

Department of technology

Grade: third year students

Specialty: civil engineering

Module: English

First exam

Building or housing is the most fundamental need for humankind. It shelters us. When we see or hear the "Building" word, we imagine that a building is tall and has a roof, walls, rooms, etc. However, in a broader sense, the definition of a building is structurally constructive based on bricks, sands, types of cement, water, concrete, metal, etc. Buildings may be load-bearing masonry buildings, RCC, or steel-framed structure buildings. There are many different types of Buildings. Such as: Residential houses, Schools, Colleges & Universities, Hospitals, Factories, Workshops, etc.

Foundation is the most critical work of building construction. A load of buildings depends on the foundation which is the strength of buildings. It is one kind of substructure. Foundations can be divided into two categories such as shallow and deep foundation. The words shallow and deep indicate the depth of foundation in the soil. Shallow foundations are used for small and light buildings e.g. a small or medium-size houses, small shopping centers, etc., and deep foundations are used for heavy and large buildings e.g. tall buildings, huge shopping malls, large hospitals, and universities, etc. Generally, shallow foundations can be made in the depth of as little as 3ft (1m), and deep foundations made at depth of 60-200ft (20-65m).

There are other building services after the construction, which are also counted as components of building construction. Such as- water supply, electricity supply, drainage, and sanitation supply internal closets' and cupboards' services.

RCC= reinforced cement concrete

Questions

Part one:

1/ the text is talking about: (1pt)

a/ building and foundation

b/ construction sites

c/ types of buildings

2/ say whether the following sentences are true or false: (3pts)

a/ a load of a buildings relies on the foundation.

b/ housing is the most needless shelter for humankind.

c/ shallow foundations are deeper than deep foundations.

3/ answer the following questions according to the text: (3pts)

1/ what are the other building services that come after the construction?

2/ is foundation the basic work of building construction? Justify?

3/ what is the difference between shallow and deep foundations when it comes to function?

4/ find in the text words that mean the same to the following words: (1pt)

b/ big

a/ essential

5/ find in the text words that mean the opposite to the following words: (1pt)

b/ weakness

a/ shallow

Part two:

1/ complete the following sentences: (3pts)

1/ the company will employ new staff by the end of the year.

New

2/ parents buy too many devices to educate their children.

Too.....

3/ millions of people all over the world admire Escher's art work.

Escher's.....

2/ find in the text: (2pts)

1/ a conjunctive adverb that indicates contrast.

2/ a complex sentence

Part three:

Written expression: (6pts)

Use the following information in order to describe this landmark in a form of a paragraph:

Landmark: the Martyr's Monument.

Known: Maqam Elchahid

Location: Algiers.

Date of construction: July, 5, 1982. At

Designed by: the Algerian artist Bachir Yells, the Polish sculptor Marian Adam Konieczny.

Material: reinforced concrete.

Height: 92m.

Shape: three standing palm leaves, at the edge of each palm leaf is a statue of a soldier representing a stage of Algeria's struggle for independence

Purpose: to commemorate the martyrs killed during the Algerian War of Independence.

Best of luck

Correction of the first English exam

(3 year students/civil engineering)

Part one:

1/ the text is talking about building and foundation (1pt)

2/ true/ false (3pts)

a→true

b→false

c→false

3/ answer the questions from the text (3pts)

1/ other building construction are water supply, electricity supply, drainage, and sanitation supply, internal closets, and cupboards services.

2/ yes, it is

3/the difference between shallow and deep foundations is the following

Shallow f are used for small and light buildings/ deep f are used for heavy and large building.

4/ synonyms and opposite (2pts)

essential= fundamental

big= large/ huge

5/ shallow≠ deep

weakness≠ strength

Part two:

1/ active and passive voice (3pts)

a/new staff will be employed by the company by the end of the year.

b/ too many devices are bought by parents to educate their children

c/ Escher's art work is admired by millions of people all over the world.

2/ find in the text (2pts)

a/ a conjunctive adverb that indicates contrast: however

b/ a complex sentence: (we have many of them in the text, but the best one is:

when we see or hear the building word, we imagine that a building is tall and has a roof, walls, rooms, etc.

Part three:

Paragraph (6pts)

1/ well- organized paragraph (the form of the paragraph: introduction- body- conclusion)

2/ follow the ordered steps

3/ no spelling errors in the paragraph

4/ the correct use of tenses