University of Bejaia Department of Technology Level:1st year LMD

Year: 2017/2018 Duration: 1h30

Second Term English Replacement Exam

An automotive battery is a rechargeable battery that supplies electrical current to a motor vehicle. Its main purpose is to feed the starter, which starts the engine. Once the engine is running, power for the car's electrical systems is supplied by the alternator. Typically, starting discharges less than three per cent of the battery capacity. SLI (Starting, Lighting and Ignition) batteries are designed to release a high burst of current and then be quickly recharged. They are not designed for deep discharge, and a full discharge can reduce the battery's lifespan. As well as starting the engine an SLI battery supplies the extra power necessary when the vehicle's electrical requirements exceed the supply from the charging system. It is also a stabilizer, evening out potentially damaging voltage spikes. While the engine is running, most of the power is provided by the alternator, which includes a voltage regulator to keep the output between 13.5 and 14.5 V. Modern SLI batteries are lead-acid type, using six series-connected cells to provide a nominal 12-volt system, or twelve cells for a 24-volt system in heavy trucks or earth-moving equipment, for example. Battery electric vehicles are powered by a high-voltage electric vehicle battery, but they usually have an automotive battery as well, so that they can use standard automotive accessories which are designed to run on 12 V.

an use	e standard automotive acce	ssories which are	designed to	run on 12 V.	-,	
I-	Reading Compreh	nension: (5pts)				
a-	Answer the following que Give the definition of an	automotive batte				
b-	What is the purpose of d	esigning the SLI	batteries?		•	
	How are the electrical ba					
			-			
2-	Give synonyms to the fol			••••••	•••••	
-	a- engine = b- accessories =					
3-	Give opposites to the foll	owing words:	3"			
	a- rechargeable =/=	b - automotive =/=				
II-	Mastery of Langu	age:(13nts)				
1-	Classify the following wasked-investigated-belie	ords according	to the pro	nunciation of the	final "ed	
	/t/	/d/		/id/		
2-	Choose among the list the might-must not-must	e appropriate m	odal verb:	be able to- should	- don't ha	
a-	There are plenty of tomato	es in the fridge. Y	ou		to buy any	

c- If she feels ill, perhaps she
3- Re -write the following sentences into passive voice:a- Jack has installed a new computer.
b- The key was given to me by the lady.
c- They expected us to build the road.
d- They develop a new type of washing powder.
4- Transform the following sentences into reported speech:a- She said: «I am reading".
b- He said: "I know a better restaurant".
c- "I don't know where my shoes are", she said
d- "Don't play on the grass, boys", She tells us.
5- Fill in the gaps with the appropriate tense: a- I (learn)
Fill in the gaps with the following words: electrical energy- recycled- storage battery- disposable batteries.
A rechargeable battery, also called ais a kind of battery
that can be restored to full charge by the use of
batteries, rechargeable batteries can be
, rechargeable batteries have many advantages, they can
be reused many times before being discarded.

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The correction of Second Term Exam of English

Reading comprehension: 5 pts

1- The suitable title to the text: 1 pt

Thinking green

- 2- Answer the following questions: 2 pts (1x2)
 - What do people do in order to preserve the environment? They are learning to plant trees to replace the trees they use. They are learning to use

less coal, gas and oil. They are learning to "think green".

- What does it mean "to think green"? Thinking green means considering ways to keep the environment healthy. b-
- Thinking green means thinking about the bad effects on the environment before doing something 1 pt (0.5x 2)
- 3- Give synonyms to the following words:

b- manners §1 = ways a- Threaten $\S1 = \text{harm}$

4- Give opposites to the following words:

1 pt (0.5x 2)

a- Good § 2 =/= bad

b- Dirty § 2 =/= clean

- Mastery of Language: 13 pts
- 1- Circle among the following list of words the appropriate silent letter: 3 pts (0.5x6)

- island

- column psychology 2- Fill in the gaps with the appropriate active or passive verb form. 2.5pts (0.5x5) - listen
 - a- The problem was explained to the children.
 - b- All the trouble was caused by your mother.
 - c- I lent him ten thousand pounds last year.
 - d- His attitude shocked / has shocked me.
 - e- Excuse the mess. The house is being painted.
 - 3- Transform the following sentences from direct speech into reported speech:

a- She said: "He works in a bank."

She said that he worked in a bank.

b- She says: "I will not come!"

She says that she will not come.

c- She said: "I had never been there before." She said that she had never been there before

d- She said: "I didn't go to the party."

She told me that she hadn't gone to the party.

4- Choose among the following list the appropriate modal verb:

 $1.5 \text{ pts} (0.5 \times 3)$

- You might want to stop by the museum gift shop on your way out. a-
- May I have your autograph? b-
- You can marry her. She is a nice girl. C-

5- Say whether the following sentences are true or false: 2 pts (0.5x 4)

- Silent letter is usually left pronounced. False
- The passive voice is formed with the verb "to be" + past participle of the verb. True
- The modal verb "can" expresses necessity in the present. False
- We use the modal verb "will" to express a spontaneous decision. True

III- Writing Expression: 2 pts (0.5x4)

Reordering the sentence to form a coherent paragraph.

- a- 4
- b- 1
- c- 3
- d- 2

Best of Luck