**Application Practice – History, Approaches & Research Methods**

1. Consciousness is fluid – therefore, there is no one single “consciousness” – different types of consciousness have different adaptive purposes. This statement would be most consistent with the beliefs of which early psychologist?

2. In explaining human behavior, psychoanalysts are likely to focus on \_\_\_\_\_\_\_\_\_\_\_\_\_, whereas humanistic psychologists concentrate on \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

 a. evolved functions of our thoughts and feelings; self-reports

 b. observable behavior; the way we perceive, process, and remember information

 c. childhood experiences and unconscious thought processes; current environmental

 influences on potential

 d. introspective reports of immediate sensation; empirical research relying on

 observation and experimentation

 e. the study of brain activity linking with mental activity; the examination of stream

 of consciousness and emotion

3. Depression is an illness that may be related to chemical imbalances in the brain, illogical thinking, and impaired social skills. Such an integrated explanation best illustrates the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

4. Professor Crisman believes that most women prefer tall and physically strong partners because this preference enhanced the survival of our ancestors’ genes. This viewpoint best illustrates the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ perspective.

5. Mrs. Thompson believes that her son has become an excellent student because she consistently uses praise and affection to stimulate his learning efforts. Her belief best illustrates a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ perspective.

6. Dr. MacPherson believes that the way students organize and think about the information in their textbooks will strongly influence their ability to later remember and use what they have studied. Mr. MacPherson’s ideas most directly exemplify the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ perspective.

7. Dr. Kozak has concluded that unusually low incidence of alcohol dependence among citizens of a small African country can be attributed to strong fundamentalist religious influences in that region. This belief best illustrates a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ perspective.

8. In a class lecture, Professor Hampton emphasized the extent to which abnormal blood chemistry can contribute to psychological disorders. The professor’s lecture highlighted a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ perspective on psychological disorders.

9. Dr. Winkle conducts basic research on the systematic changes in intelligence associated with aging. It is most likely that Dr. Winkle is a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_ psychologist. (subfield)

10. Dr. Robinson conducts basic research on the relationship between brain chemistry and intellectual functioning. Which psychological specialty does Dr. Robinson’s research best represent?

11. Dr. Caleigh conducts basic research on the relationship between adults’ language skills and their capacity to solve mathematical problems. Dr. Caleigh is most likely a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ psychologist.

12. For no apparent reason, Adam has recently begun to feel so tense and anxious that he frequently stays home from work. It would be most beneficial for Adam to contact a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ psychologist.

 a. industrial-organizational

 b. clinical

 c. personality

 d. biological

 e. social

13. Mr. Brown uses his knowledge of a person’s cognitive processes to design computer programs that are easier to use. Mr. Brown is most likely a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ psychologist.

14. Jack is a second grade student. He seems to have no interest in learning, often daydreaming in class and frequently disrupting the class by throwing objects at other students. Describe how a biopsychosocial approach might provide both an integrated explanation of Jack’s classroom behavior and practical suggestions for helping Jack to cope more effectively with the challenges he faces.

15. Professor Smith told one class that alcohol consumption has been found to increase sexual desire. He informed another class that alcohol consumption has been found to reduce sexual appetite. The fact that neither class was surprised by the information they received best illustrates the power of

 a. overconfidence

 b. hindsight bias

 c. illusory correlation

 d. random sampling

 e. the placebo effect

16. Thinking that she had outperformed most of her classmates, Glenda was surprised to receive just an average grade on her psychology test. Glenda’s experience best illustrates \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

17. According to Professor Fayad, we like people who like us because their affection for us boosts our own self-esteem. His idea is an example of \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

18. Professor Ambra was skeptical about the accuracy of recently reported research on drinking alcohol. Which scientific process would best enable her to assess the reliability of these findings?

 a. naturalistic observation

 b. random sampling

 c. the case study

 d. replication

 e. standard deviation

19. Dr. Roberts hypothesized that students in a classroom seating 30 would get higher course grades than students seated in an auditorium seating 300. In this example 30 seats versus 300 seats would be the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

20. In 1848, Phineas Gage, a railroad construction foreman, survived when an explosion drove an iron rod through his head damaging the functioning of the frontal lobes. This instance provided evidence that the frontal lobe plays a role in personality and behavior. Researchers have continued to study Gage’s brain to better understand this link. Which research method is being used?

21. Surveys indicate that people are much less likely to support “welfare” than “aid to the needy.” These somewhat paradoxical survey results best illustrate the importance of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

22. To learn about the reading habits of all the children attending Ardrey Kell, Mr. French selected and interviewed 100 of the school’s students. In this instance, all the children attending the school are considered to be a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. The students selected are the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. For his findings to be reliable, what must Mr. French have done when selecting those to be interviewed?

23. After noting that a majority of professional basketball players are African-American, Ervin concluded that African-Americans are better athletes than members of other racial groups. Ervin’s conclusion best illustrates the danger of

 a. replication

 b. hindsight bias

 c. the placebo effect

 d. generalizing from vivid cases

 e. randomly assigning variables

24. To study the development of relationships, Dr. Rajiv carefully observed and recorded patterns of verbal and nonverbal behavior among boys and girls in the school yard. Which research method did Dr. Rajiv employ?

25. An extensive survey revealed that children with relatively high self-esteem tend to picture God as kind and loving, whereas those with lower self-esteem tend to perceive God as angry. The researchers concluded that children’s self-esteem had apparently influenced their views of God. This conclusion best illustrates the danger of what?

26. Which of the following correlations between annual income and education level would **BEST ENABLE YOU TO PREDICT** income on the basis of level of education?

 a. +0.05

 b. -0.01

 c. +0.10

 d. +0.50

 e. -0.001

27. If psychologists discovered that more intelligent parents have smarter children than less intelligent parents, this would demonstrate that

 a. intelligence is inherited

 b. more intelligent parents provide their children with greater educational

 opportunities than do less intelligent parents

 c. the intelligence of parents in positively correlated

 d. experiments based on this relationship would indicate causation

 e. intelligence of children and parents are negatively correlated

28. The King James Version of the Bible was completed when William Shakespeare was 46 years old. In Psalm 46 of this translation, the forty-sixth word is “shake,” and the forty-sixth word from the end is “spear.” Before concluding that biblical translators were trying to be humorous with these specific word placements, you would best be advised to recognize the danger of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

29. A researcher interested in proving a causal relationship between two variables should choose with research method?

30. To study the effects of noise on worker productivity, researchers have one group of subjects work in a noisy room and a second group work in a quiet room. To ensure that any differences in the productivity of the two groups actually result from the different noise levels to which groups are exposed, the researchers would use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

31. Abdul has volunteered to participate in an experiment evaluating the effectiveness of aspirin. Neither he nor the experimenters know whether the pills he takes the experiment contain aspirin or are merely placebos. The investigators are apparently making use of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

32. In the hypothesis “Students who study a list of terms in the morning, just after waking up, will recall more terms than students who study the list just before falling asleep,” what is the independent variable? The dependent variable?

33. When Mr. Adams calculated his student’s algebra test scores, he noticed that two students had extremely low scores. Which measure of central tendency is affected most by the scores of these two students?

34. Dr. DeVries is interested in measuring how practice in problem solving affects this ability. The population of interest is high school seniors, and the sample consists of students who attend an exclusive preparatory school. Half of the sample receives practice in solving particular types of problems, while the other half does not. Both groups take the same problem-solving test. What might explain why Dr. DeVries may not be able to generalize his findings?