

# Psychology Final Exam 2013

Opalinski

**Part 1 of this exam is a review of the material on psychology as a science, research methods, neuroscience, and psychological disorders. Choose the best possible answer. When answering short answer use complete sentences and please reread the question to insure you are answering it thoroughly and directly.**

**Part 2 of this exam contains open response questions related to video gaming, emotion, and consumer psychology. For full credit please answer the entire question, synthesize material from more than one source and use examples and supporting references to back up your response.**

1. Define psychology
  - a. the scientific study of human and animal behavior & mental processes
  - b. the study of human & animal behavior
  - c. scientific study of the mind, the brain and the mentally ill
  
2. The study of psychology allows us to:
  - a. gain insight into human and animal behavior
  - b. gather practical information in a systematic way
  - c. understand the connection between the body & mind
  - d. understand ourselves and others
  - e. all of the above
  
3. The story of the blind man and the elephant demonstrated:
  - a. that a variety of approaches to psychology help us understand the complexity of human behavior.
  - b. A systematic approach to psychological study allows us to get an accurate portrayal of the situation
  - c. People who are blind, and work with animals are much more perceptive of their needs than sighted people.
  - d. A and b
  
4. Discovering ways to use scientific findings to accomplish practical, real life, goals.
  - a. basic science
  - b. applied science
  
5. In 1879, who set up the first psychology laboratory in Leipzig, Germany.
  - a. Sigmund Freud
  - b. William James
  - c. Wilhelm Wundt
  - d. Alfred Kinsey

6. The American, at Harvard University in 1875 \_\_\_\_\_ taught the first class in psychology and was deemed the father of American Psychology.
- William James
  - Wilhelm Wundt
  - Alfred Kinsey
  - Sigmund Freud

7. Matching: please write in the letter from the left as it corresponds to a description in #'s 11 -21. Divisions of psychology (in the list below) may be used more than once or not at all. Please choose the best answer.

- A – Psychoanalytic Psychology  
B – Behavioral Psychology  
C – Humanistic Psychology  
D – Biological Psychology  
F – Cognitive Psychology  
G – Sociocultural Psychology

- Unconscious motivation influences our behavior.
- Why do girls and boys behave differently?
- Individual or self-directed choices. Reaching your greatest potential.
- Events in the environment influence our behavior.
- Thinking, understanding, perception and memory influence behavior
- Founded by Sigmund Freud
- Jean Piaget discovered that children's thinking differs from adults.

**Use the word bank to fill in the answers to the following questions 17-24.**

Cross sectional study  
Longitudinal study  
Experiment  
Positive Correlation  
No Correlation  
Negative Correlation  
Replicated  
Stratified Sample

Self Fulfilling Prophecy  
Ethics  
Case Study  
Validated  
Random Sample

15. A \_\_\_\_\_ study over the past 10 years discovered that children who watched over 1 hour of TV every day, gained a pound a year.
16. Group A was required to study for the test in 30 minute intervals, Group B was not allowed to study, in this \_\_\_\_\_; time was considered the independent variable.
17. Piaget's theories were based on close examination of his own children. This is an example of a \_\_\_\_\_.
18. \_\_\_\_\_ are standards for proper, responsible behavior.
19. Theories are developed from numerous studies that have been \_\_\_\_\_
20. When children floss their teeth more often, gum disease decreases. This is an example of a \_\_\_\_\_.
21. One way to generate a \_\_\_\_\_ is to choose every 25<sup>th</sup> name in the phone book.
22. Instead of following 100 smokers from the age of 20 until they were 70, researchers decided to use a more efficient research method. They used a \_\_\_\_\_ to see how smoking influenced quality of life.
23. The Hawthorne Study demonstrated:
- special attention improves productivity
  - the self fulfilling prophecy
  - a double blind experiment
  - the placebo effect
24. Dr. Mullen organizes an experiment to determine if violent video game play decreases sensitivity to violent behavior in real life. Psychology students ran the experiment for Dr. Mullen but they were not told the purpose of the experiment. This is an example of:
- the placebo effect

- b. double blind experiment
  - c. self-fulfilling prophecy
  - d. the Hawthorne effect
25. What was the premise of the Milgram experiment?
- a.) How much shock will participants administer to a victim when encouraged by an authority figure?
  - b.) Military commanders demonstrated their power over young, easy to influence rookies. How much can the rookies take?
  - c.) 50% of the group was assigned to be guards, the other 50% assigned to be prisoners; do people take their roles too seriously?
26. The experimental group was given a new multi-vitamin that is supposed to increase energy level. The control group was given a vitamin that was really filled with starch with no added nutrients. A short questionnaire was given at the end of the week asking participants how they felt as a result of the vitamin. Both groups reported an increase in energy.
- a. The results are due to the Hawthorn Effect
  - b. Placebo effect
  - c. Self-fulfilling prophecy
  - d. Could be a combination of b and c
27. A correlation is not necessarily a cause and effect relationship. Give an example that proves this point.
28. Nature vs. Nurture – Briefly explain how a young child who kills his parents with a gun could be influenced by both nature and nurture.
29. What did the case of Genie teach us about the window of opportunity for young children to learning language?
- a. Language can be learned at any age without limits
  - b. Exposure to language at an early age is critical to fully understanding language
  - c. Genie's abuse and neglect may have led to a learning disability.

30. What were scientists hoping to learn from Genie, beyond language acquisition?  
Please provide two responses.
31. What causes the feeling of the runners high? \_\_\_\_\_.
- endorphins
  - stress
  - serotonin
32. The central nervous system is made up of the:
- peripheral and central nervous system
  - brain and spinal cord
  - neurons, muscles, organs and circulatory system
33. The long, thin cells of nerve tissue along which messages travel two and from the brain.
- synapse
  - neurotransmitters
  - neurons
  - nerve cells
  - c & d are both right
34. What happened to Phineas Gage?
- He was frozen in a catatonic state after a motor cycle accident
  - A tamping iron went through his skull
  - He suffered from hysteria and was treated by Freud
35. What did researchers learn from Phineas Gage?
36. Where is Broca's area of the brain and what role does it serve?
37. True or False  
Understanding, seeing, hearing, balance and generating words are all processed in the frontal lobe.
38. Memories are processed, stored and retrieved in the same exact area of the

brain.

True or False

39. This bundle of fibers connects the left and right hemispheres of the brain.
- a. the parietal lobe
  - b. the corpus callosum
  - c. the mid brain
  - d. the forebrain

40. True or False Severing the left and right hemispheres has proven successful in helping patients who suffer from severe epileptic seizures.

41. Matching Lobes and Hemispheres of the brain to the following descriptors. You will not use all of the choices. Please make the best choice.

Frontal Lobe

Parietal Lobe

Temporal Lobe

Occipital Lobe

Left Hemisphere

Right Hemisphere

Mid brain

Hindbrain

Cerebral Cortex

42. The interior section of the brain that integrates sensory information and relays it to the rest of the brain. This section is also responsible for controlling sleep/wake cycles.

43. This section covers the brains central core and includes the cerebral cortex, the cerebrum and limbic system. Higher level thinking and most sensory information is processed here.

44. In the base of the brain we find the cerebellum, the medulla, the pons. Posture, balance and voluntary and involuntary movements are controlled here.

45. This half of the brain is more of the logical side and processes language, mathematical reasoning, analysis of parts of a whole, and is controlled by the right side of the body.

46. This lobe allows us to see \_\_\_\_\_

47. This lobe allows us to hear and process advanced visual information  
\_\_\_\_\_

48. This lobe, at the top of the brain processes motor skills/movement (motor cortex) and manages sensory information \_\_\_\_\_
49. True or False      The left and right hemispheres of the brain are independent of one another.
50. Psychological disorders are identified by all of the following factors except:
- deviation from socially acceptable behavior
  - difficulty adjusting to aspects of daily life (work, social, family, community etc.) over time.
  - by using the Diagnostic and Statistical Manual
  - short term changes in behavior
51. Psychologists rely on the DSM to help streamline and objectify the diagnostic process. Each Axis identifies a different dimension of a psychological problem. What does each Axis identify? Match column left with column right.

Axis I	Physical conditions and medical concerns
Axis II	Highest level of functioning in the past year
Axis III	Current stress level
Axis IV	Categorizing of symptoms into different disorders
Axis V	Developmental and Personality disorders

**Matching** – use the list below to match to sentences that follow. *You can use answers more than once or not at all. #58-67*

- A Dissociative Identity Disorder
- B Somatoform Disorder
- C Sleep Disorder
- D Anxiety Disorder
- E Mood Disorder
- F Schizophrenia
- G Personality Disorder
- H Drug Addiction

52. Post Traumatic Stress Disorder \_\_\_\_\_
53. Conversion Disorder \_\_\_\_\_

54. Catatonic Type \_\_\_\_\_
55. The need for caffeine and the onset of a headache without it. \_\_\_\_\_
56. Obsessive compulsive disorder \_\_\_\_\_
57. Bipolar Disorder \_\_\_\_\_
58. People typically suffer from hallucinations & delusions, word salad and some deterioration of movement. \_\_\_\_\_
59. Depression and sadness brought on by lack of light and possibly higher melatonin levels. \_\_\_\_\_
60. No guilt, no shame, no conscience and little feeling of remorse.  
\_\_\_\_\_
61. The case of Sybil \_\_\_\_\_
62. People with obsessive compulsive disorder may use rituals to:
- reduce anxiety
  - control others
  - manage pain
63. In the movie a Beautiful Mind, what does John Nash suffer from?
64. Psychological disorders come with a stigma in our society. Having taken this course and understanding a bit more about mental illness and health, how would you help alleviate the stigma that exists?
- 65.) What treatment options are available for people with a variety of mental illnesses? Provide a variety of options and mental health issues that could be helped by the options proposed. For example: depression: light therapy helps patients with depression by..... E tc. Include at least three mental health conditions and corresponding treatment options.



## Open Response Questions: Choose 1

VIOLENT VIDEO GAMES et. al.

The governor of New Hampshire speaks publically noting that there has been a rise in teen violence in New Hampshire. The governor attributes this rise to the exposure teens have to violence through the media, movies, video games and music. It is your job to seek the truth. Write a letter to the governor explaining your educated position on this topic, possible causes and possible solutions. Include the following concepts

Desensitization  
Social Learning Theory  
Personality Theory  
Biology  
Other: your choice

## CONSUMER PSYCHOLOGY

You are a consumer psychologist studying buying behaviors. Explain the factors that influence our buying decisions. Choose at least three influences to focus your writing around.

Perception  
Attitude  
Personality  
Social Influences  
Rational vs. Irrational decision making  
Brand loyalty  
Human needs : power, money, respect, etc.  
Evolutionary Perspective  
Choice  
Comparison

## EMOTIONS

How do emotions work? How do we feel something? What parts of our body/brain allow us to feel? Create a short but poignant essay about emotions. Incorporate information

from our class discussions, Ted Talk and readings with the integration of one additional online resource. Include the following concepts.

Limbic System

Memory

Mental Illness

Emotional Intelligence