

CHAPTER 9: The Substructure of Populations: Behavioral Genetics and Evolutionary Theory

MULTIPLE-CHOICE

- The approach that attempts to explain how individual differences in behavior (or personality) could be based on biological variation is called _____.
- evolutionary psychology
 - behavioral genetics
 - biological research
 - behavioral neuroscience
- ANS: B PTS: 1 OBJ: Page 366
- The approach that attempts to explain how patterns of behavior characteristics of the same human genetic subgroup (or racial or ethnic subgroups) had their roots primarily in _____.
- evolutionary psychology
 - behavioral genetics
 - biological research
 - behavioral neuroscience
- ANS: A PTS: 1 OBJ: Pages 366-367 908: The Substructure of Personality
- The entire set of factors that can be inherited through parental heredity is called _____.
- genotype
 - phenotype
 - behavioral neuroscience
 - heredity
- ANS: A PTS: 1 OBJ: Page 366 909: The Substructure of Personality
- The _____ refers to the underlying genetic structure that leads to the observable _____.
- phenotypic genotype
 - genotypic phenotype
 - phenotypic phenotype
 - genetic and genetic contribution
- ANS: B PTS: 1 OBJ: Page 366 909: Calculating/Resolutions
- Heritability refers to the _____ percent of the genetic variation across individuals and groups that can be attributed to average _____ percent of the genes that vary across individuals.
- 100, 100
 - 100, 50
 - 100, 100
 - 100, 50
- ANS: C PTS: 1 OBJ: Page 366 909: Calculating/Resolutions
- If a trait is influenced by genes, then it ought to become highly correlated across pairs of _____ that grow apart in _____.
- genetic siblings, adoptive twins
 - genetic twins, adoptive twins
 - adoptive twins, identical twins
 - adoptive siblings, genetic siblings
- ANS: D PTS: 1 OBJ: Page 370 909: Calculating/Resolutions
- If the correlation between the adoption of a sample of adoptive twin pairs is .25 and the correlation between the adoption of a sample of nonadopted twin pairs is .30, then the heritability coefficient for the trait is _____.
- .25
 - .30
 - .10
 - .15
- ANS: D PTS: 1 OBJ: Page 370 909: Calculating/Resolutions