

Architecture is the art and science of designing structures that organize and enclose space.

question 1

According to paragraph 1, all of the following statements about architecture are true EXCEPT

A Architecture is visual art.

B Architecture reflects the cultural values of its creators.

C Architecture has both artistic and scientific dimensions.

D Architecture has an indirect effect on life.

question 2

The word "feasible" in the passage is closest in meaning to

A in existence

B without question

C achievable

D most likely

question 3

Which of the sentences below best expresses the essential information in the highlighted sentence?

A Unchanging physical laws have limited the size and strength of buildings that can be built.

B Building materials have changed in order to increase architectural size and strength, allowing for taller buildings.

C When people first started to build, the structural methods used to provide strength and support were limited.

D Unlike building materials, the methods of support used in architecture have not changed over time.

question 4

According to paragraph 4, which of the following is true about materials used in the construction of buildings?

- A Because new building materials are hard to find, construction techniques have changed.
- B The availability of suitable building materials no longer limits the types of structures that can be built.
- C The primary building materials that are available today are wood, stone, and brick.
- D Architects in earlier times did not have enough building materials to enclose large spaces.

question 5

In paragraph 4, what does the author imply about modern buildings?

- A They occupy much less space than buildings constructed one hundred years ago.
- B They are not very different from the buildings of a few generations ago.
- C They weigh less in relation to their size than buildings constructed one hundred years ago.
- D They take a long time to build as a result of their complex construction methods.

question 6

Which of the following correctly characterizes the relationship between the human body and buildings?

- A Complex equipment inside buildings is the one element in modern architecture that is similar to the human body.
- B The components in early buildings were similar to three particular elements of the human body.
- C Modern buildings have components that are as likely to change as the human body is.
- D In general, modern buildings more closely resemble the human body than earlier buildings.

question 7

Why does the author include a description of how the "doorways and windows" of Machu Picchu are made?

- A To indicate that the combined skeletons and skins of the stone buildings of Machu Picchu resemble the human body.

- B To indicate the different kinds of stones that had to be cut to build Machu Picchu
- C To provide an illustration of the kind of construction that was required before arches
- D To explain how ancient builders reduced the amount of time necessary to construct

question 8

According to paragraph 6, which of the following statements is true of the arch?

- A The Romans were the first people to use the stone arch.
- B The invention of the arch allowed new architectural forms to be developed.
- C The arch worked by distributing the structural load of a building toward the center of the building.
- D The Romans followed earlier practices in their use of arches.

question 9

Look at the four squares [ ] that indicate where the following sentence could be added.  
Architecture is the art and science of designing structures that organize and enclose space.

question 10

Directions: An introductory sentence for a brief summary of the passage is provided below. Select the THREE answer choices that most accurately and completely capture the main ideas and important details in the passage.

- A. Architects seek to create buildings that are both visually appealing and well suited for their purpose.
- B. Over the course of the history of building, innovations in material and methods of construction have led to the development of new architectural styles.
- C. Throughout history buildings have been constructed like human bodies, needing dissection to understand their internal structure.
- D. Both clients and architects are responsible for the mediocre designs of some modern buildings.
- E. Modern buildings tend to lack the beauty of ancient stone buildings such as those of the Romans.
- F. The discovery and use of the arch typifies the way in which architecture advances by building on previous knowledge.

