

Chapter 2 - Deep Roots 2.1 According to the article **Deep**

Roots about fetal precursors of temperament, in correlational research, the variables are: (a) independent (b) preexisting (c) dependent (d) all of the above [a, b, and c] are all descriptions of variables in correlational studies

ANSWER: B 2.2 According to the article **Deep Roots** about

fetal precursors of temperament, correlations range on a scale from: (a) zero to ten (b) one to one hundred (c) one to twenty (d) minus one to plus one

ANSWER: D

2.3 According to the article **Deep Roots** about fetal precursors of temperament, the absolute number which ignores the sign in a correlation coefficient indicates the: (a) direction of the relationship (b) statistical significance of the relationship (c) strength of the relationship (d) amount of cause indicated by the relationship

ANSWER: C 2.4

According to the article **Deep Roots** about fetal precursors of temperament, the plus or minus sign which accompanies a correlation coefficient indicates the: (a) direction of the relationship (b) statistical significance of the relationship

(c) strength of the relationship (d) amount of cause indicated by the relationship

ANSWER: A

2.5 According to the article **Deep Roots** about fetal precursors of temperament, which of the following correlation coefficients permits you to make the strongest prediction? (a) -.72 (b) -.23 (c) +.17 (d) +.61

ANSWER: A

2.6 According to our discussion of the article **Deep Roots** about fetal precursors of temperament, which of the following would be most likely to represent the correlation between the amount of alcohol consumed and reaction time: (a) -.72 (b) -.23 (c) +.17 (d) +.61

ANSWER: D

2.7 According to the article **Deep Roots** about fetal precursors of temperament, the amount of variance in one variable which is accounted for by another variable can be calculated: (a) because it is the same as the correlation coefficient (b) by squaring the correlation coefficient (c) by subtracting the correlation coefficient from zero (d) by multiplying the correlation coefficient by 100

ANSWER: B

2.8 According to the article **Deep Roots** about fetal precursors of temperament, in a correlational study, causal conclusions: (a) can only be drawn if the correlation is very strong (b) can only be drawn if the correlation has a positive sign (c) can only be drawn if there is more than one correlation (d) can not be determined

ANSWER: D

2.9 According to the article **Deep Roots** about fetal precursors of temperament, strictly speaking, in a correlational study, one of the variables will be called: (a) an independent variable (b) a dependent variable (c) a subject variable (d) a causal variable

ANSWER: C

2.10 According to the article **Deep Roots** about fetal precursors of temperament, temperament itself has been shown to have _____ as

106 Test Bank - *RESEARCH STORIES FOR LIFE SPAN DEVELOPMENT*

major and important components: (a) learning and experience (b) biological factors (c) reinforcement schedules (d) imitation and social learning

ANSWER: B

- 2.11 According to the article **Deep Roots** about fetal precursors of temperament, DiPietro et al. operationally defined fetal movement as: (a) questionnaire responses from the mothers (b) actocardiograph readings (c) the number of times the fetus woke the mother at night (d) the strength of the fetal muscle contractions

ANSWER: B

- 2.12 According to the article **Deep Roots** about fetal precursors of temperament, DiPietro et al. operationally defined temperament as: (a) questionnaire responses from the mothers (b) actocardiograph readings (c) the number of times the infant turned toward its mother (d) the strength of the infant's social relationships

ANSWER: A

- 2.13 According to the article **Deep Roots** about fetal precursors of temperament, about what magnitude was the highest correlation found between the measure of fetal heart rate taken at different times during pregnancy? (a) -.34 (b) +.12 (c) +.30 (d) +.60

ANSWER: D

- 2.14 According to the article **Deep Roots** about fetal precursors of temperament, about what magnitude was the highest correlation found between the level of activity in fetal movement and infant temperament? (a) -.34 (b) +.12 (c) +.30 (d) +.60

ANSWER: D

- 2.15 According to the article **Deep Roots** about fetal precursors of temperament, a conclusion which can be drawn from the work of DiPietro et al. was that: (a) humans are a *tabula rasa* at birth (b) measures of movement show no stability across the fetal period (c) temperament and personality are the same thing

(d) analysis of fetal movement permits some predictions to be made about subsequent temperament

ANSWER: D

- 3.5 According to the article **Drinking Without Thinking** about the outcomes of prenatal alcohol use, which of the following substances is NOT known to be a teratogen at this time? (a) sugar (b) rubella (c) dioxin (d) lead

ANSWER: A