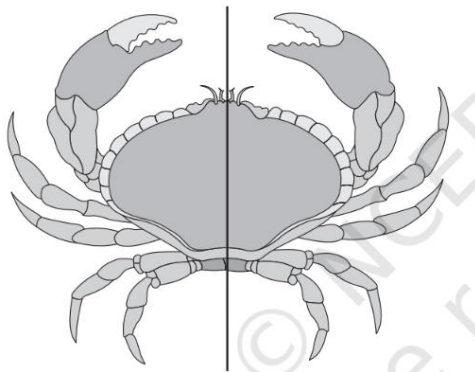
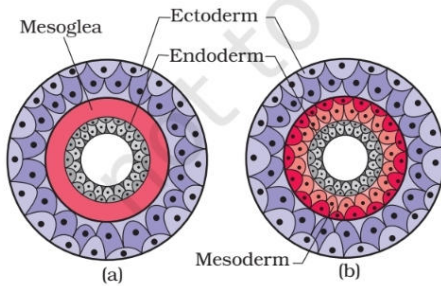


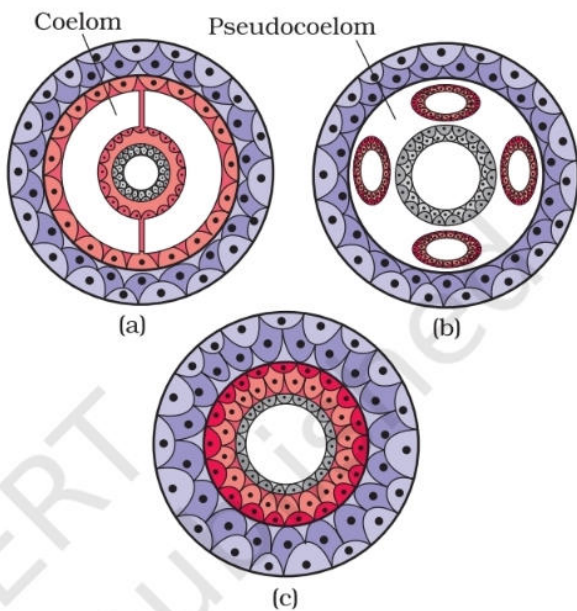
**Figure 4.1** (a) Radial symmetry



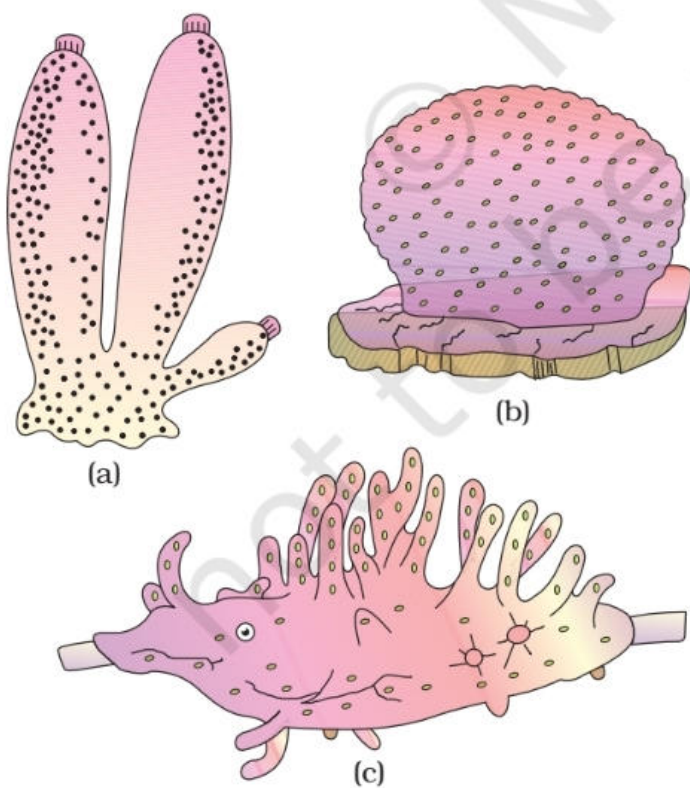
**Figure 4.1** (b) Bilateral symmetry



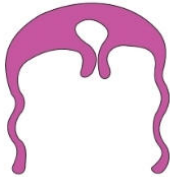
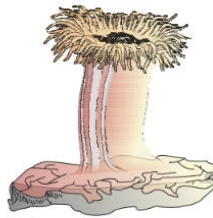
**Figure 4.2** Showing germinal layers :  
(a) Diploblastic (b) Triploblastic



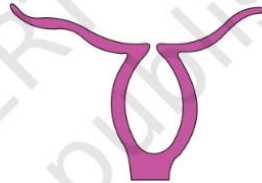
**Figure 4.3** Diagrammatic sectional view of :  
(a) Coelomate (b) Pseudocoelomate  
(c) Acoelomate



**Figure 4.5** Examples of Porifera : (a) *Sycon* (b) *Euspongia* (c) *Spongilla*



(a)

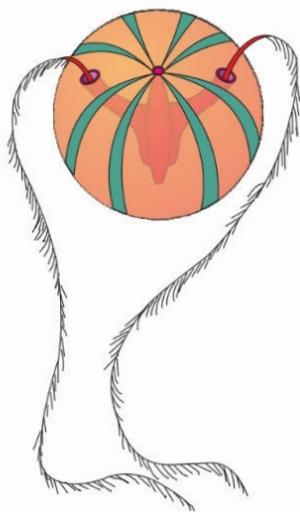


(b)

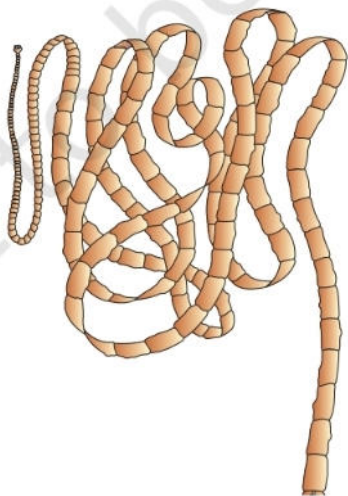
**Figure 4.6** Examples of Coelenterata indicating outline of their body form :  
(a) *Aurelia* (Medusa) (b) *Adamsia* (Polyp)



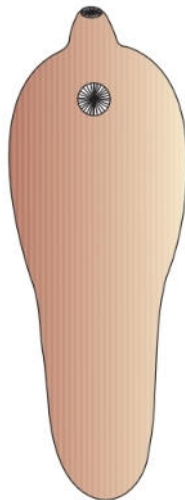
**Figure 4.7**  
Diagrammatic view of  
Cnidoblast



**Figure 4.8** Example of Ctenophora (*Pleurobrachia*)

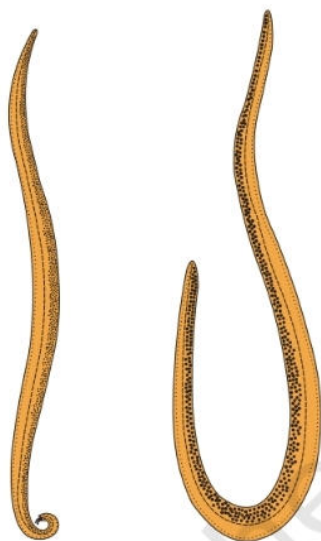


(a)



(b)

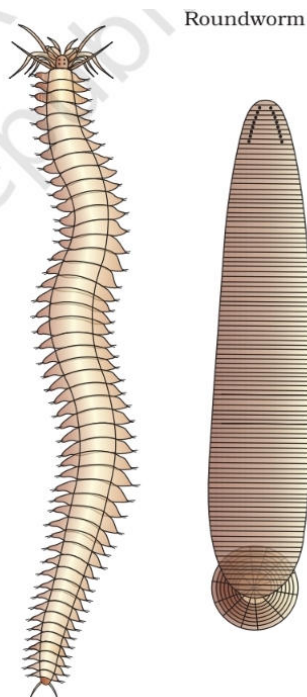
**Figure 4.9** Examples of Platyhelminthes : (a) Tape worm (b) Liver fluke



Male

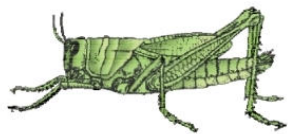
Female

**Figure 4.10** Example of Aschelminthes: Roundworm



Roundworm

**Figure 4.11** Examples of Annelida : (a) *Nereis*  
(b) *Hirudinaria*



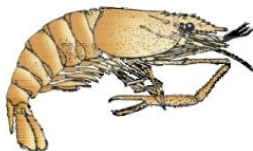
(a)



(b)



(c)



(d)

**Figure 4.12** Examples of Arthropoda :

(a) Locust (b) Butterfly

(c) Scorpion (d) Prawn



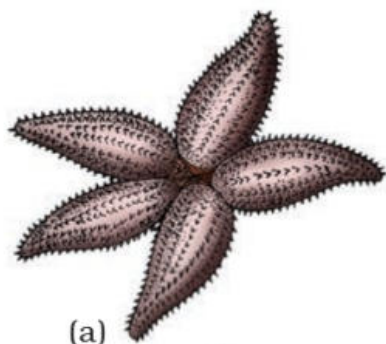
(a)



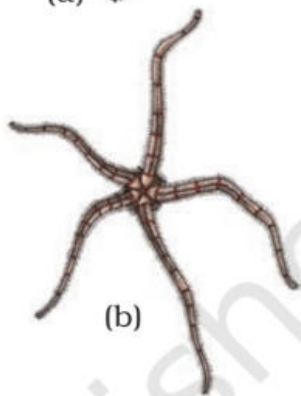
(b)

**Figure 4.13** Examples of Mollusca :

(a) *Pila* (b) *Octopus*

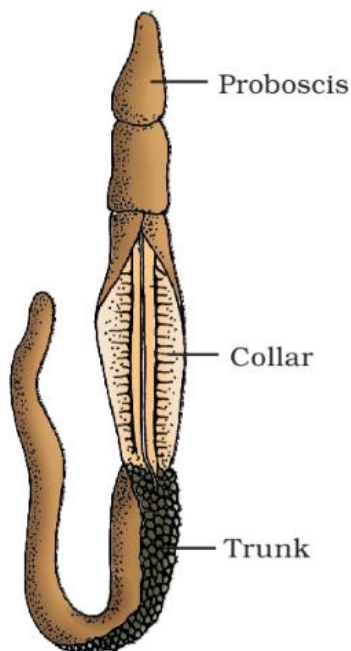


(a)



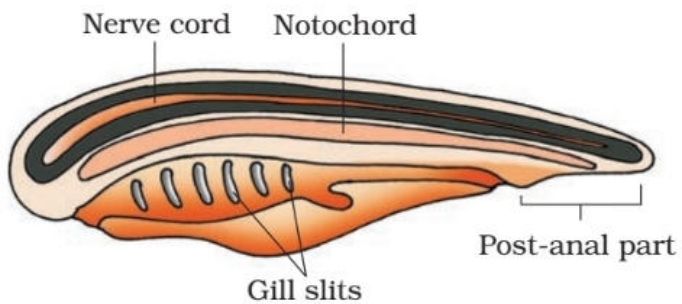
(b)

**Figure 4.14** Examples of Echinodermata :  
 (a) *Asterias*  
 (b) *Ophiura*



**Figure 4.15** *Balanoglossus*

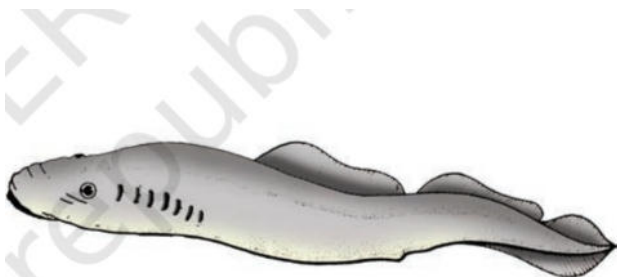




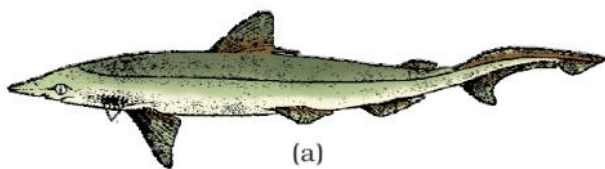
**Figure 4.16** Chordata characteristics



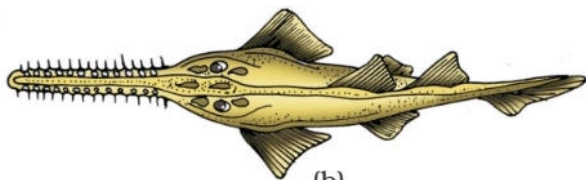
**Figure 4.17** *Ascidia*



**Figure 4.18** A jawless vertebrate - *Petromyzon*

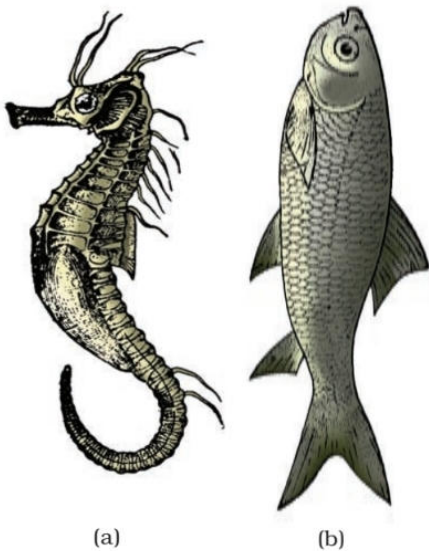


(a)

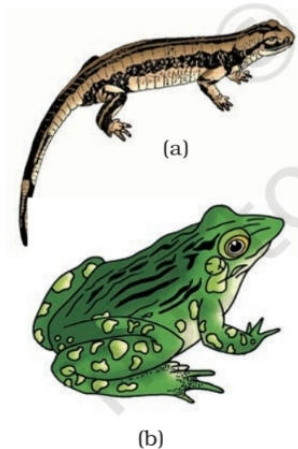


(b)

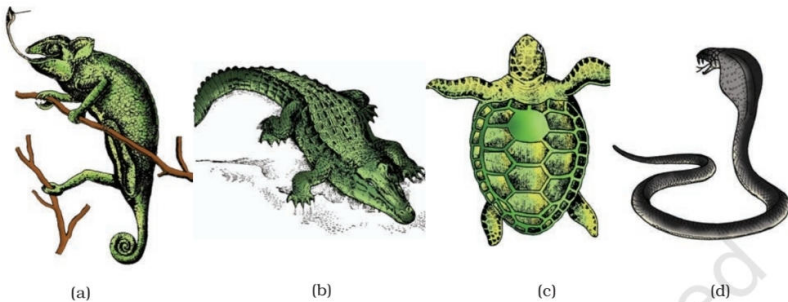
**Figure 4.19** Example of Cartilaginous fishes :  
(a) *Scoliodon* (b) *Pristis*



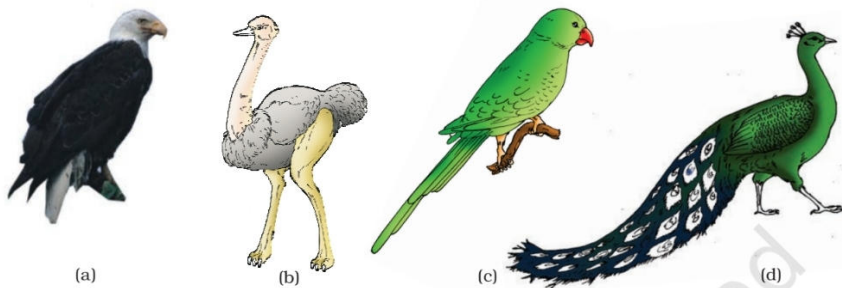
**Figure 4.20** Examples of Bony fishes :  
 (a) *Hippocampus* (b) *Catla*



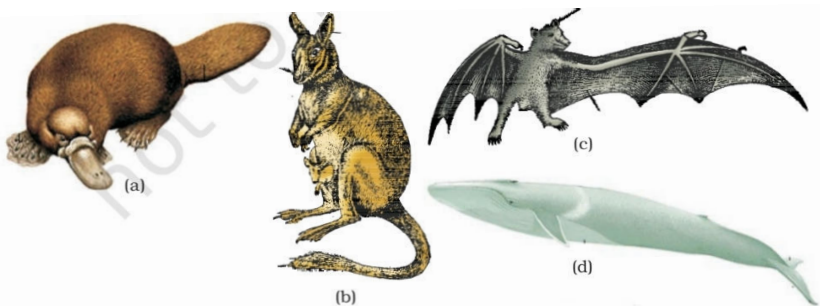
**Figure 4.21** Examples of Amphibia :  
 (a) *Salamandra*  
 (b) *Rana*



**Figure 4.22** Reptiles: (a) *Chameleon* (b) *Crocodilus* (c) *Chelone* (d) *Naja*



**Figure 4.23** Some birds : (a) *Neophron* (b) *Struthio* (c) *Psittacula* (d) *Pavo*



**Figure 4.24** Some mammals : (a) *Ornithorhynchus* (b) *Macropus* (c) *Pteropus* (d) *Balaenoptera*

