

UNIVERSITY OF ESWATINI
FACULTY OF SOCIAL SCIENCES
DEPARTMENT OF SOCIOLOGY AND SOCIAL WORK

RE-SIT EXAMINATION JANUARY 2019

TITLE OF PAPER: INTRODUCTION TO PSYCHOLOGY

COURSE CODE: SWK115

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: QUESTION ONE (1) IS COMPULSORY
ANSWER ANY OTHER TWO (2) QUESTIONS

TOTAL MARKS: 100

QUESTION PAPER MUST NOT BE OPENED UNTIL PERMISSION HAS BEEN GRANTED BY
THE INVIGILATOR

QUESTION 1 (COMPULSORY)

- a. The general functions of the nervous system include which of the following?
I. integration II. motor output III. sensory input
- I only
 - II only
 - III only
 - I and II only
 - I, II, and III
- b. Cerebrospinal fluid can be described as all of the following except
- functioning in transport of nutrients and hormones through the brain.
 - a product of the filtration of blood by the brain.
 - formed from layers of connective tissue.
 - functioning to cushion the brain.
 - filling cavities in the brain called ventricles.
- c. What controls the heart rate?
- neocortex
 - medulla
 - thalamus
 - pituitary
 - cerebellum
- d. Which area of the brain is most intimately associated with the unconscious control of respiration and circulation?
- thalamus
 - cerebellum
 - medulla
 - corpus callosum
 - cerebrum
- e. Which selection is incorrectly paired?
- forebrain-diencephalon
 - forebrain-cerebrum
 - midbrain-brainstem
 - midbrain-cerebellum
 - brainstem-pons

- f. Which of the following produces hormones that are secreted by the pituitary gland?
- i. cerebrum
 - ii. cerebellum
 - iii. thalamus
 - iv. hypothalamus
 - v. medulla oblongata
- g. The establishment and expression of emotions involves the
- i. frontal lobes and limbic system.
 - ii. frontal lobes and parietal lobes.
 - iii. parietal lobes and limbic system.
 - iv. frontal and occipital lobes.
 - v. occipital lobes and limbic system.
- h. Which of the following describes the functional controls of Wernicke's area?
- i. It is active when speech is heard and comprehended.
 - ii. It is active during the generation of speech.
 - iii. It coordinates the response to olfactory sensation.
 - iv. It is active when you are reading silently.
 - v. It is found on the left side of the brain.
- i. When Phineas Gage had a metal rod driven into his frontal lobe or when someone had a frontal lobotomy, which of the following occurred?
- i. They could no longer reason.
 - ii. They lost short-term memory.
 - iii. They had different emotional responses.
 - iv. They lost long-term memory.
 - v. They lost their sense of balance
- j. Wakefulness is regulated by the reticular formation, which is present in the
- i. basal nuclei.
 - ii. cerebral cortex.
 - iii. brainstem.
 - iv. limbic system.
 - v. spinal cord

- k. Which of the following structures or regions is incorrectly paired with its function?
- i. limbic system-motor control of speech
 - ii. medulla oblongata-homeostatic control
 - iii. cerebellum-coordination of movement and balance
 - iv. corpus callosum-communication between the left and right cerebral cortices
 - v. hypothalamus-regulation of temperature, hunger, and thirst
- l. Patients with damage to Wernicke's area have difficulty
- i. coordinating limb movement.
 - ii. generating speech.
 - iii. recognizing faces.
 - iv. understanding language.
 - v. experiencing emotion
- m. Jackie has a friend who was hit at the back of the head and is now in a coma. The area of the brain that is likely to have been damaged is the:
- i. forebrain
 - ii. limbic system
 - iii. olfactory bulb
 - iv. pons
 - v. the hippocampus
- n. Thandi was in an accident, during which a pipe entered her brain. Doctors find that some of her subcortical structures were damaged. When she wakes up, she has no fear of any danger and does not recognize fear in other people's faces. What area of the brain is likely to have been damaged?
- i. the amygdala
 - ii. the thalamus
 - iii. the hippocampus
 - iv. the hypothalamus
 - v. the limbic system
- o. Which of the following regulates body temperature?
- i. cerebrum
 - ii. cerebellum
 - iii. thalamus
 - iv. hypothalamus
 - v. medulla oblongata

Total: 30

CHOOSE ANY TWO (2) QUESTIONS.

QUESTION 2

Discuss operant conditioning as described by B.F. Skinner (1948).

Total: 35

QUESTION 3

Outline the biological and environmental determinants of intelligence.

Total: 35

QUESTION 4

Using examples, discuss the components of language.

Total: 35

QUESTION 5

Critically evaluate the relevance of psychology in the Eswatini culture.

Total: 35

QUESTION 6

Describe the factors that influence an individual's personality.

Total: 35