

Department of technology

Grade: third year students (civil engineering)

full name:.....

Module: English

The second English exam

Civil Engineering is a branch of engineering which deals with the physical environment. It involves designing, maintenance, analysis and development of the physical environment. The physical environment can include roads, dams, bridges, canals, apartments, sewerage systems, hyperloop structures, railway bridges, caves, tunnels, and pipelines. There are other types of civil engineering as well. One of these types is structural engineering. this latter can be defined as a benchmark program and specialization of the Civil Engineering. The study concentrates on the skeleton and design of structures. It further ensures safety by creating those structures which can resist the pressures, stresses due to harsh climate condition of the environment. This Engineering is all about repairing, analyzing, designing, planning, designing and surveying of buildings. The construction of massive structures like underground tunnels, flyover bridges, buildings and escalators are a part of this engineering only. In crux, it is responsible for the stability and security of buildings and skyscrapers throughout their use.

In other words, In analyzing and designing aspects of Structural Engineering, a civil engineer has to make measurements and assumptions about the pressures and loads that the structures will have in its lifetime, its future impacts and how it can be safe for long-term use.

Adopted and adapted

Questions

Part one:

1/ say whether the following statements are true or false (3pts)

a/ for farther purposes structural engineering is concerned with safety first.....

b/ harsh climate conditions are prime reasons of damaging construction.....

c/ it is a trivia for every structural engineer to be acquainted with these structural studies.....

2/ answer the following questions (2pts)

a/ what is the core aim of studying structural engineering?

.....
.....

b/ based on your knowledge, name other types of civil engineering that you know?

.....

3/ find in the text words that are close/ opposite in meaning to the following words (2pts)

effects=

standard=.....

sabotaging= /=.....

huge= /=.....

Part two:

1/ translate the following words in English/ Arabic (4pts)

a/concrete pumping...../ ا/حجارة

B/urban planning...../ ب/سطح

c/ concrete mixers...../ ج/الحمولة

d/planned...../ د/الهندسة الإنشائية

2/ complete the following sentences (4pts)

a/Rahul said to me, 'Did you see the cricket match on TV last night?'

b/ he said to Ahmed, 'I'll see you later'.

c/The teacher said to the students, "Why are you laughing?"

d/my mother said to Sarah, "tidy up your room and don't waste time"

4/ fill in the gaps with the right word (5pts)

Soil- engineer- properties- construction- quality- engineering

1/ Amongst the varied types of Civil Engineering, Geotechnical is concerned with exploring the ground on which a project is to be made. Checking the quality, the of the stones and will the construction be able to hold the project safely. It is the job of a geotechnical to detect any vulnerabilities. After understanding all these aspects, Geotechnical Engineering assesses the feasibility of a project.

Materials- environmental- protection- hazardous

2/ Engineering involves the nature conservation and-related activities like green engineering, pollution elimination, solid waste treatment, handling waste, protection of densely populated areas, and natural resources situated in densely populated areas, amongst others.

Best of luck

Correction of the second English exam

Third year civil engineering

Part one:

1/ true or false (3pts)

a/ true b/ true c/ false

2/ answer the following questions (2pts)

a/The core aim of studying structural engineering is to provide safe buildings for a long term

(any relevant answer is considered correct)

b/ Any type that is involved in civil engineering is considered it correct

3/ find in the text words that are close/ opposite in meaning to the following words (2pts)

effects=impacts standard=benchmark

sabotaging=repairing

huge=~~massive~~ *part*

Part two:

1/ translate the following words in English/ Arabic (4pts)

a/concrete pumping → مضخة الخرسانة

stones → ا/حجارة

B/urban planning → التخطيط العمراني

surface → ب/سطح

c/ concrete mixers → خلاطات الخرسانة

load → ج/الحمولة

d/planned → مخطط

structural engineering.. → د/الهندسة الإنشائية

2/ complete the following sentences (4pts)

a/Rahul asked me if I had seen the cricket match on TV the previous night.

b/ he said to Ahmed that he would see him later.

c/The teacher asked the students Why they were laughing.

d/my mother ordered Sarah to tidy up her room and not to waste time.

4/ fill in the gaps with the right word (5pts)

1/ engineering1- properties2- construction3- Soil4- quality5- engineer6.

2/ environmental1- protection2- hazardous3- Materials4