

1.1.7 Which ONE of the following is an advantage of the testes being held in the scrotum, outside the body cavity?

- A More sperm can be stored in the scrotum.
- B Sperm formation is more efficient at temperatures below the normal body temperature.
- C The testes are better protected in the scrotum than in the body cavity.
- D There is more time for prostate secretions to be added to the sperm.

1.1.8 Meiosis in a diploid cell results in ...

- A four identical gametes.
- B four haploid gametes.
- C two different diploid gametes.
- D four gametes having the same chromosome number as the parent cell.

1.1.9 The list below gives some of the stages involved in gamete and zygote formation.

- 1. Prophase I
- 2. Prophase II
- 3. Metaphase I
- 4. Fertilisation

Which ONE of the following combinations of the above stages contributes to genetic variation?

- A 1, 2 and 3
- B 1, 3 and 4
- C 2 and 3
- D 3 and 4

(9 x 2) (18)

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**Wenbin Ji**

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