

## 1. Award: 10.00 points

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Which of the following best defines health psychology?

- using psychological theories and principles to tackle problems in the areas of mental health, education, product design, ergonomics, and law
- understanding the psychological influences on how people stay healthy, why they become ill, and how they respond when they get ill
- applying the principles of biology in order to study the anatomy of a human being
- diagnosing, preventing, and treating a disease without including the option of surgery

## 2. Award: 10.00 points

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The World Health Organization's 1948 definition of health:

- does not include mental health
- does not include social health
- defines health as the absence of disease
- encompasses social, mental, and physical health

## 3. Award: 10.00 points

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A health psychologist who designs a media campaign to get people to improve their diets focuses on

- health promotion and maintenance.
- prevention and treatment of illness.
- the etiology and correlates of health, illness, and dysfunction.
- the health care system and the formulation of health policy.

4.

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Health psychologists who study the *psychological* aspects of prevention and treatment of illness may work with individuals who are already ill to

- develop new recommendations for insurance providers.
- help them in following their treatment regimen.
- develop lifestyle interventions that target health behaviors.
- advise them about career paths in the health services field.

5.

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A local community center is offering low-cost water aerobic classes to senior citizens. This can best be described as:

- evidence-based medicine
- continuity of care
- effective marketing
- health promotion

6.

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\_\_\_\_\_ refers to the origins or causes of illness.

- Etiology
- Epidemiology
- Oncology
- Pathology

7.

Award: 10.00 points

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Which of the following is studied by health psychologists to analyze the health care system and formulate health policy?

- classification of occupations that are highly stressful and can adversely affect people's health
- exercise patterns and dietary interventions that help to promote good habits and develop a healthy lifestyle
- the behavioral and social factors that contribute to health, illness, and dysfunction such as alcohol consumption and smoking
- the impact of hospitals and physicians on people's behavior to develop recommendations for improving health care

8.

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According to the humoral theory of illness, disease occurs when

- God punishes one for wrongdoing.
- evil spirits enter a body.
- bodily fluids are imbalanced.
- there is a cellular disorder.

9.

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According to the humoral theory of illness, a person with a passionate temperament is experiencing an imbalance in

- blood.
- black bile.
- yellow bile.
- phlegm.

10. Award: 10.00 points

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According to the humoral theory of illness, yellow bile is associated with

- a laid-back approach to life.
- an angry disposition.
- sadness.
- a passionate temperament.

11. Award: 10.00 points

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According to the humoral theory of illness, black bile is associated with

- an angry disposition.
- a passionate temperament.
- sadness.
- a laid-back approach to life.

12. Award: 10.00 points

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The \_\_\_\_\_ model assumes a mind-body dualism to understanding illness.

- common sense
- health belief
- biopsychosocial
- biomedical

13. Award: 10.00 points

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The humoral theory of illness was replaced by the science of \_\_\_\_\_ during the Renaissance.

- biotechnology
- organic chemistry
- molecular biology
- cellular pathology

14. Award: 10.00 points

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How was the rise of mind-body dualism an advantage over prevailing beliefs in the Middle Ages?

- it emphasized environmental factors
- the physical body could now be examined scientifically
- the mind and body were now viewed as one
- this approach emphasized doctor-patient communication

15. Award: 10.00 points

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The biomedical model maintains that

- psychological and social processes are relevant to the disease process.
- disease results when the four humors or circulating fluids of the body are out of balance.
- health and illness are consequences of biological, psychological, and social factors.
- all illness can be explained on the basis of aberrant somatic bodily processes.

16.

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Sigmund Freud described \_\_\_\_\_ as a specific unconscious conflict that produces physical disturbances and symbolizes repressed psychological conflicts.

- etiology
- conversion hysteria
- chronic illness
- epidemiology

17.

Award: 10.00 points

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In the context of psychosomatic medicine, Flanders Dunbar and Franz Alexander maintained that conflicts produce anxiety, which becomes unconscious and takes a physiological toll on the body via the

- cardiovascular system.
- autonomic nervous system.
- immune system.
- muscular system.

18.

Award: 10.00 points

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Which of these disorders would a psychosomatic clinician be most likely to diagnose in the early 1900s?

- colitis
- tuberculosis
- diphtheria
- diabetes

19.

Award: 10.00 points

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The belief that profiles of particular disorders are caused by emotional conflicts is the basis of the

- theory of biophysics.
- field of psychosomatic medicine.
- biomedical model.
- tools of neuroscience.

20.

Award: 10.00 points

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Which of the following statements is true about the biomedical model?

- It focuses on behaviors that promote health rather than emphasizing illness over health.
- It recognizes healthcare providers as a powerful influence on patient health.
- It assumes that psychological and social processes are relevant to the disease process.
- It reduces illness to low-level processes such as disordered cells and chemical imbalances.

21.

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Dr. Karumbe is a health psychologist who studies the relationship between positive interactions in close relationships and biological processes, such as the physiological stress response. Which model does Dr. Karumbe most likely endorse?

- the biopsychosocial model
- the communal coping model
- the biomedical model
- the mind-body dualism model

## 22. Award: 10.00 points

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Which of the following is emphasized by the biopsychosocial model?

- Psychological conflict is sufficient to produce certain disorders.
- Certain biological disorders can be related on a consistent basis to specific personality types.
- Certain disorders are best treated medically; however, other disorders are best treated using psychotherapy.
- Health is achieved by being attentive to biological, psychological, and social needs.

## 23. Award: 10.00 points

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Acute disorders are

- short-term illnesses that are usually amenable to cure.
- typically co-managed by the patient and the practitioner.
- the major causes of death and illness in the United States.
- slowly developing diseases with which people live for many years.

## 24. Award: 10.00 points

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\_\_\_\_\_ is an example of a chronic illness that is a main contributor to disability and death in industrialized countries.

- Influenza
- Pneumonia
- Cancer
- Tuberculosis



25. Award: 10.00 points

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Which of the following statements is true about chronic illnesses?

- They are rapidly developing diseases.
- They are diseases in which social factors are implicated as causes.
- They rarely affect relationships with a partner.
- They are curable.

26. Award: 10.00 points

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Which of the following statements, if TRUE, will support the argument that health care delivery has a substantial social and psychological impact on people?

- Few people in the United States have direct contact with the health care system as a recipient of services.
- Health psychologists know what makes people satisfied or dissatisfied with their health care.
- Health psychology rejects the notion that people's risky health behaviors can be modified before they become ill.
- Health psychology mainly emphasizes cure rather than prevention to reduce the dollars devoted to the management of illness.

27. Award: 10.00 points

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According to the U.S. Census Bureau, in 2010, \_\_\_\_\_ million Americans had no health insurance.

- 15.3
- 26.7
- 49.9
- 54.6

28. Award: 10.00 points

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Behavioral interventions, particularly those that target risk factors such as diet or smoking, have contributed to the decline in the incidence of some diseases, especially

- Addison's disease.
- autoimmune thyroid disease.
- coronary heart disease.
- undifferentiated connective tissue disease.

29. Award: 10.00 points

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Which of the following statements is true about theories?

- Theories usually generate nonspecific predictions.
- Theories rarely provide guidelines for how to do research and interventions.
- Theories are untestable.
- Theories that are simple and useful are considered the best.

30. Award: 10.00 points

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Janelle is diagnosed with a lump in her gallbladder that must be surgically removed. Her doctor and the hospital psychologist explain the procedure, the difficulties, and the benefits of undergoing the surgery. Janelle is aware of the extent of pain she might experience, and she will be taught techniques to manage the pain. Now that she is informed about the procedure, which of the following is Janelle most likely to do?

- improve her adjustment toward the procedure
- feel anxious about the procedure
- ask for a substitute procedure that might involve less pain
- withdraw from the procedure

31.

Award: 10.00 points

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Most of the research in health psychology is guided by

- practical problems.
- proven theory.
- government agencies.
- clinical trials.

32.

Award: 10.00 points

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Which of the following statements best defines a theory?

- a combination of results from different studies that identify how strong the evidence is for a particular research finding
- a proposition made based on a researcher's belief that provides a starting point for further investigation
- a set of analytic statements that explain a set of phenomena, such as why people practice poor health behaviors
- a creation of two or more conditions that differ from each other in exact and predetermined ways

33.

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Much research in health psychology is

- experimental.
- descriptive.
- meta-analytic.
- quasi-experimental.

### 34. Award: 10.00 points

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A researcher creates two or more conditions that differ from each other in exact and predetermined ways in

- descriptive research.
- a longitudinal study.
- a theory.
- an experiment.

### 35. Award: 10.00 points

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An experiment conducted by a health care practitioner to evaluate treatments or interventions and their effectiveness over time is called a

- retrospective design.
- prospective research.
- randomized clinical trial.
- correlational study.

### 36. Award: 10.00 points

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Dr. Genwali developed a study to test whether eating one serving of dark chocolate each day for 4 weeks improves mood in adults reporting high levels of stress. Dr. Genwali has assigned participants in random order to one of two conditions: eating dark chocolate or drinking a glass of water (control condition) at 7:00 p.m. Dr. Genwali's study is best described as a(n):

- randomized clinical trial
- retrospective study
- observational trial
- correlational study

37.

Award: 10.00 points

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Which of the following happens in a randomized clinical trial?

- A target treatment is compared against an inert treatment.
- It is difficult to determine the direction of causality unambiguously.
- The same people are observed at multiple points in time.
- Researchers attempt to reconstruct the conditions that led to a current situation.

38.

Award: 10.00 points

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\_\_\_\_\_ is a medical intervention that goes through rigorous testing and evaluation of its benefits, usually through randomized clinical trials.

- Ethno medicine
- Alternative medicine
- Psychosomatic medicine
- Evidence-based medicine

39.

Award: 10.00 points

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Sam is a student in health psychology who recently conducted a study looking at the relationship between feelings of social connection and visits to the campus healthcare center. This study is an example of

- correlational research.
- prospective research.
- retrospective research.
- applied research.

40. Award: 10.00 points

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A major disadvantage of a correlational study is that

- it is not empirically testable.
- only one variable can be examined at any given point in time.
- the direction of causation is unclear.
- it studies issues when variables cannot be manipulated experimentally.

41. Award: 10.00 points

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Using a \_\_\_\_\_ design can remedy some of the problems with correlational research.

- prospective
- cross-sectional
- meta-analytic
- retrospective

42. Award: 10.00 points

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\_\_\_\_\_ research looks forward in time to see how a group of people change, or how a relationship between two variables changes over time.

- Correlational
- Prospective
- Retrospective
- Applied

43. Award: 10.00 points

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A researcher intervenes in the diet of one community and not in another and over time looks at the difference in the rates of heart disease between the two communities. This is an example of a(n) \_\_\_\_\_ study.

- mixed-model
- retrospective
- correlational prospective
- experimental prospective

44. Award: 10.00 points

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In a(n) \_\_\_\_\_ study, a researcher measures the diets that people create for themselves and looks at changes in rates of heart disease as determined by how good or poor the diet is.

- retrospective
- mixed-model
- experimental prospective
- correlational prospective

45. Award: 10.00 points

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A prospective approach where the same people are observed at multiple points in time is known as

- correlational research.
- longitudinal research.
- cross-sectional research.
- quasi-experimental research.

46. Award: 10.00 points

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Which of the following best describes a retrospective design?

- looking backward in time in an attempt to reconstruct the conditions that led to a current situation
- looking forward to see how a group of people change, or how a relationship between two variables changes over time
- measuring whether a change in one variable corresponds with changes in another variable
- solving practical problems in society by using empirical methods

47. Award: 10.00 points

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\_\_\_\_\_ is the study of the frequency, distribution, and causes of infectious and non-infectious diseases in a population.

- Ethnicity
- Etiology
- Ethnology
- Epidemiology

48. Award: 10.00 points

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\_\_\_\_\_ refers to the number of cases of a disease that exist at some given point in time.

- Morbidity
- Mortality
- Pathology
- Etiology



49. Award: 10.00 points

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The number of new cases of a disease that exist at some given point in time is called

- plague.
- mortality.
- prevalence.
- incidence.

50. Award: 10.00 points

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The number of deaths due to a particular cause is known as

- homicide.
- obliteration.
- mortality.
- morbidity.

51. Award: 10.00 points

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Which of the following is the primary concern for health psychologists?

- development of superior quality medication
- access to follow-up care after a medical procedure
- rate of mortality in a given population
- health-related quality of life

52. Award: 10.00 points

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Functional magnetic resonance imaging is a scientific tool that permits glimpses into

- the brain.
- the endocrine system.
- the circulatory system.
- DNA molecules.

53. Award: 10.00 points

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\_\_\_\_\_ interventions make use of cell phones, pagers, palm pilots, tablets, and other mobile technologies to deliver interventions and assess health-related events in the natural environment.

- Control-enhancing
- Expressive writing
- Mindfulness-based
- Ecological momentary

54. Award: 10.00 points

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Which of the following is made available to people with hypertension so that they can monitor their blood pressure successfully?

- ventricular assist device
- ambulatory monitoring device
- IAP monitoring device
- implanted neural device

55. Award: 10.00 points

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\_\_\_\_\_ combines results from different studies to identify how strong the evidence is for a particular research finding.

- Cross-sectional analysis
- Retrospective research
- Prospective research
- Meta-analysis

56. Award: 10.00 points

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Meta-analysis is a powerful methodological tool because

- it uses a broad array of diverse evidence to reach conclusions.
- it attempts to reconstruct conditions that led to a current situation.
- it analyzes how a relationship between two variables changes over time.
- it measures whether a change in one variable corresponds with changes in another variable.

57. Award: 10.00 points

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A \_\_\_\_\_ is responsible for assessing where patients go once they are discharged from a medical setting.

- physical therapist
- dietician
- social worker
- nurse practitioner

58. Award: 10.00 points

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The main function of a physical therapist is to

- provide psycho-educational counseling to patients who suffer from chronic illnesses.
- assess where patients need to go after discharge based on their psychosocial needs.
- conduct dietary interventions for patients suffering from chronic illnesses, such as cancer, heart disease, and diabetes.
- support patients in regaining the use of bodily functions that may have been compromised by illness.

59. Award: 10.00 points

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World Health Organization (1948) defined health as "a complete state of physical, mental, and social well-being and not merely the absence of disease or infirmity."

- True
- False

60. Award: 10.00 points

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According to the humoral theory of illness, phlegm is associated with sadness.

- True
- False

61. Award: 10.00 points

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Franz Alexander developed a profile of the ulcer-prone personality as someone with excessive needs for dependency and love.

- True  
 False

62. Award: 10.00 points

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The view that biological, psychological, and social factors are all involved in any given state of health or illness is called the common sense model of illness.

- True  
→  False

63. Award: 10.00 points

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The biomedical model emphasizes health over illness.

- True  
→  False

64. Award: 10.00 points

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The biopsychosocial model emphasizes the importance of an effective patient-practitioner relationship.

- True  
 False

65. Award: 10.00 points

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The division of health psychology was formed in 1978 within the American Psychological Association (APA).

- True  
 False

66. Award: 10.00 points

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The health care industry is closely monitored and well-managed as substantial increase in health care costs have led to tremendous improvement in basic indicators of health.

- True  
→  False

67. Award: 10.00 points

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Experiments have ceased to remain the mainstay of science, because they typically provide less definitive answers to problems than other research methods.

- True  
→  False

68. Award: 10.00 points

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Morbidity may be expressed in two ways: as the number of new cases or as the total number of existing cases of an illness.

- True  
 False

69. Award: 10.00 points

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Correlational studies often have disadvantages over experiments because they are less adaptable.

- True
- False

70. Award: 10.00 points

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Epidemiologists not only study who has what kind of cancer but also address questions such as why certain cancers are more prevalent than others in particular geographic areas.

- True
- False

71. Award: 10.00 points

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Guided interviews and narratives can provide insights into health processes that summary statistics may not provide.

- True
- False

## 72. Award: 10.00 points

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Explain the principles that characterize psychosomatic medicine. In what ways has it influenced the practice of health psychology?

Dunbar's and Alexander's work helped shape the emerging field of psychosomatic medicine by offering profiles of particular disorders believed to be psychosomatic in origin, that is, caused by emotional conflicts. It is now known that all illnesses raise psychological issues. Moreover, researchers now believe that a particular conflict or personality type is not sufficient to produce illness. Rather, the onset of disease is usually due to several factors working together, which may include a biological pathogen coupled with social and psychological factors, such as high stress, low social support, and low socioeconomic status. The idea that the mind and the body together determine health and illness led to the biopsychosocial model.

## 73. Award: 10.00 points

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Describe the biopsychosocial and biomedical models. Explain the advantages of the biopsychosocial model over the biomedical model.

The biomedical model maintains that all illness can be explained on the basis of aberrant somatic bodily processes, such as biochemical imbalances or neurophysiological abnormalities. The model emphasizes illness over health rather than focusing on behaviors that promote health. The biopsychosocial model maintains that biological, psychological, and social factors are all important determinants of health and illness. Both macro level processes and micro level processes continually interact to influence health and illness and their course. The biopsychosocial model emphasizes both health and illness. Therefore, health becomes something that one achieves through attention to biological, psychological, and social needs rather than something that is taken for granted.



**74.** Award: 10.00 points

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Explain how changing patterns of illness have contributed to the rise of health psychology.

Until the 20th century, the major causes of illness and death in the United States were acute disorders, such as tuberculosis, pneumonia, and other infectious diseases. However, the prevalence of acute infectious disorders has significantly declined because of treatment innovations and changes in public health standards. Nowadays, chronic illnesses, such as heart disease, cancer, and respiratory diseases, are the main contributors to disability and death, particularly in industrialized countries.

**75.** Award: 10.00 points

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Explain how prospective and retrospective research remedies the problems of correlational research.

Correlational research measures whether a change in one variable corresponds with changes in another variable. However, prospective research looks forward in time to see how a group of people change, or how a relationship between two variables changes over time. Health psychologists conduct many prospective studies in order to understand the risk factors that relate to health conditions. A particular type of prospective study is longitudinal research, in which the same people are observed at multiple points in time. Retrospective designs, on the other hand, look backward in time in an attempt to reconstruct the conditions that led to a current situation. Retrospective methods were critical in identifying the risk factors that led to the development of AIDS. Therefore, both prospective and retrospective methods prove to be useful in remedying problems faced with correlational research.

76.

Award: 10.00 points

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Explain the importance of qualitative research in the field of health psychology research.

There is an important role for qualitative research in health psychology. Listening to an individual person talk about his or her health needs and experiences is, of course, beneficial for planning an intervention for that person, such as help in losing weight. But more broadly, guided interviews and narratives can provide insights into health processes that summary statistics may not provide. For example, interviews with cancer patients about their chemotherapy experiences may be more helpful in redesigning how chemotherapy is administered than numerical ratings of how satisfied patients are. Qualitative research can also supplement insights from other research methods. For example, surveys of college students can identify rates of problem drinking, but interviews may be helpful for identifying how to build responsible drinking skills. Quantitative and qualitative methods can work hand-in-hand to develop the research evidence for effective interventions.