

Section B
Bahagian B

[38 marks]
[38 markah]

Answer all question in this section.
Jawab semua soalan dalam bahagian ini.

- 5 Diagram 4 shows a schematic diagram for the inheritance of mice's fur colour.
Rajah 4 menunjukkan rajah skema bagi pewarisan warna bulu tikus.

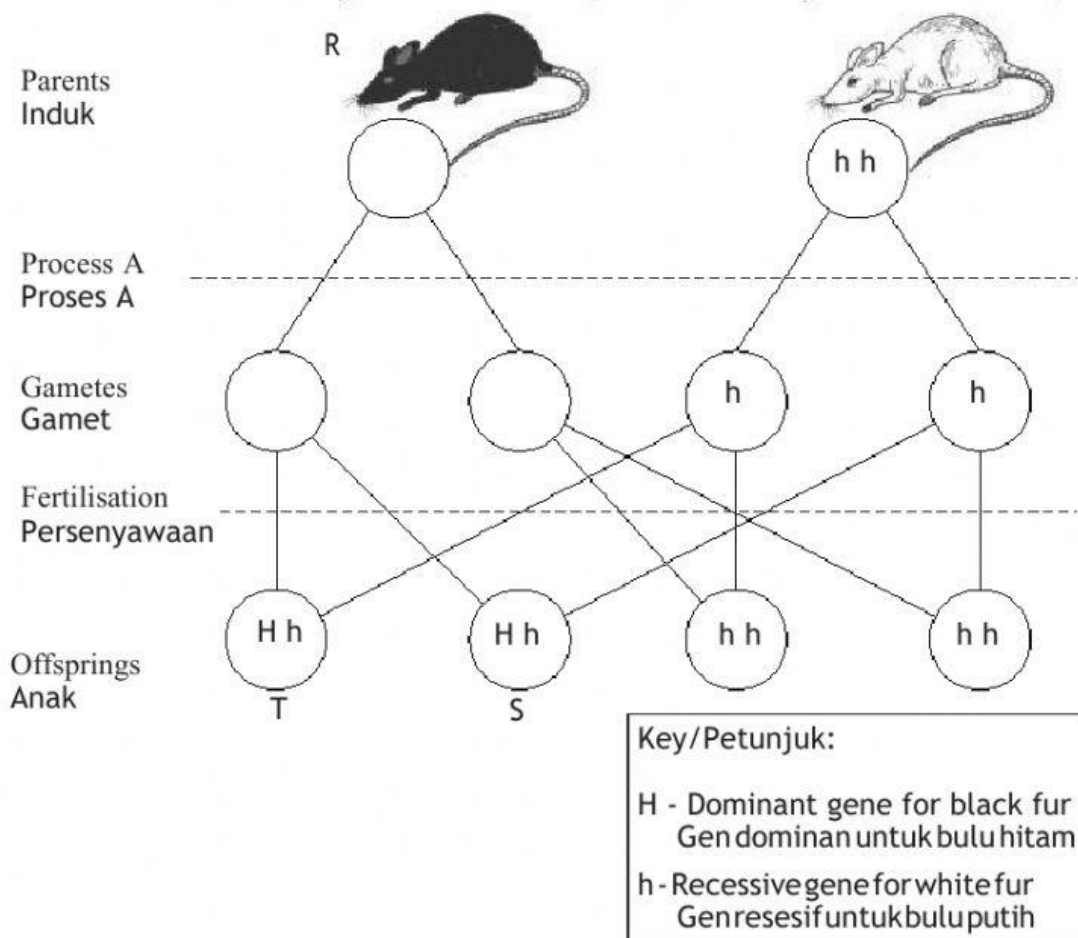


Diagram 4
Rajah 4

- (a) In Diagram 4, complete the genotype of parent R.
Dalam Rajah 4, lengkapkan genotip bagi induk R.
[5.5.2/66/KS0302/R]

[1 mark]
[1 markah]

- (b) Name process A.

Namakan proses A.

[5.2.2/66/KS0202/R]

[1 mark]

[1 markah]

- (c) Based on Diagram 4,

Berdasarkan Rajah 4,

- (i) what is the phenotype of offspring S?

apakah fenotip bagi anak S?

[5.2.2/66/KS0302/R]

[1 mark]

[1 markah]

- (ii) State the ratio of black fur mice to white fur mice of the offsprings.

Nyatakan nisbah anak tikus berbulu hitam kepada anak tikus berbulu putih.

[5.2.2/66/KS0302/R]

[1 mark]

[1 markah]

- (d) If offspring T and S in Diagram 4 is crossed, what is the percentage of black fur mice produced?

Draw schematic diagram in the space provided below.

Jika anak T dan anak S dalam Rajah 4 dikacukkan, apakah peratus tikus berbulu hitam dihasilkan?

Lukiskan rajah skema dalam ruang yang disediakan di bawah. [5.2.2/66/KS0201/S,S]



Percentage %
Peratus

[2 marks]
[2 markah]
SULIT

[Lihat halaman
sebelah]