

## Departments of:

(Electronic, hydraulic, civil, electrical, mechanical, electro technical engineering)

Date: Saturday 19/01/2020

Level: 2<sup>nd</sup> year

Duration: 1 hour 30 min

Full name :.....

Subject: English

Department :.....group...

## First semester Exam

## Question 01: transcribe these numbers and symbols (8 pts.)

12+20=32	Twelve plus twenty equals thirty two (0.5)
30-10=20	Thirty minus ten equals twenty (0.5)
100≤ 100	One hundred is less than or equal to one hundred (0.5)
200≥ 200	Two hundred is greater than or equal to two hundred (0.5)
10000	Ten thousands
6× 6 = 36	Six multiplied by six equals thirty six
100÷ 10 = 10	One hundred divided by ten equals ten
10> 5	Ten is greater than five
17< 20	Seventeen is less than twenty
100%	One hundred percent
18°	Eighteen degree
77≠ 44	Seventy seven does not equal forty four
1st	First
13th	Thirteenth
3rd	Third
768	Seven hundred sixty eight
200000	Two hundred thousands

## Question 02: translate these terms into Arabic or French (7 pts.)

- Boiler Chaudière سخان مياه (0.5)
- Crane CRIC رافعه -grue
- Gas engine محرك الغاز Moteur à gaz (0.5)
- Machine tool أداة آلية
- Pump pompe مضخة
- Turbine محرك يعمل بقوة الماء, الغاز, البخار
- Mining engineering • هندسة التعدين • Ingénierie minière
- Petroleum production engineering • Ingénierie de production pétrolière • هندسة إنتاج البترول
- Hard drive • قرص صلب • Disque dur
- Flash disk – clé USB
- Chip – puce- رقاقة
- Industrial engineering • هندسة صناعية
- Search engine • محرك البحث • Moteur de recherche
- Terms of use • Conditions d'utilisation • تعليمات الاستخدام

**Question 03:**

**Here is an extract from a speech made by a careers advisor to a group of students choosing their future courses of study at university. Complete the speech by choosing one of the words from the box. (5 pts.)**

**Machines – highway – mechanical - chemical – civil – physics – electrical -  
develop- production – electronic.**

Engineering students should have an understanding of maths, (a) **physics ( 0.5)** and chemistry. Working with pharmaceuticals, food, mineral processing and chemical manufacturing, a (b) **chemical(0.5)** engineer is trained to understand, design, control, and investigate material flows. If you enjoy problem solving and find projects such as the Channel Tunnel and the Three Gorges Dam interesting, (c) **civil** engineering may be for you. You will produce creative designs at an economical price while paying due concern to the environment. If your interest is in road building then you may decide to follow a specialized course in (d) **highway** engineering. By studying (e) **electronic** and (f) **electrical** engineering you learn about the design of complete systems, such as computers, controllers, power and transport systems.(g) **mechanical** engineers plan, design and (h) **develop** a wide range of things: washing machines, cars and spacecraft.(i) **production** engineers work very closely with mechanical engineers, to make new products at the right price, on time and in the correct quantity. As well as designing and selecting (j) **machines** and materials, they also organize people and finance.

**Best of luck!**