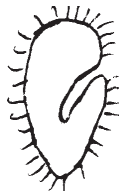


Q. 4 Choose the one which does not show binary fission.



(a) Amoeba



(b) Paramecium

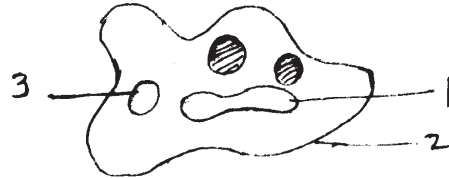


(c) Euglena



(d) Hydra

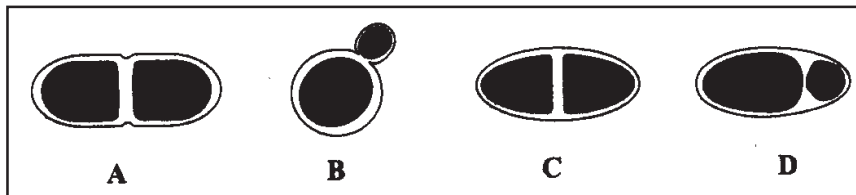
Q. 5 Label the diagram in the correct sequence.



- (a) Cell membrane, nucleus, vacuole (b) Nucleus, cell membrane, vacuole
 (c) Vacuole, cell membrane, nucleus (d) Nucleus, vacuole, cell membrane

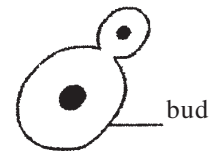
Q. 6 Budding in yeast is illustrated by the diagram.

- (i) A (ii) B (iii) C (iv) D



Q. 7 Identify the mistake in the following sketch of budding in yeast.

- (i) Bud is shown to be smaller than parent cell
 (ii) Nuclei are present in both bud and parental cell
 (iii) Both parent and bud are shown as single cells.
 (iv) Bud is wrongly labelled.



Q. 8 Which one of the following diagram most appropriately illustrates binary fission in amoeba?



(I)

(i) I



(II)

(ii) II



(III)

(iii) III



(IV)

(iv) IV

Q. 9 Having seen the permanent slide of reproduction in amoeba and yeast under microscope. Rohit concluded that :-

- (i) amoeba reproduces by binary fission and yeast by budding
- (ii) both reproduce by binary fission
- (iii) both reproduce by budding.
- (iv) amoeba reproduces by budding and yeast by binary fission.

Q. 10 The shape of yeast cells as observed in permanent slide under microscope is:-

- (i) Rectangular
- (ii) Irregular
- (iii) Spherical / oval
- (iv) Elongated