









### Question 5

**(a)**

- (i) What are communicable diseases? Give two examples.
- (ii) Write the full form of: BCG and AIDS. [5]

**(b)**

- (i) What is epigeal germination? Name a seed which shows epigeal germination.
- (ii) Define: (1) Tidal volume (2) Vital capacity [5]

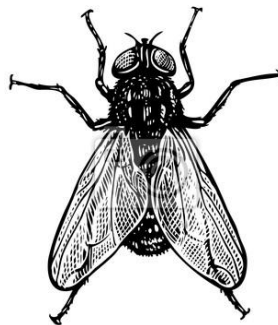
### Question 6

**(a)**

- (i) Draw a neat and well-labelled diagram of a developing pollen grain.
- (ii) What is double fertilisation? [5]

**(b)**

- (i) What is malaria? How is it caused?
- (ii) Study the given figure and answer the questions based on it:



- 1. Name the insect.
- 2. Name the diseases spread by this insect.
- 3. How does it spread diseases? [5]

### Question 7

Give reasons: [10]

- (i) *Entamoeba histolytica* has no contractile vacuole.
- (ii) The last molar of each side in each jaw is called wisdom tooth.
- (iii) Coconuts are seen floating on water.
- (iv) One should breathe through your nose and not through your mouth.
- (v) Fungi are heterotrophic.