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.

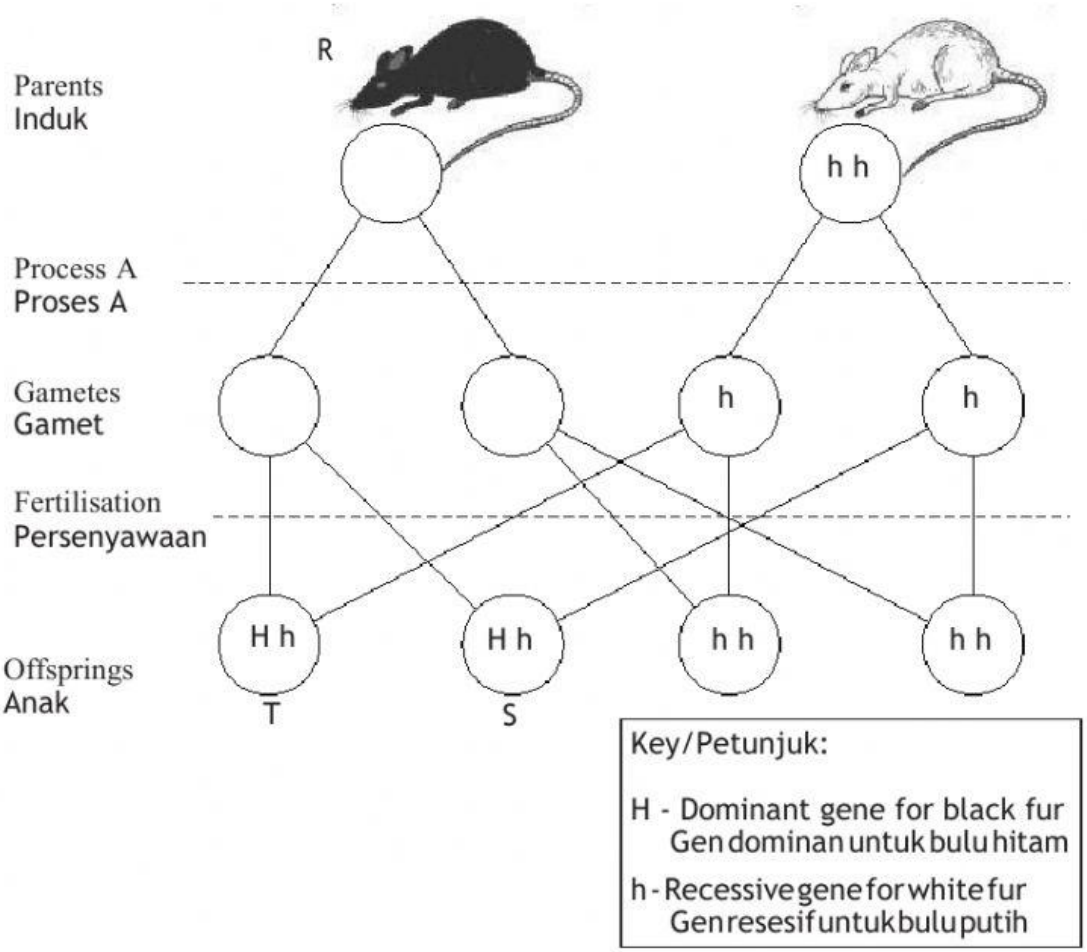

Diagram 4
Rajah 4

(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]

LIVEWORKSHEETS

(b) Name process A.

Namakan proses A.

[5.2.2/66/KS0202/R]

.....

[1 mark]
[1 markah

(c) Based on Diagram 4,

Berdasarkan Rajah4,

(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]

[Lihat halaman sebelah

LIVEWORKSHEETS