

16. Reproduction

16.1 Asexual reproduction

Paper 3 and 4

Question Paper

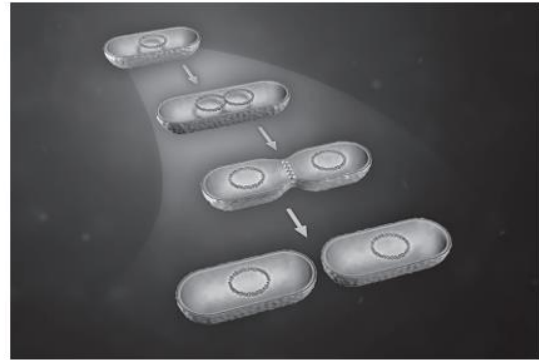
Paper 3

Questions are applicable for both core and extended candidates

- 1 (b) Fig. 5.1 shows four examples of reproduction in living organisms.



Q a sperm cell reaching an egg cell



R a single bacterial cell dividing



S a strawberry plant with offspring connected by a runner



T an insect pollinating a flower

Fig. 5.1

State the **two** letters in Fig. 5.1 that identify examples of asexual reproduction.

..... and

[2]

2 (c) The human reproductive system is involved in sexual reproduction.

Compare **asexual** reproduction with **sexual** reproduction.

[3]

3 (d) Plants can reproduce asexually or sexually.

Table 7.1 compares asexual and sexual reproduction.

Place ticks (✓) in the boxes to show the correct features of asexual and sexual reproduction.

Table 7.1

features of reproduction	asexual reproduction	sexual reproduction
involves gametes		
makes more of the same kind of organism		
produces genetically identical offspring		
involves fertilisation		

[4]

4 (d) Fig. 5.1 shows some examples of reproduction.

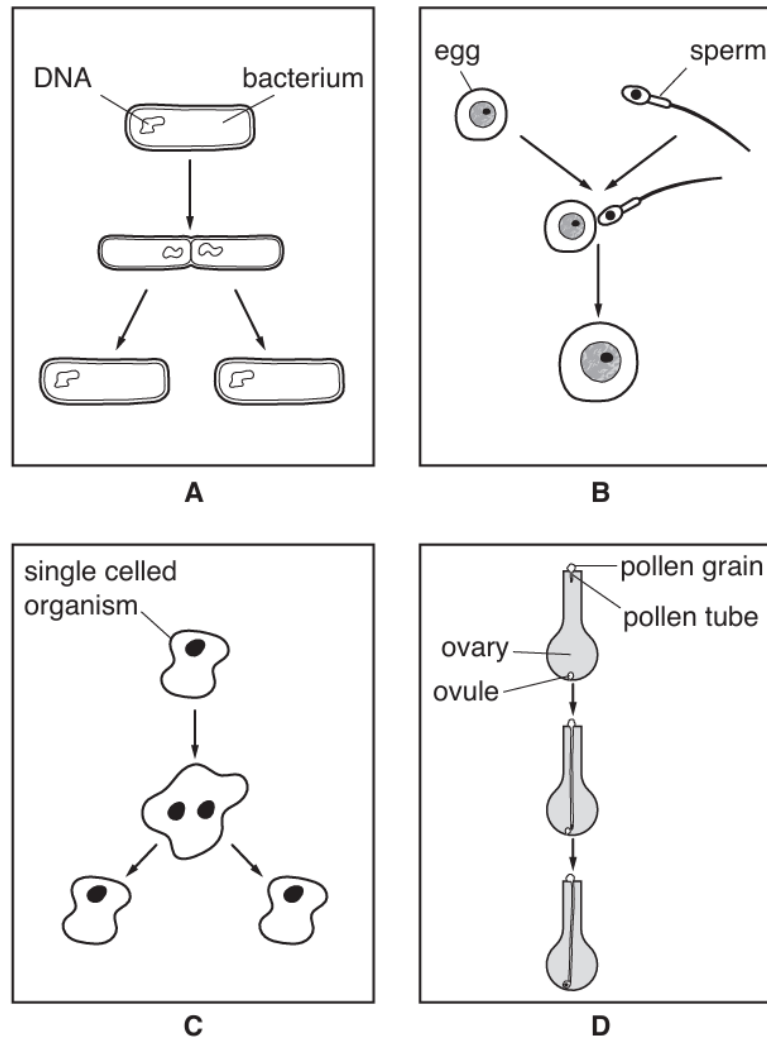


Fig. 5.1

State the letter or letters that identify examples of **asexual** reproduction.

Give a reason for your answer using evidence from Fig. 5.1.

letter(s)

reason

.....