

Structures and Forces Practice Quiz

Topic 1 - Types of Structures

1. All of the following structures can be classified as manufactured, EXCEPT

jigsaw puzzle

a spoon

a feather

a fishing net

2. A mass structure can be made by piling materials into a particular shape or design. The following are examples of **natural** mass structures ...

dams and mountains

brick walls and coral reefs

ice sculptures and sand castles

mountains and coral reefs

3. How a structure is put together, how it is shaped and the types of materials that are used to build it are all part of the structure's ...

design

function

classification

stability

4. 'Running bond' is a pattern used for strength in ...

dams

brick walls

beaver dams

omelettes

5. Frame structures have a skeleton-like appearance and are made of very strong materials so they can support the ...

partition walls

retaining walls

load bearing walls

roof and covering materials

6. Egg cartons, food cans, bottles and pipes are examples of ...

manufactured shell structures

natural shell structures

manufactured frame structures

natural frame structures

Check your [Answers](#)

Structures and Forces Practice Quiz

Topic 1 - Types of Structures

1. All of the following structures can be classified as manufactured, EXCEPT

jigsaw puzzle

a spoon

a feather (Text p. 270) The picture on this page shows a bird's feather

a fishing net

2. A mass structure can be made by piling materials into a particular shape or design. The following are examples of **natural** mass structures ...

dams and mountains

brick walls and coral reefs

ice sculptures and sand castles

mountains and coral reefs (Text p. 272)

3. How a structure is put together, how it is shaped and the types of materials that are used to build it are all part of the structure's ...

design (Text p. 272) 1st paragraph

function

classification

stability

4. 'Running bond' is a pattern used for strength in ...

dams

brick walls (Text p. 272) Figure 4.4

beaver dams

omelettes

5. Frame structures have a skeleton-like appearance and are made of very strong materials so they can support the ...

partition walls

retaining walls

load bearing walls

roof and covering materials (Text p. 274) All of the other distractors are used to support the roof and covering materials

6. Egg cartons, food cans, bottles and pipes are examples of ...

manufactured shell structures (Text p. 278) These are examples commonly used

natural shell structures

manufactured frame structures

natural frame structures