PRINCE EDWARD ISLAND BIOLOGY 12 · UNIT B

Reproduction and Development — Practice Test

Prince Edward Island Biology 12 • 25 questions

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 **Human gestation lasts about 40 weeks. In days, using 7 days per week, that is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A menstrual cycle averages 28 days. The number of cycles in 140 days is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A litter has 8 offspring and 3 are male. The number that are female is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Fertilization is the fusion of**

A a sperm and an egg

B two eggs

C two sperm

D an embryo and a placenta

Understand It with Pulse | Flag a mistake

5 **The placenta allows exchange between mother and fetus while keeping their**

A blood supplies mixed

B cells identical

C hormones absent

D blood supplies separate

Understand It with Pulse | Flag a mistake

6 **Ovulation is the release of**

A an embryo from the uterus

B a hormone from the pituitary

C an egg from an ovary

D a sperm from a testis

Understand It with Pulse | Flag a mistake

7 **Testosterone is produced mainly in the**

A pituitary gland

B testes

C ovaries

D uterus

Understand It with Pulse | Flag a mistake

8 **Estrogen and progesterone are produced mainly in the**

A ovaries

B testes

C thyroid

D adrenal glands

Understand It with Pulse | Flag a mistake

9 **The first trimester of human development is mainly a period of**

A rapid weight gain only

B birth preparation only

C placenta loss

D organ formation

Understand It with Pulse | Flag a mistake

10 **Asexual reproduction produces offspring that are genetically**

- A haploid always
- B formed by fertilization
- C identical to the parent, barring mutation
- D always different from the parent

Understand It with Pulse | Flag a mistake

11 **Sexual reproduction increases variation through**

- A cloning only
- B fertilization and meiosis
- C mitosis only
- D budding only

Understand It with Pulse | Flag a mistake

12 **In humans, sex is determined by**

A the sperm chromosome contributed

B the egg chromosome only

C the placenta

D temperature at birth

Understand It with Pulse | Flag a mistake

13 **The uterus is the organ where**

A eggs are produced

B sperm are produced

C fertilization always occurs

D the embryo implants and develops

Understand It with Pulse | Flag a mistake

14 **A pregnancy of 9 months, at 4 weeks per month for this estimate, lasts this many weeks**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **If ovulation occurs on day 14 of a 28 day cycle, the days remaining in the cycle are**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **A couple has 4 children. If 1 is a boy, the number of girls is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **A frog lays 200 eggs and 50 percent survive to tadpoles. The tadpole count is**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **A plant produces 60 seeds and 20 percent germinate. The seedling count is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **A litter of 10 puppies has 6 females. The percent female is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **Human development from fertilization to birth is about 9 months. In weeks at 4 weeks per month, that is about**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **A species produces 4 eggs per clutch and has 5 clutches. The total egg count is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **A litter of 14 animals has 9 females. The number of males is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **A plant produces 90 seeds and 30 percent germinate. The seedling count is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **A frog lays 500 eggs and 20 percent survive to tadpoles. The tadpole count is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **A species produces 3 eggs per clutch and has 7 clutches. The total egg count is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 280
2. 5
3. 5
4. A
5. D
6. C
7. B
8. A
9. D
10. C
11. B
12. A
13. D
14. 36
15. 14
16. 3
17. 100
18. 12
19. 60
20. 36
21. 20
22. 5
23. 27
24. 100
25. 21

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