

Chapter 1. Discovering the World of Nursing Research

MULTIPLE CHOICE

1. Which best describes evidence-based-practice (EBP)?

- a. A combination of best research evidence, clinical expertise, and the needs and values of patients.
- b. A determination of the factors necessary to control patient responses to care.
- c. The development of population care guidelines applicable to all patients.
- d. The utilization of quantitative and qualitative studies to enhance patient outcomes.

ANS: A

Feedback

A Evidence-based practice evolves from the integration of the best research evidence with clinical expertise and patient needs and values.

B Studies that attempt to find determinants of patient outcomes are generally experimental or quasi-experimental. They may be used to guide EBP but do not completely define it.

C EBP is a combination of guidelines and specific patient needs and values.

D Quantitative and qualitative studies applied to the evaluation of patient outcomes are part of EBP but do not completely define EBP.

PTS: 1 DIF: Cognitive level: Remembering (Knowledge)

REF: MCS: 3

2. The nurse is collecting data about the sleep patterns of breastfed babies as part of a larger research study. Which research method will the nurse use when collecting data for this study?

- a. Control
- b. Description
- c. Explanation
- d. Prediction

ANS: B

Feedback

A Control can be described as the ability to write a prescription to produce the desired outcome.

- B** Description involves identifying and understanding the nature of nursing phenomena and the relationships among these phenomena.
- C** Explanation clarifies the relationships among phenomena and identifies why certain events occur.
- D** Through prediction, the probability of a specific outcome can be estimated in a given situation.

PTS: 1 DIF: Cognitive level: Understanding (Comprehension)

REF: MCS: 6

3. The nurse is participating in a study and is collecting data identifying the number of obese adults whose parents were also obese or overweight. Which research method is being used in this study?

- a. Control
- b. Description
- c. Explanation
- d. Prediction

ANS: D

Feedback

- A** Control indicates the ability to use a prescribed intervention to produce a desired outcome.
- B** Description involves identifying and understanding the nature of nursing phenomena and the relationships among these phenomena.
- C** Explanation clarifies the relationships among phenomena and identifies why certain events occur.
- D** Through prediction the probability of a specific outcome can be estimated in a given situation. By knowing the percentage of parents of obese adults who were obese, the probability of predicting this may be calculated.

PTS: 1 DIF: Cognitive level: Applying (Application)

REF: pp. 7-8

4. The nurse reviews a study in which adherence to an asthma action plan is compared among groups of adolescents who received different asthma education. Which research method does this represent?

- a. Control
- b. Description
- c. Explanation

d. Prediction

ANS: C

Feedback

A Control indicates the ability to use a prescribed intervention to produce a desired outcome.

B Description involves identifying and understanding the nature of nursing phenomena and the relationships among these phenomena.

C Explanation clarifies the relationships among phenomena and identifies why certain events occur.

D Through prediction, the probability of a specific outcome can be estimated in a given situation.

PTS:1DIF:Cognitive level: Applying (Application)

REF: MCS: 7

5. A nurse manager is interested in learning which attitudes among staff nurses may indicate relative risk of needle-stick injuries. To study this, the nurse manager will employ which method of study?

a. Control

b. Description

c. Explanation

d. Prediction

ANS: D

Feedback

A Control indicates the ability to use a prescribed intervention to produce a desired outcome.

B Explanation clarifies the relationships among phenomena and identifies why certain events occur.

C Description involves identifying and understanding the nature of nursing phenomena and the relationships among these phenomena.

D Through prediction, the probability of a specific outcome can be estimated in a given situation.

PTS:1DIF:Cognitive level: Applying (Application)

REF: pp. 7-8

6. Which is the most important result of Florence Nightingales data collection and statistical analysis during the Crimean War?