ALBERTA BIOLOGY 30 · UNIT B · 5 QUESTIONS

Reproduction & Development — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **In the testes, testosterone is produced by the**

- A Seminiferous tubules
- B Interstitial cells
- C Epididymis
- D Prostate gland

Understand It with Pulse | Flag a mistake

2 **A flooded residential street with brown floodwater covering the road. The acrosome, a cap like structure covering the head of a sperm cell, has the function of**



A Releasing enzymes that break down the outer layers of the ovum so the sperm can enter

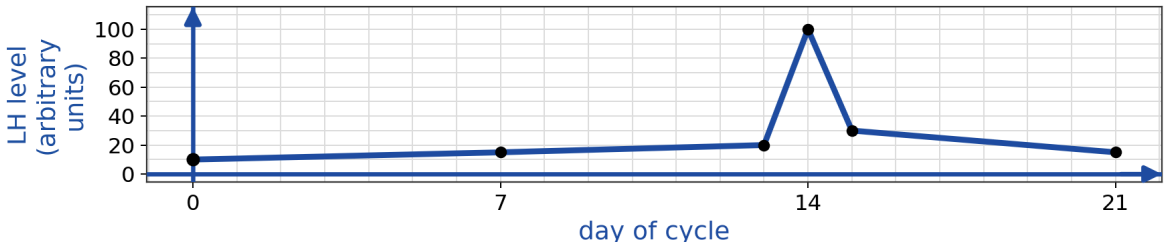
B Producing the energy needed to move the tail

C Containing the 23 chromosomes of the sperm cell

D Storing the mature sperm before ejaculation

Understand It with Pulse | Flag a mistake

3 **The graph shows LH level over a menstrual cycle. On which day of the cycle does LH reach its highest level? Record your answer as a number.**



ANSWER _____

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4 **The blood carried by the umbilical arteries is**

A Oxygenated blood flowing from the placenta to the fetus

B Oxygenated blood flowing from the fetus to the placenta

C Deoxygenated blood and wastes flowing from the fetus to the placenta

D Deoxygenated blood flowing from the placenta to the fetus

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5 **The amnion is a membrane that grows around the embryo and fills with fluid. The main role of this fluid filled sac is to**

A Supply the embryo with nutrients from the mother

B Carry oxygen from the placenta to the embryo

C Form the blood vessels of the umbilical cord

D Cushion the embryo and protect it from shocks and temperature changes

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ANSWER KEY

1. B
2. A
3. 14
4. C
5. D

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