

Third year **Electricity - Control**

Subject: English Year: 2012-2013 Time: 2 hours

Pages: 2

Part I: Reading comprehension (5 Marks)

Read the following passage and then answer the questions:

Technology refers to all the ways people use their inventions and discoveries to satisfy their needs and desires. Ever since people appeared on the earth, they have had to work to obtain food, clothing and shelter. They have also had to work to satisfy their desire for leisure and comfort. Through the ages, people invented tools, machines, materials, and techniques to make work easier. They also discovered water power, electricity, and other sources of power that increased the rate at which they could work. Technology thus involves the use of tools, machines, materials, techniques, and sources of power to make work easier and more productive. Modern communications and data processing also rely on technology, especially electronics. Many people call the age we live in the age of technology. Yet people have always lived in technological age because they have always had to work to obtain most of life's necessities and many of its pleasures. Technology thus includes the use of both primitive and highly advanced tools and methods of work. But when people speak of technology today, they generally mean industrial technology- the technology that helped bring about our modern society.

A) Answer the following questions:-

- 1-When did technology begin?
- 2- What does electronics reckon on?

B) Choose the correct	answer :-	
	iscoveries of technology are to	the hopes and wants
of people.		
a) fulfill	b) restore	c) offset
4- Applied science	the usage of tools and inv	ventions.
a) encloses	b) includes	c) takes on
5- One main characteris	tic of technology is to use	tools as well as
sophisticated ones.		
a) rudimentary	b) monocular	c) ancient
	Part II-Textbook (5 Mar	·ks)
1- Define monobasic ac	ids.	
2- What happens when	an electric current passes through o	copper sulphate solution?
3- Chlorine bleaching p	roved the answer to the need for m	ore white paper in the
18 th and 19 th centuries. ($Choose) \rightarrow (\sqrt{)} / (\times)$	
4- What are the main us	es of (GPS) devices?	
5- What is the phenome	non displayed by certain substance	es that conduct electricity
but demonstrate no resis	stance to the flow of an electric cur	rent?
6- Give the meaning of	the following words: a)connecting	b)ascend
7-What would a perfect	insulator be like?	
8-What could a space el	evator be used for?	
9 is the	e lowest temperature theoretically p	possible, characterized by
complete absence of hea	at (thermal energy).	(Complete)

10-Never store cylinders by naked flames. they may explode. (Complete)

Part III- Grammar and Structure (5 Marks)

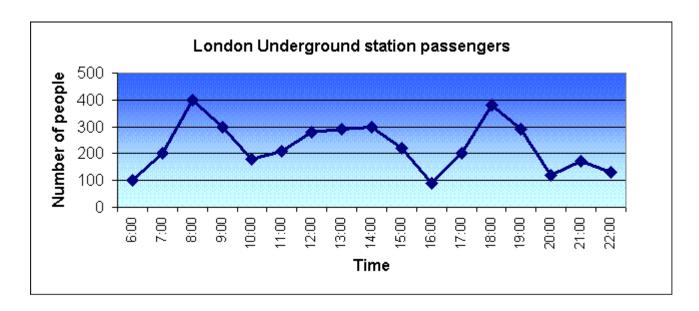
Do as shown in brackets:

- 1- Why don't you trust me? Why are you suspicious my intentions? (Complete)
- 2- A tortoise is (faster slower better) than a rabbit. (Choose)
- 3- The police never found who committed the murder. (Complete)
- 4- If I were you,(Complete)
- 5- He has been sitting in the corner since twenty minutes. (Correct the sentence)
- 6- In a few weeks the patient (walk) without a stick. (Correct the verb)
- 7- Our visitor was wearing a heavy fur coat but the weather was not cold. (Use: although)
- 8- Let's go to the cinema,?(Complete)
- 9- You(should must can) wear goggles to avoid compulsory actions.(Choose)
- 10- Mind you (hurt) yourself. The metal is very sharp. (Correct)

Part IV-Composition (5 Marks)

Write a report for a university lecturer describing the information shown below:

You should write at least 150 words. You should spend no more than 20 minutes.





Third year Electricity – Control Model Answer

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Part I: Reading comprehension (5 Marks)

- 1-Ever since people appeared on the earth
- 2- Technology
- 3- a) fulfill
- 4-c) takes on
- 5- a) rudimentary

Part II-Textbook (5 Marks)

- 1- Monobasic acids are acids which have only one replaceable hydrogen atom in each molecule.
- 2- The blue solution of copper sulphategradually becomes paler.
- 3- (√)
- 4- Navigation / boat systems / prevent theft. Etc.
- 5- Superconductivity
- 6- a) connecting = joining
- b) ascend = climb up
- 7- A perfect insulator would be a material that is absolutely non-conducting. Such a material does not exist.
- 8- A space elevator could raise things into space.
- 9- Absolute zero.
- 10- Never store cylinders by naked flames. <u>If you do</u>, they may explode.

Part III- Grammar and Structure (5 Marks)

Do as shown in brackets:

- 1- Of
- 2- Slower
- 3- The police never found the criminal/ the one / the person...or any logic answer who committed the murder.
- 4- If I were you, the third case of conditional if...
- 5- He has been sitting in the corner <u>for</u> twenty minutes. (Correct the sentence)
- 6- In a few weeks the patient is going to walk / will walk without a stick.
- 7- Although the weather was not cold, our visitor was wearing a heavy fur coat.
- 8- Let's go to the cinema, shall we?
- 9- Must
- 10- Mind you don't hurt yourself. The metal is very sharp.

Part IV-Composition (5 Marks)

It is left to the evaluation of the examiner.