

- 1) Where would you find receptors for the kinesthetic sense?
 - A. cochlea
 - B. semicircular canals
 - C. basilar membrane
 - D. joints and muscles
- 2) Michael is having problems relating to other people because he is very paranoid and experiences hallucinations. Which type of psychologist should Michael contact for help?
 - A. clinical
 - B. developmental
 - C. experimental
 - D. physiological
- 3) Janet trained her dog to sit on command by following the behaviour of sitting with a reward of a dog biscuit and praise. Janet used the principles of which psychological perspective?
 - A. behaviourism
 - B. humanism
 - C. psychoanalysis
 - D. functionalism
- 4) Which school of psychology was most responsible for the rise of animal research in psychology?
 - A. behaviourism
 - B. structuralism
 - C. psychoanalysis
 - D. Gestalt psychology
- 5) Which of the following procedures is done in order to study the functional specialization of the two sides of the brain?
 - A. The right hemisphere is temporarily paralyzed.
 - B. The two sides are surgically disconnected.
 - C. The subject has the dominant hand restrained.
 - D. Information is sent to only one eye and one ear, both on the same side of the body.
- 6) What does *PsycINFO* contain?
 - A. alphabetical listing of the titles of all the psychological research studies published in a year
 - B. full text of articles published in 100 major psychological journals
 - C. descriptive listing of all the current web resources related to the field of psychology
 - D. brief abstracts of psychological research published in journal articles, books, and chapters in edited books
- 7) What is perceptual constancy?
 - A. It is the same thing as functional fixedness.
 - B. Perception of objects remains stable despite the fact that sensory information changes.
 - C. We have a tendency for schemas to guide our perceptions.
 - D. Overlapping visual fields in the retina allow our perception of the world to remain stable.
- 8) As far as we know, which humans have the same genotype?
 - A. only fraternal twins
 - B. only monozygotic twins
 - C. only dizygotic twins
 - D. none (even identical twins have some differences)
- 9) What are two of the data collection techniques that are MOST likely to involve direct contact between the researcher and the research participant?
 - A. direct observation and interviews
 - B. archival research and psychological testing
 - C. questionnaires and interviews
 - D. archival research and questionnaires

- _____ 10) Which of the following would be a poor studying strategy?
- A. Set up a schedule for studying.
 - B. Study in a place where distractions are minimal.
 - C. Concentrate your study time immediately before an exam.
 - D. Break major assignments down into smaller component tasks.
- _____ 11) In order to create the illusion of three-dimensional reality, what depth cues must a painter employ?
- A. bivariate
 - B. binocular
 - C. myopic
 - D. pictorial
- _____ 12) Which of the following was an early approach in psychology that fostered the development of modern-day applied psychology?
- A. structuralism
 - B. behaviourism
 - C. functionalism
 - D. pragmatism
- _____ 13) When Celeste was playing her stereo at 40 decibels and she turned it up to 44 decibels, she could notice that it was louder. If Celeste's stereo were playing at 80 decibels, what should her just noticeable difference be?
- A. 2 decibels, half as much as it was at 40 decibels
 - B. 4 decibels, the same as it was at 40 decibels
 - C. 6 decibels, 50% more than it was at 40 decibels
 - D. 8 decibels, twice as much as it was at 40 decibels
- _____ 14) Which of the following is best described as an "error" in DNA replication?
- A. gene flow
 - B. mutation
 - C. genetic drift
 - D. natural selection
- _____ 15) What is the range of human hearing?
- A. 5 to 50 Hz
 - B. 10 to 100 Hz
 - C. 20 to 20,000 Hz
 - D. 10,000 to 100,000 Hz
- _____ 16) Nula is conducting a study in which one group is exposed to loud music while completing a writing assignment and the other group has quiet conditions. Further, Nula examines the effect of gender within these groups. Therefore, she is examining the effects of both noise and gender on participants' performance on a writing task. What is the proportion of variables in this study?
- A. one independent variable and two dependent variables
 - B. two independent variables and one dependent variable
 - C. one control variable and two independent variables
 - D. one independent variable, one control variable, and one dependent variable
- _____ 17) Visual fields have a centre-surround arrangement. What does this allow the eye to be?
- A. an absolute-intensity detector
 - B. insensitive at low illumination
 - C. a contrast detector
 - D. insensitive to low amplitude light waves
- _____ 18) Dr. Vishnu has found that students who score higher than 85% on the first midterm tend to earn scores of 75% or better on the final exam, while students who score less than 60% on the first midterm often end up with a failing grade on the final exam. What can we say about the relationship between scores?
- A. Scores on the first midterm and the final exam are positively correlated.
 - B. Dr. Vishnu is biased against students who do poorly on the first midterm.

- C. Students who do poorly on the first midterm give up and study less for the final.
D. Dr. Vishnu should change the final so it is more fair to students who are not doing well in the course.
- ___ 19) The use of a drug that functions as a dopamine agonist would probably lead to which of the following?
A. chronic insomnia
B. excessive anxiety
C. schizophrenic-like symptoms
D. Parkinson-like symptoms
- ___ 20) Which of the following statements is LEAST likely to be made by a humanist?
A. Humans are unique.
B. The behaviour of humans tends to be dictated by environmental circumstances.
C. Humans have a basic need to fulfill their potential.
D. Research on animals has little relevance to understanding human behaviour.
- ___ 21) Which of the following is strongly correlated with the amount of motor cortex devoted to each body area?
A. size of the body area
B. location of the body area
C. diversity of movements of the body area
D. size of the muscles in the body area
- ___ 22) Rather than provide details about the party she just attended, Patrice tried to give her overall impression, operating on the assumption that the whole may be greater than the mere sum of its parts. Which field of psychology is based on this assumption?
A. psychophysics
B. holistic psychology
C. Gestalt psychology
D. psychodynamics
- ___ 23) Which of the following is a criticism of the recent positive psychology approach?
A. Although it claims to be positive, it is actually focused on very damaging aspects of human behaviour.
B. Dividing human experience into “positive” and “negative” is oversimplified.
C. The approach is just a restatement of behaviourist principles from decades ago.
D. Positive psychologists refuse to acknowledge that negative traits exist, and this is counterproductive to progress.
- ___ 24) Which of the following is true about action potentials?
A. They are stronger when the incoming stimulation is more intense.
B. They are seldom strong enough to reach the terminal buttons.
C. They travel more slowly if the incoming stimulation is less intense.
D. They are generated in an all-or-none fashion.
- ___ 25) Dr. Marqueta believes that “misery loves company.” Based on this belief, Dr. Marqueta predicts that people who have received bad news will seek out other people. Which of the following terms characterizes Dr. Marqueta’s prediction?
A. theory
B. hypothesis
C. application
D. variable
- ___ 26) Which psychology approach examines behavioural processes in terms of their adaptive value for a species over the course of many generations?
A. clinical
B. cognitive
C. evolutionary
D. physiological
- ___ 27) Tian tells you that 17 out of the 30 students enrolled in his English class scored exactly 62 points on the last exam. Which of the following states the same concept?
A. The mean for that exam was 62 points.
B. The median for that exam was 62 points.

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- C. The standard deviation for that exam was 62 points.
D. The mode for that exam was 62 points.
- ___ 28) Eli has been wearing green welding goggles for the past 30 minutes. Based on the opponent-process theory of colour vision, for a brief time after Eli takes off the green goggles what colour will objects appear to be?
A. blue
B. yellow
C. orange
D. red
- ___ 29) What is sensory adaptation?
A. weakening of a neurotransmitter substance
B. perceptual inversion principle
C. decline in sensitivity after prolonged stimulation
D. increase in sensitivity after prolonged stimulation
- ___ 30) Uma just caught sight of a red hummingbird. The neural impulses from her eye will eventually travel to her occipital lobe, but first they must pass through which brain area?
A. hypothalamus
B. thalamus
C. reticular formation
D. amygdala
- ___ 31) Emma has multiple sclerosis. What would you be likely to find if you could view her nervous system?
A. a lack of neurotransmitters in some neurons
B. areas where the myelin sheath has degenerated
C. areas where the dendrites are severely damaged
D. a reduction in the number of chloride ions in her peripheral nervous system
- ___ 32) Which of the following BEST describes what a theory is?
A. explanation of unobservable phenomena
B. system of interrelated ideas used to explain some observation
C. string of unrelated observations
D. related speculations that are based on common sense
- ___ 33) In order to generate results that are generalizable, how should a researcher select subjects for a study?
A. Subjects should all be chosen from the same geographical area and socioeconomic class.
B. Subjects should be allowed to choose which group they would like to be in.
C. Subjects should come from a wide range of different age groups.
D. Subjects should be carefully chosen so they are a representative sample of the population.
- ___ 34) Estavan received a questionnaire in the mail asking about his general buying habits. He was asked to identify the specific products that he typically buys, and the amount of each product that he typically uses. If Estavan completes the questionnaire and returns it, he will have taken part in which type of research?
A. survey method
B. naturalistic observation
C. case study approach
D. archival research
- ___ 35) Diaz conducts a decision-making experiment to determine if people reason more logically when they have more time to decide. All the participants who are under 40 are allowed 15 minutes to reach a decision about a problem; all the participants who are over 40 are allowed 20 minutes to reach a decision about the same problem. What is the problem with this experimental design?
A. There are two control groups and no experimental group.
B. The time allowed for the decision is confounded with the independent variable.
C. There is no dependent variable in the experiment.
D. The age of the participants is confounded with the independent variable.

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- _____ 36) Konrad dislikes completing questionnaires, so each time he fills one out he always circles the same answer, such as “strongly agree” or “strongly disagree.” What tendency does Konrad’s behaviour reflect?
- A. placebo effect
 - B. sampling bias
 - C. social desirability
 - D. response set
- _____ 37) What structure in the gustatory system operates in a similar fashion to rods and cones in the visual system?
- A. the tongue
 - B. a hair cell
 - C. a taste bud
 - D. the salivary gland
- _____ 38) Which of the following would be expected of a clinical psychologist?
- A. study the effects of reward on learning
 - B. examine the relationship between sleep deprivation and task performance
 - C. conduct psychotherapy
 - D. study the factors that motivate behaviour
- _____ 39) To confirm a diagnosis of epilepsy, a neurologist needs to record the overall electrical activity in Hillary’s brain. What would be the best way for the neurologist to obtain this information?
- A. transcranial magnetic stimulation (TMS)
 - B. magnetic resonance imaging (MRI)
 - C. an electroencephalograph (EEG)
 - D. a computerized tomography (CT) scan
- _____ 40) What does the endocrine system do?
- A. It connects the two cerebral hemispheres of the brain.
 - B. It secretes hormones.
 - C. It manufactures myelin.
 - D. It forms the basis of reflexive behaviours.

PSY100H5ch1to4
Answer Section

MULTIPLE CHOICE

- | | | |
|------------|--------|--------------|
| 1) ANS: D | PTS: 1 | REF: 175 |
| 2) ANS: A | PTS: 1 | REF: 15 |
| 3) ANS: A | PTS: 1 | REF: 11 |
| 4) ANS: A | PTS: 1 | REF: 9 |
| 5) ANS: B | PTS: 1 | REF: 107 |
| 6) ANS: D | PTS: 1 | REF: 73-74 |
| 7) ANS: B | PTS: 1 | REF: 157 |
| 8) ANS: B | PTS: 1 | REF: 114 |
| 9) ANS: A | PTS: 1 | REF: 49 |
| 10) ANS: C | PTS: 1 | REF: 34-38 |
| 11) ANS: D | PTS: 1 | REF: 179 |
| 12) ANS: C | PTS: 1 | REF: 7 |
| 13) ANS: D | PTS: 1 | REF: 133-134 |
| 14) ANS: B | PTS: 1 | REF: 118 |
| 15) ANS: C | PTS: 1 | REF: 163 |
| 16) ANS: B | PTS: 1 | REF: 51 |
| 17) ANS: C | PTS: 1 | REF: 141 |
| 18) ANS: A | PTS: 1 | REF: 61 |
| 19) ANS: C | PTS: 1 | REF: 89 |
| 20) ANS: B | PTS: 1 | REF: 13 |
| 21) ANS: C | PTS: 1 | REF: 104 |
| 22) ANS: C | PTS: 1 | REF: 152 |
| 23) ANS: B | PTS: 1 | REF: 23 |
| 24) ANS: D | PTS: 1 | REF: 84-85 |
| 25) ANS: B | PTS: 1 | REF: 48 |
| 26) ANS: C | PTS: 1 | REF: 21 |
| 27) ANS: D | PTS: 1 | REF: 61 |
| 28) ANS: D | PTS: 1 | REF: 148 |
| 29) ANS: C | PTS: 1 | REF: 136 |
| 30) ANS: B | PTS: 1 | REF: 101 |
| 31) ANS: B | PTS: 1 | REF: 83 |
| 32) ANS: B | PTS: 1 | REF: 29 |
| 33) ANS: D | PTS: 1 | REF: 65 |
| 34) ANS: A | PTS: 1 | REF: 57-58 |
| 35) ANS: D | PTS: 1 | REF: 53 |
| 36) ANS: D | PTS: 1 | REF: 67 |
| 37) ANS: C | PTS: 1 | REF: 169 |
| 38) ANS: C | PTS: 1 | REF: 28 |
| 39) ANS: C | PTS: 1 | REF: 94 |
| 40) ANS: B | PTS: 1 | REF: 110 |

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