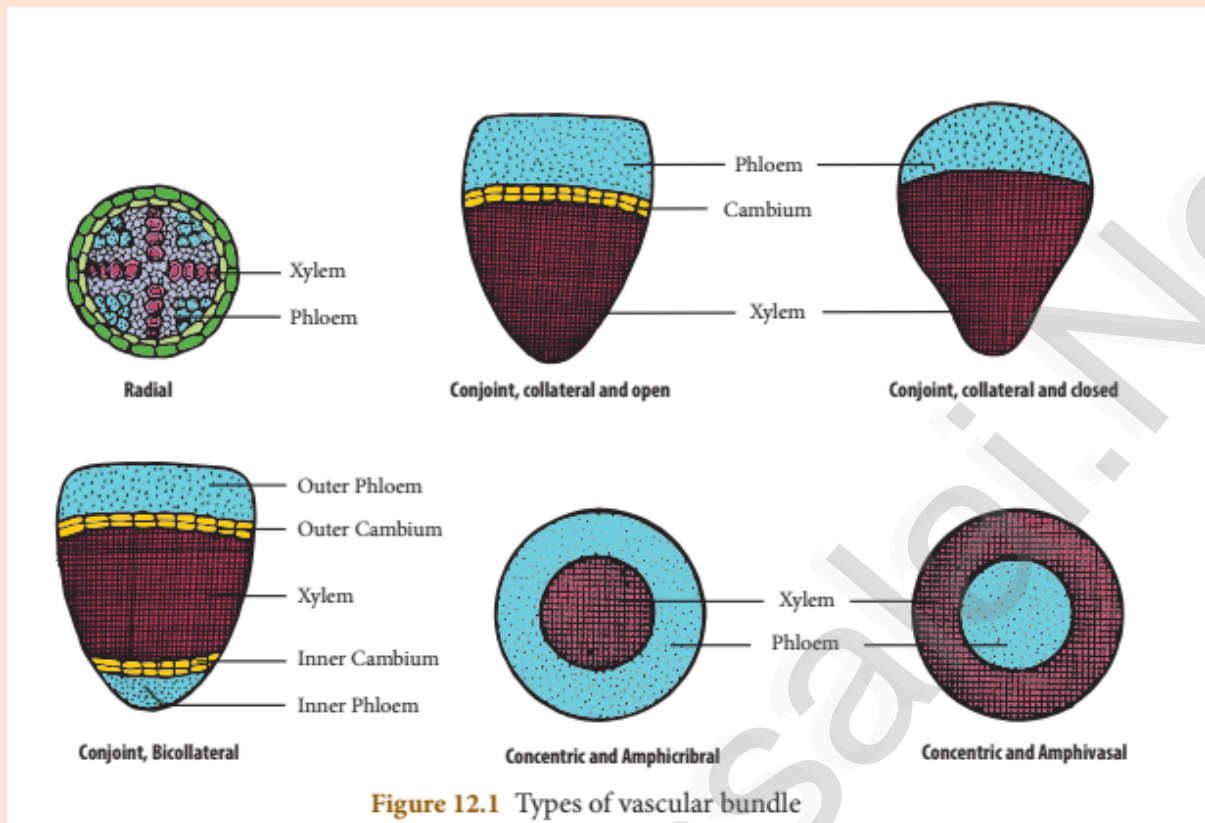


Figure 12.1 Types of vascular bundle

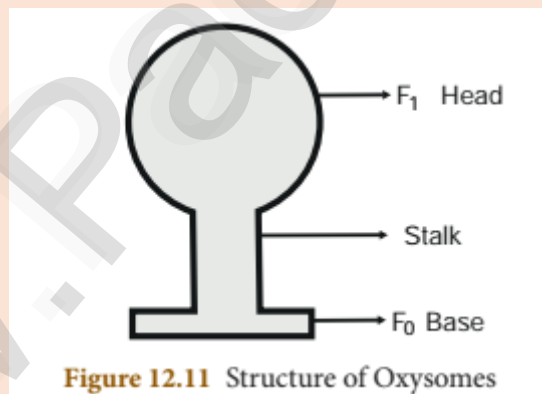
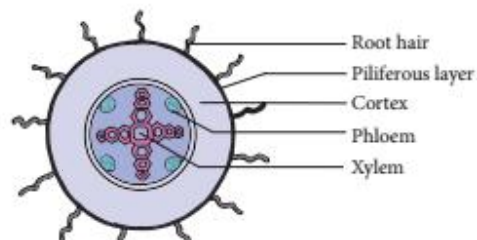
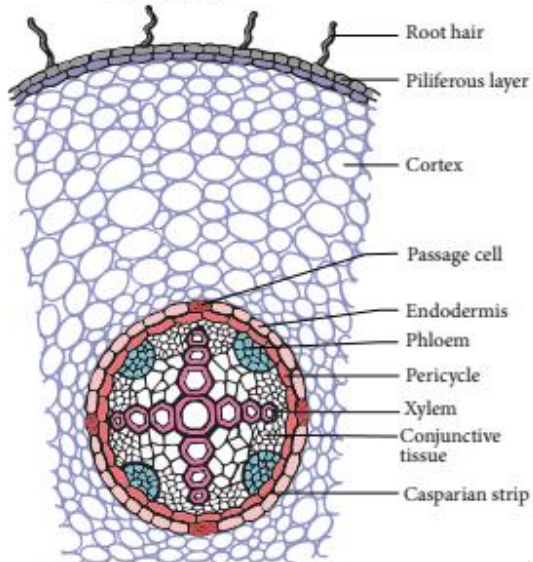


Figure 12.11 Structure of Oxysomes

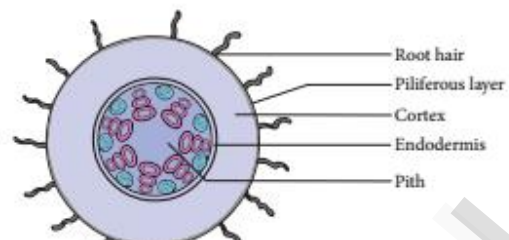


Ground plan

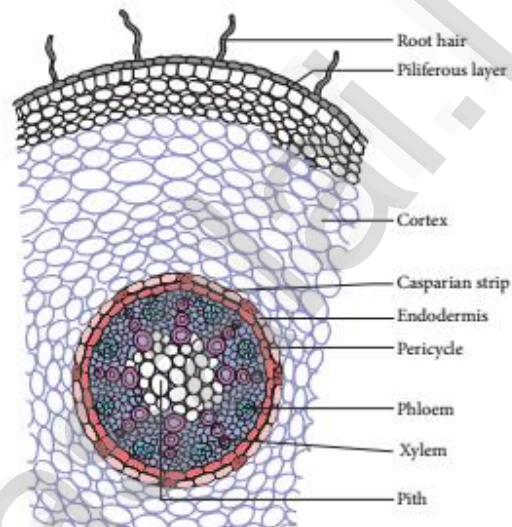


A sector enlarged

Figure 12.2 Transverse section of Dicot root



Ground plan

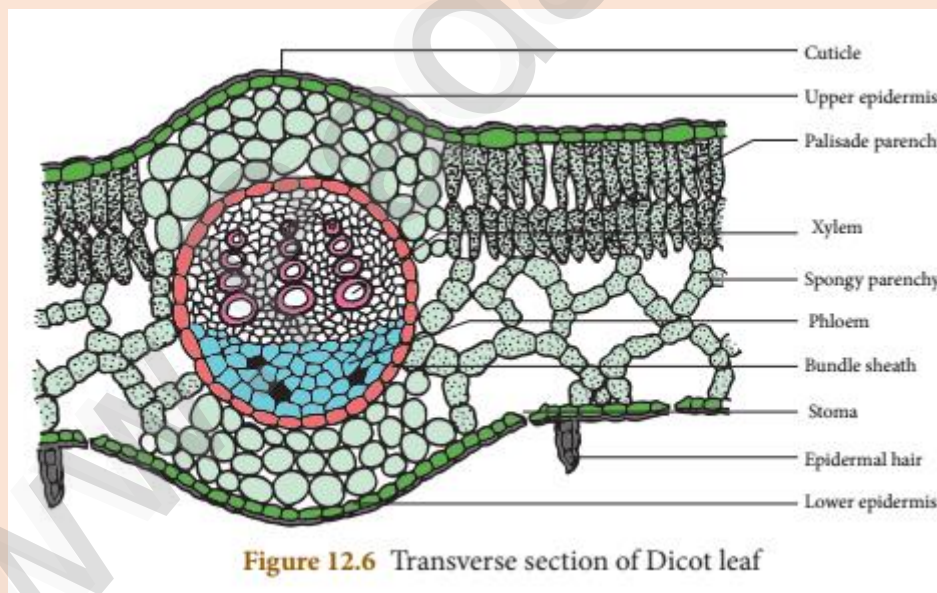
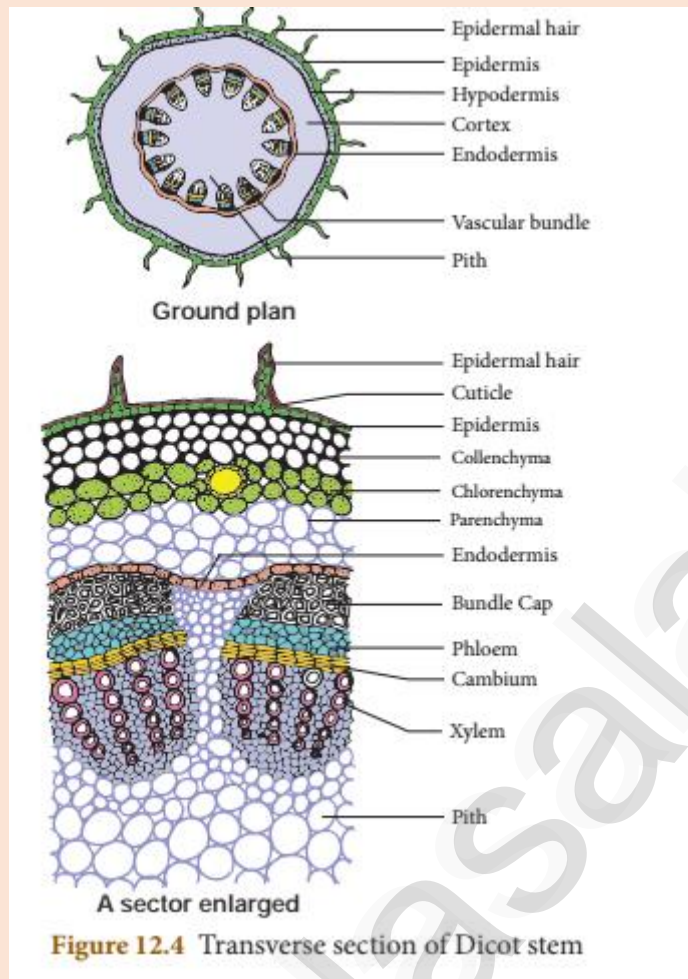


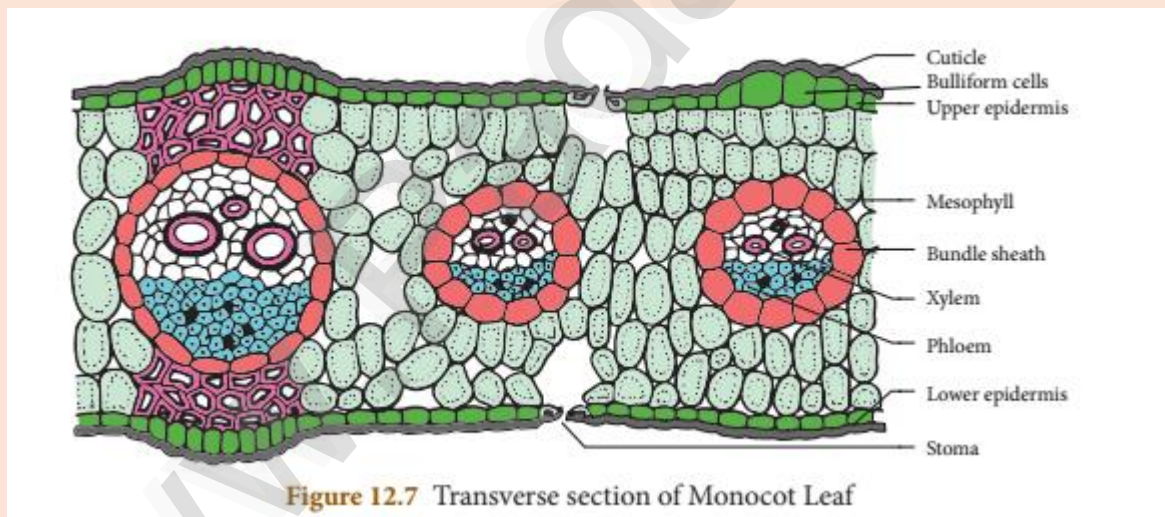
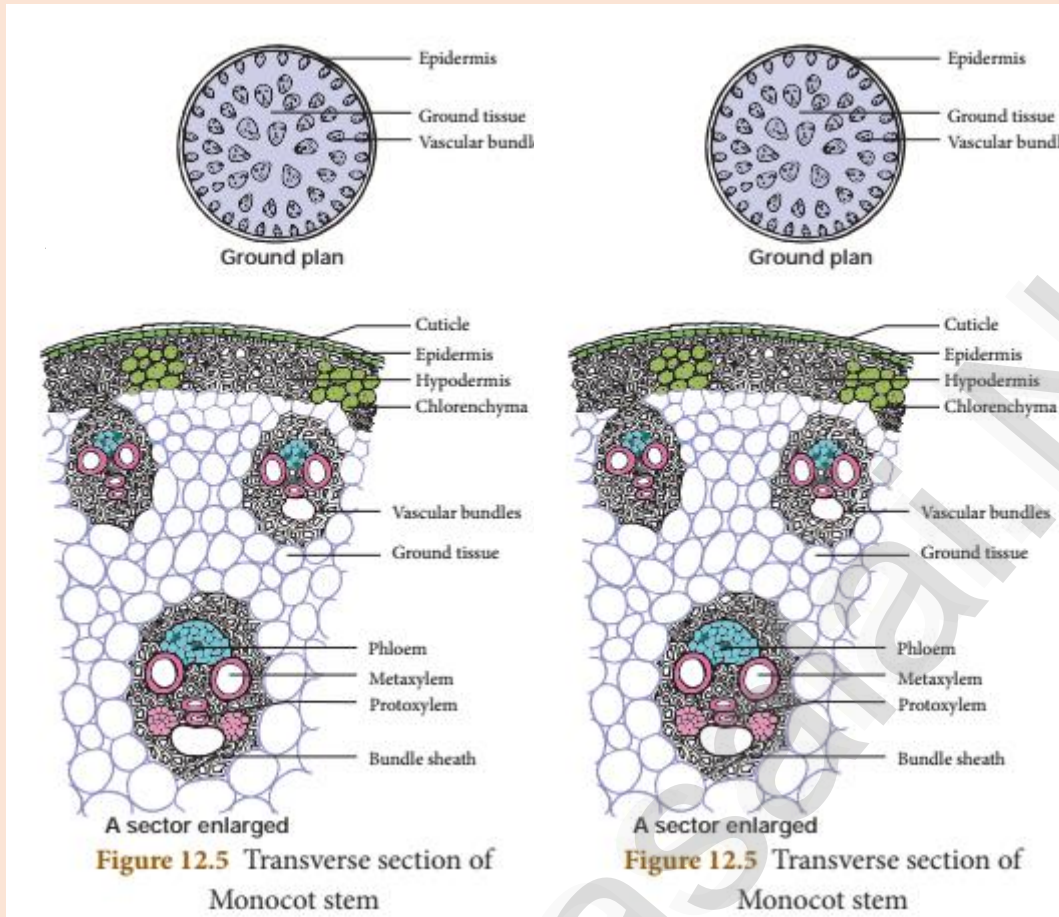
A sector enlarged

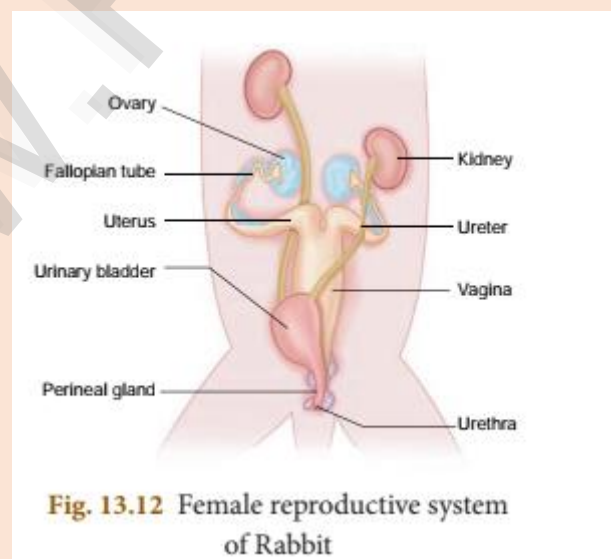
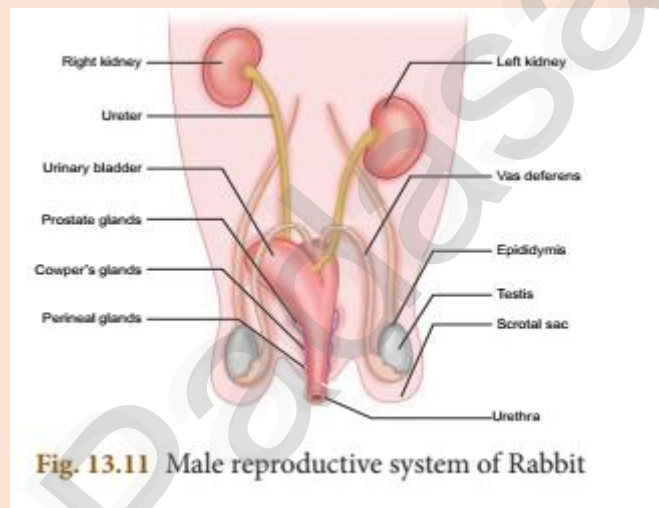
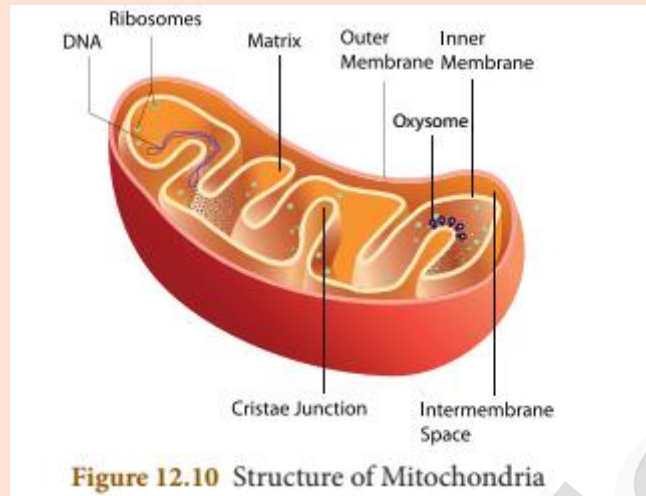
Figure 12.3 Transverse section of Monocot root



Figure 12.8 Ultrastructure of Chloroplast







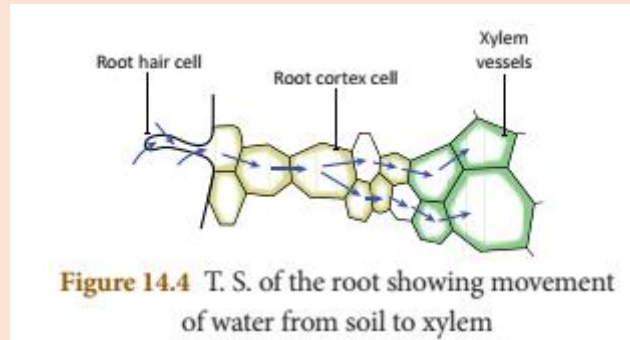


Figure 14.4 T. S. of the root showing movement of water from soil to xylem

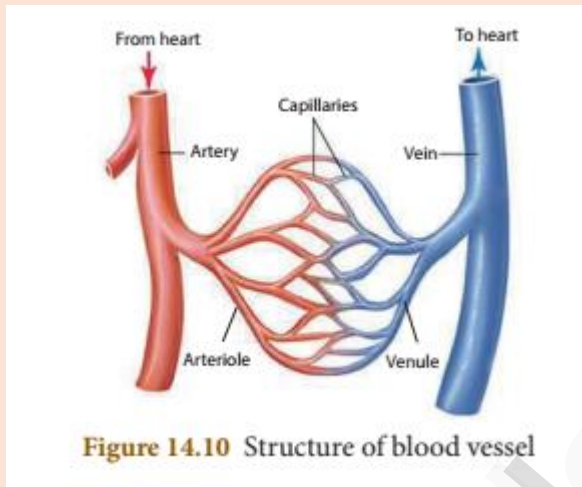


Figure 14.10 Structure of blood vessel

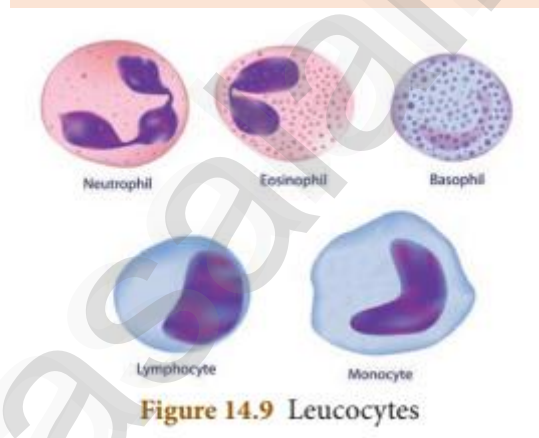
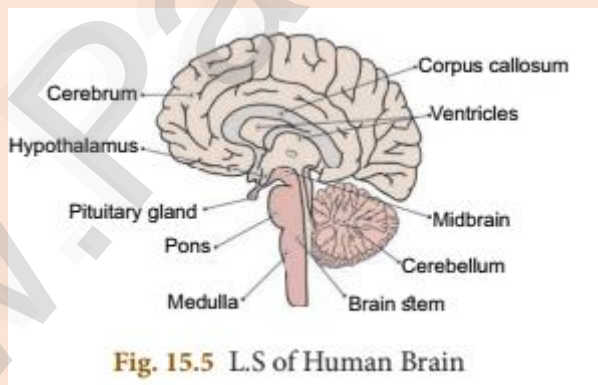
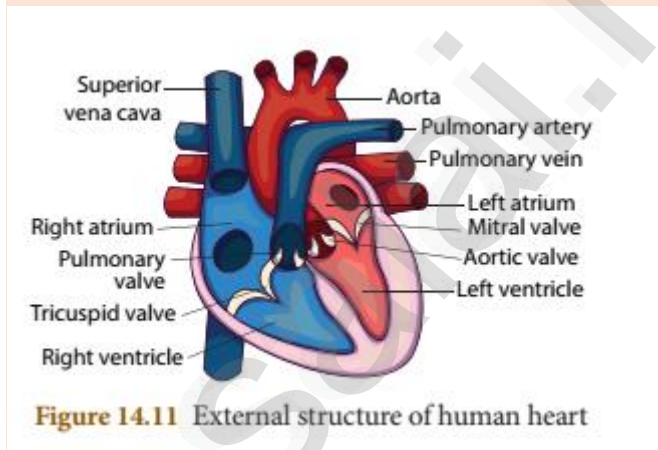
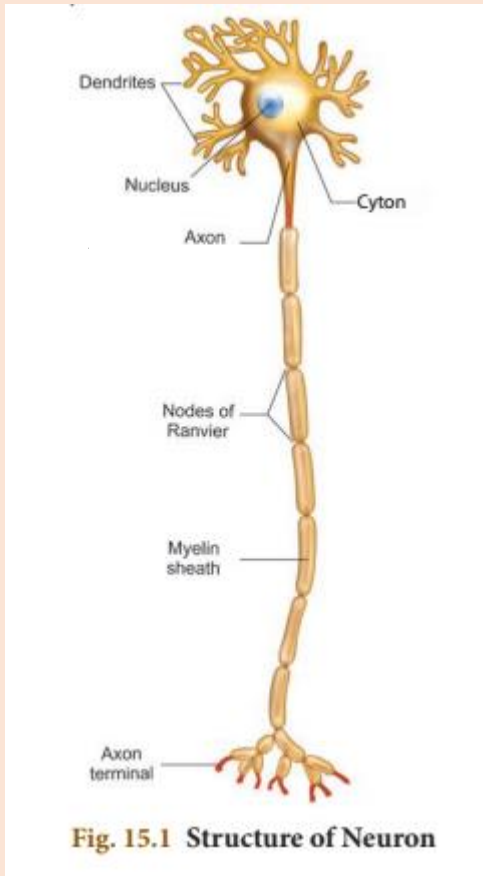
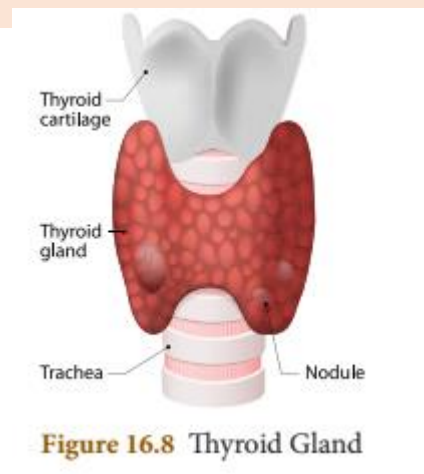
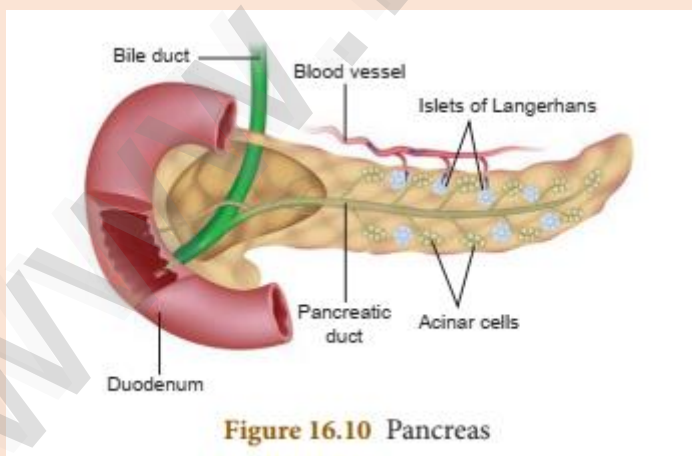
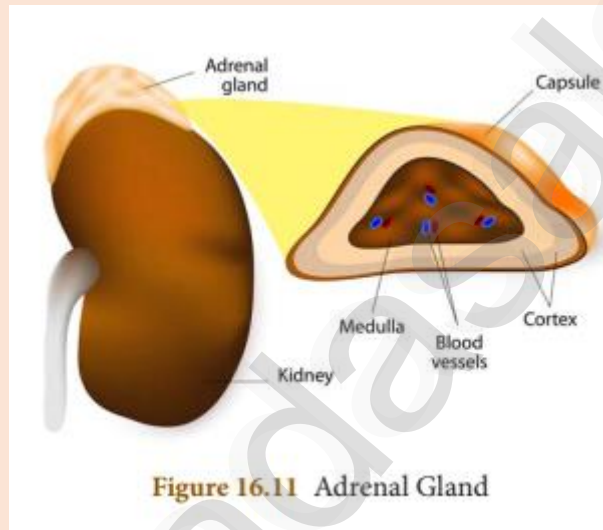
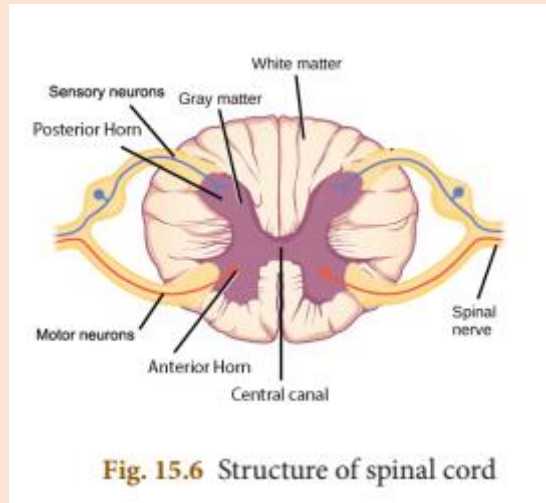
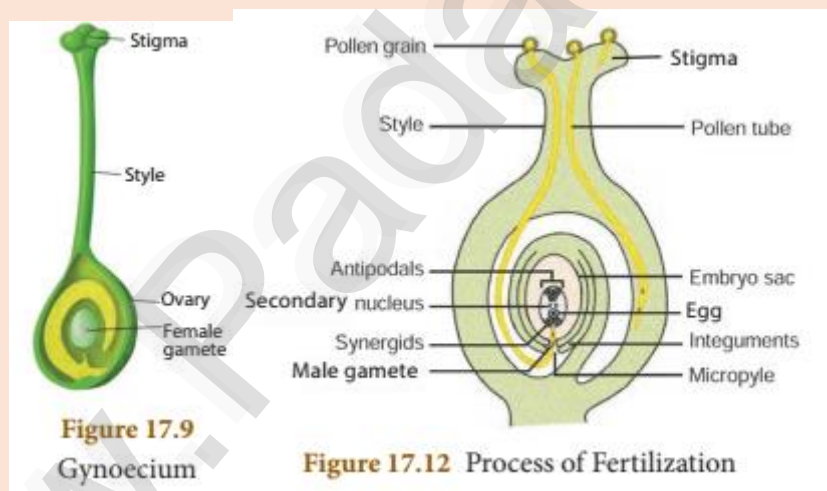
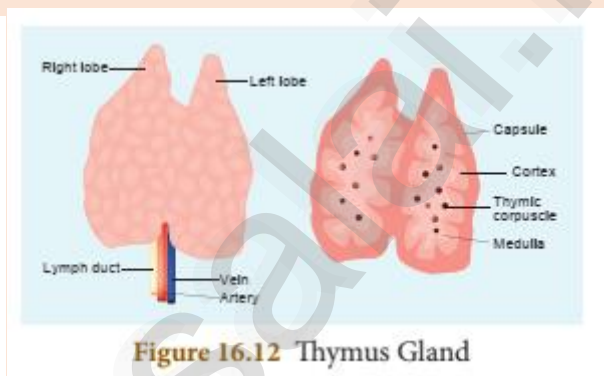
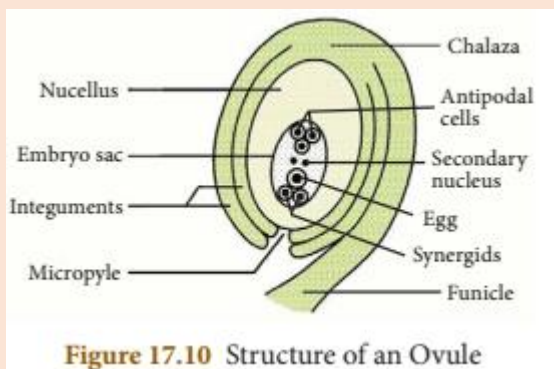
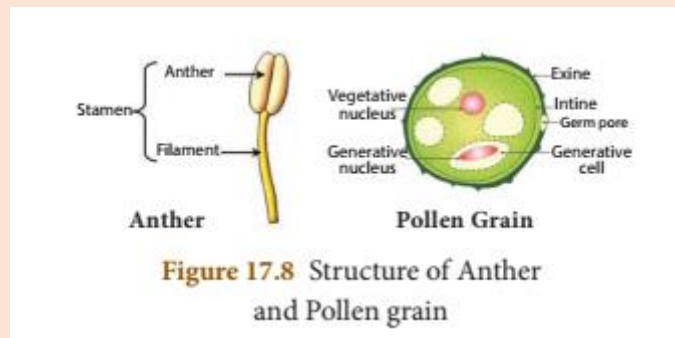


Figure 14.9 Leucocytes







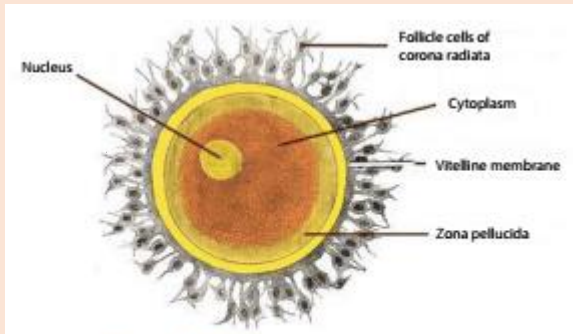


Figure 17.16 Structure of ovum

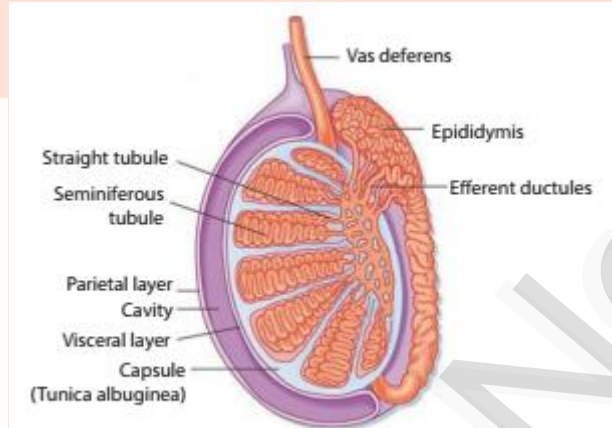


Figure 17.13 L.S of human testes

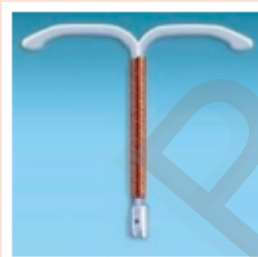


Figure 17.19 Copper-T

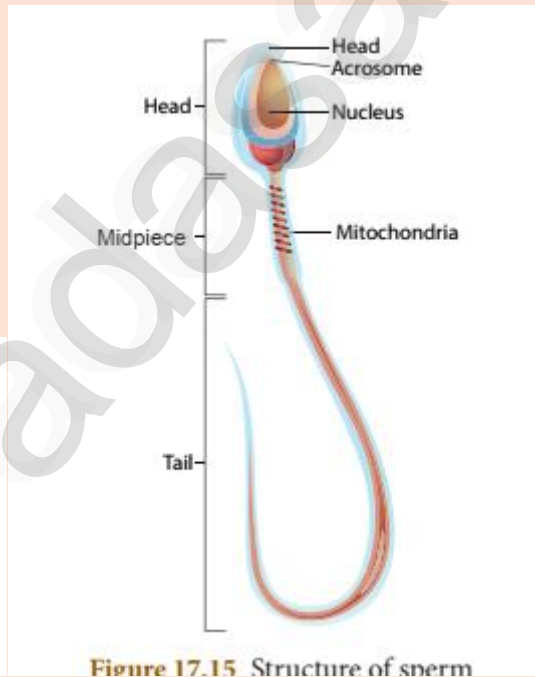


Figure 17.15 Structure of sperm

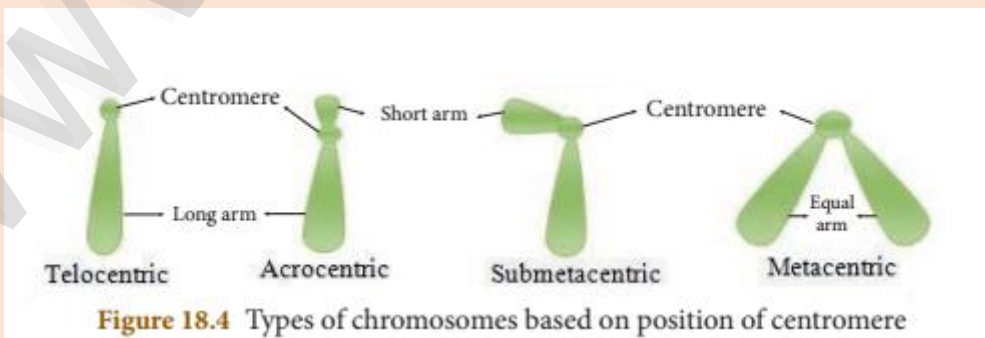


Figure 18.4 Types of chromosomes based on position of centromere

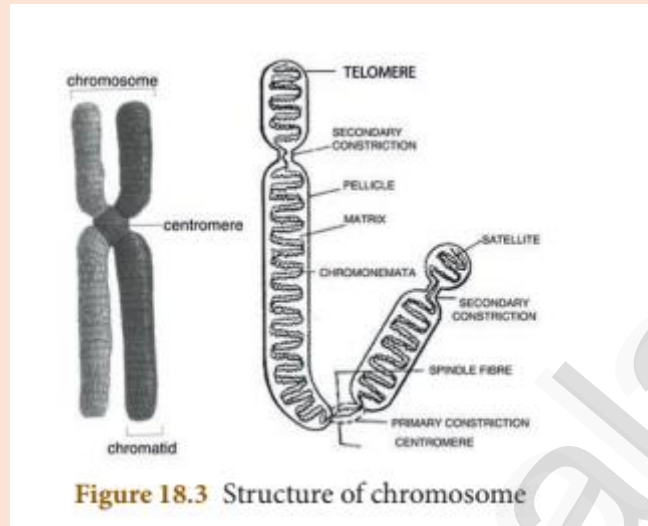


Figure 18.3 Structure of chromosome

SIR CV RAMAN COACHING CENTRE – IDAPPADI,SALEM

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