

2017

AP[®]

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AP Psychology

Free-Response Questions

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2017 AP[®] PSYCHOLOGY FREE-RESPONSE QUESTIONS

PSYCHOLOGY

SECTION II

Time—50 minutes

Percent of total score— $33\frac{1}{3}$

Directions: You have 50 minutes to answer BOTH of the following questions. It is not enough to answer a question by merely listing facts. You should present a cogent argument based on your critical analysis of the questions posed, using appropriate psychological terminology.

1. Part A

Explain how each of the following plays a role in eating behavior.

- Drive-reduction theory
- External cues
- Dopamine and the reward center
- Observational learning

Part B

A study was conducted to investigate the role of framing on concern for healthy eating. Each participant ($N = 100$) was randomly assigned to one of two conditions. In the first condition, the participants read an article indicating that obesity is a disease. Participants in the second condition read an article indicating that obesity is the result of personal behaviors and decisions.

Participants were then asked to indicate how important it would be for them to eat a healthy diet. Scores ranged from 1 (not very important) to 9 (very important). The results are presented in the table below.

Group	Mean Score—Concern for Healthy Eating	Standard Deviation
Disease	3.4	1.4
Behavior	6.1	1.2

- Operationally define the dependent variable.
- What makes the study experimental rather than correlational?
- What is the most appropriate conclusion the researchers can draw about the relationship between the variables in the study?

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2. Sachio traveled to a prestigious college to audition for a music scholarship. After he arrived, he learned that his audition had been rescheduled for late in the day. Sachio was required to play several difficult pieces on his saxophone and interview with the judges. Just before leaving campus, he was offered a full scholarship to the college.

Explain how each of the following might have contributed to the success of Sachio's visit.

- Resistance phase of general adaptation syndrome
- Implicit memory
- Social facilitation
- Basilar membrane
- Somatosensory cortex
- Intrinsic motivation
- Big Five personality trait of extraversion

STOP

END OF EXAM