











## Answer 6

### (a)

- (i) Phylum Arthropoda
- (ii) Phylum Annelida
- (iii) Phylum Echinodermata
- (iv) Phylum Mollusca
- (v) Phylum Coelenterata

### (b)

- (i) Lipase
- (ii) Ptyalin
- (iii) Lactase
- (iv) Trypsin
- (v) Renin

## Answer 7

### (a)

- (i) The epidermis of the skin consists of three layers; the outer cornified layer, the middle granular layer and the inner malpighian layer.
- (ii) Salient features of Phylum Porifera:
  - 1. Most of the organisms found in this phylum are marine organisms.
  - 2. Organisms that belong to this phylum are sessile organisms, that is they are permanently attached to a substratum and do not move around.
  - 3. They show the presence of multiple pores on their body.
  - 4. They have a canal system for circulation of water.

### (b)

- (i) Long and feathery stigma: Helps in receiving pollen grains that are dispersed by the wind.
- (ii) Brightly coloured petals: Attract insects for pollination.
- (iii) Smooth and light pollen: Allows the pollen to be easily carried by the wind from one place to another.
- (iv) Protruding and easily movable anthers: Shed pollen even on the slightest wind movement.
- (v) Fragrant nectar: Attracts insects for pollination.