1. Quantitative traits:

A) have alternate variability
B) are monogene inherited
C) have polygenic inheritance

2. How do we express the inheritance of quantitative traits?

A) by the coefficient of heritability
B) by the gene linkage
C) by the number of genes that determine the trait

3. Choose the correct statement:

A) Heritability represents the share of the genotype on the phenotypic realization of the trait.
B) Heritability and heredity have the same meaning
C) The heritability coefficient reaches values from -1 to +1

4. Primary genetic parameters include:

A) Heritability
B) Variance
C) Repeatability

5. Male reproductive characteristics are:

A) traits of low heritability
B) traits of moderately heritability
C) traits of high heritability

6. Female reproductive characteristics are:

A) traits of low heritability
B) traits of moderately heritability
C) traits of high heritability

7. Reproductive traits include:

A) an average daily gain
B) polledness
C) calving difficulty

8. Select the true statement for repeatability:

A) Repeatibility expresses the degree of similarity of the values of several repeating features or properties in a given population.
B) It indicates similarity between parents and their offspring.
C) It is one of the primary genetic parameters.

9. For low-heritability traits, the following is true:

A) Is is not genetically determined.
B) Phenotypic variability is mainly determined by environmental variability.
C) Genotypic variability is mainly involved in the phenotypic realization of the trait.

10. The interaction between genotype and phenotype is expressed by the following relationship:

A) P = G + E
B) P = G : E
C) P = G x E