



الجامعة التكنولوجية

قسم هندسة البناء والإنشاءات

المرحلة الأولى

العدد : —

التاريخ : 2015 / 6 / 10

الى / السيد معاون رئيس القسم

م/ الاجابة النموذجية لمادة (اللغة الانكليزية)

تحية طيبة

نرفق لكم طيا نسخة من الأسئلة الخاصة بمادة اللغة الانكليزية و للإمتحان النهائي للفصل الدراسي الثاني - الدور الأول و للعام الدراسي 2014 - 2015 و الذي تم اجراءه بتاريخ 2015/06/10 مع الاجابة النموذجية الخاصة بها.

مع التقدير

أ.م.د. قيس جواد فريح

مسؤول المرحلة الأولى

2015 / 6 / 10

نسخة منه الى/

• ملف اللجنة الامتحانية



University of Technology
Building and Construction Eng. Dept.
Final Exam/ First Attempt/2014-2015



Subject : English
Branch :
Examiner : Manaf A. Mohammed

Stage: 1st year
Time : 3 Hours
Date : June 10, 2015

Note: Answer only five questions

Q1/ A- Make full sentences by joining one part from List A and a second part from List B. **(6 marks)**

A

B

- | | |
|--|--|
| 1. A material cannot be under stress... | a. when equal and opposite forces are applied along the same line of action. |
| 2. An elastic body returns to its original form... | b. the magnitude of the force applied to it. |
| 3. Shearing stress does not happen in a material... | c. unless two parallel forces act on it in opposite directions. |
| 4. Tensile stress is set up in a body... | d. although it is in compression. |
| 5. Elongation in a spring is directly proportional to... | e. because it is subjected to high pressure and temperature. |
| 6. High temperature creep is developed in a boiler... | f. when the deforming force is removed. |

B- Give the meaning of SIX of the followings:

(1) fragments; (2) extent; (3) property; (4) go round; (5) principle; (6) modern world; and (7) dimensions. **(6 marks)**

Q2/ A- The following sentence is in active voice- positive. Write it in: active voice- negative, active voice- question, passive voice- positive, passive voice- negative; and passive voice-question. **(5 marks)**

Modern factories all over the world increase the amount of carbon dioxide.

B- Use the following details of a book to write them in a reference form:

Book Title: Advanced Engineering Mathematics; Author: Erwin Kreyszig; City: New York; Publisher: John Wiley & Sons, Inc. Year of Publishing: 1972. **(2 marks)**

C-Put the following sentences into passive voice:

(5 marks)

1. Structural engineers design foundation normally to resist compression.
2. Some materials can absorb light.
3. Natural gasses play a vital part in industry.
4. Hot bodies radiate heat energy in all directions.
5. Some animals eat only plant food.

Q3/ In **A** and **B** below, complete each sentence choosing the correct verb form from the alternatives in parentheses:

A-

(6 marks)

1. Newton's laws (lead, are leading, have led) to useful advances.
2. Concrete (hardens, is hardening, has hardened) a short time after we (mix, are mixing, have mixed) it.
3. When a substance (is heated, is being heated, has been heated) the spaces between its molecules (become, are becoming, have become) larger.
4. The engines (operate, are operating, have operated) now.

B-

(6 marks)

1. To what kind of problems (is, has, are, have) physics applied?
2. An interesting and important application of computers (is, are) to find out how materials (behaves, behave, behaved) under load.
3. A radar aerial (receives, receive, received) radio waves as they (returns, return, returned) from the target.
4. A gentle push (does not, do not) start a large iron ball moving.

Q4/A- Rewrite the following sentences using the verb in parentheses in the correct **TENSE and VOICE**:

(7 marks)

1. Two fixed points (make) on every thermometer.
2. Cement (bind) sand and gravel together.
3. High standards (expect) from modern machines.
4. A dam (keep) back the water of a river.
5. Air (make) up of many gases.
6. Recently, new building materials (develop).
7. Why radar (use)?

B- Rewrite the following paragraph filling the spaces with the prepositions (from, in, on, by, or of):

(5 marks)

"Iraq is situatedthe eastern north of Arabian plate. It is highly affectedthe horizontal seismic belt which extends Caribbean plate, passing Indian plate and Philippine plate and endingCaribbean plate. The provinces suffer morethe seismic actions of this belt are Missam, Diyala, Sulaimaniya, and Duhok."

Q5/A- Write a composition (about 150 words) on the importance and using of oil in our life. Use the phrase “Oil in Our Life” as title.

(6 marks)

B- Fill each space in the followings with a suitable word:(4 marks)

1. may be found in the U.S.A. and in the middle east.
2. The wheel is Slowly.
3. Does the passenger lift work on the same As the goods lift?
4. Have we got all thewe need in the laboratory?

C- Give two differences between the old method and the new method of “Drilling for Oil” **(1 mark)**

D- Why are oil fields lined with steel tubes during the process of drilling? **(1 mark)**

Q6/A- “Making notes” and “Taking notes” are very important activities for a university student. Explain that. **(4 marks)**

B- Comment on the taking notes performance of the student who attended the lecture in the Chemistry Course. **(2 marks)**

C- Express proportionality by joining the sentences in the followings: (the, the.....): **(4 marks)**

- 1- The gravity is little. The weight of a body is little.
- 2- The amount of water in a concrete mixture is great. The bonding is weak.
- 3- The voids between concrete ingredients are many. The concrete has little strength.
- 4- A machine is lubricated well. The wear of its parts is little.

D- Express proportionality by using (increase/ decrease) in the followings: **(2 marks)**

1. The turbine rotation is directly proportional to the force of gasses rushing.
 2. The density of a body is reversely proportional to its volume.
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Good Luck