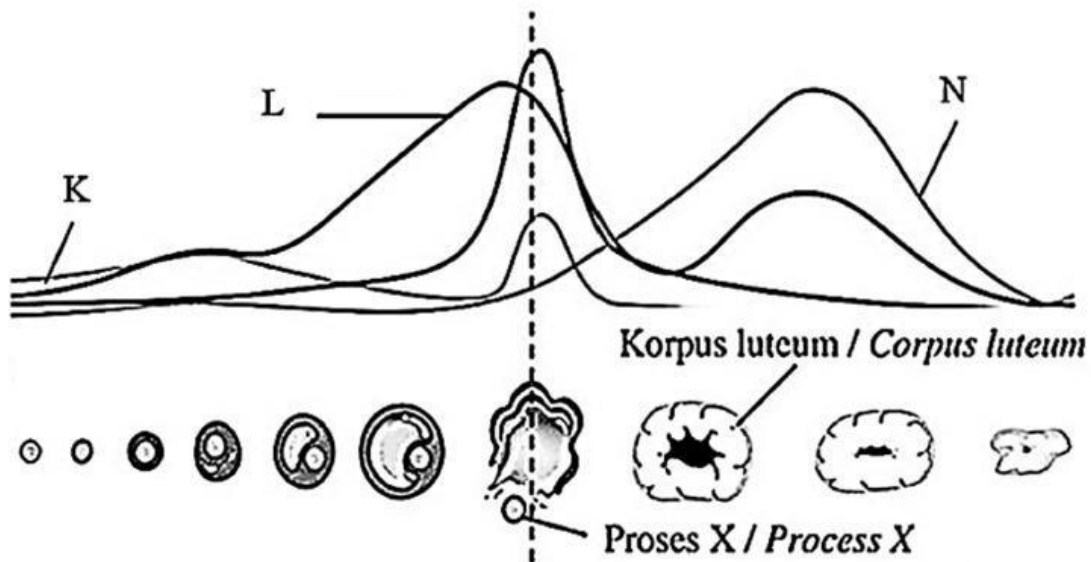


6. Rajah 6 menunjukkan urutan peristiwa dan perubahan aras hormon dalam satu kitar haid.

Diagram 6 shows the sequence of events and changes of hormonal levels in a menstrual cycle.



Rajah 6
Diagram 6

Berdasarkan Rajah 6,
Based on Diagram 6,

(a)(i) Namakan proses X.

Name process X.

.....

[1 markah/mark]

(ii) Nyatakan apa yang berlaku dalam proses X.

State the occurrence in process X.

[1 markah/mark]

(b) Puan X hampir mengalami keguguran selepas tiga minggu kehamilan. Doktor mendapati korpus luteumnya merosot. Suntikan hormon N diberi sebagai rawatan. Terangkan bagaimana hormon tersebut dapat mengelakkan keguguran.

Mrs. X almost had a miscarriage after three weeks of pregnancy. Doctor found out she has degeneration of corpus luteum. An injection of hormone N given. Explain how can that hormone prevent miscarriage.

[3 markah/marks]

(c) Puan M mengambil pil perancang untuk mencegah kehamilan. Kandungan pil itu merencat perembesan hormon perangsang folikel (FSH) oleh kelenjar pituitari. Terangkan kesan pengambilan pil perancang terhadap kitar haid.

Mrs. M takes birth control pills to prevent pregnancy. The content of the pill inhibits the secretion of follicle stimulating hormone (FSH) by the pituitary gland. Explain the effect of taking birth control pills on the menstrual cycle.

[2 markah/marks]

(d) Nyatakan perbezaan di antara hormon K dan hormon L berdasarkan aspek berikut.

State the difference between hormone K dan hormone L based on the following aspect.

Hormon K <i>Hormone K</i>	Aspek <i>Aspect</i>	Hormon L <i>Hormone L</i>
	Kelenjar yang merembeskan <i>Gland that secretes</i>	

[1 markah/mark]