

<u>A. Put True ($\sqrt{}$) or False (X):</u>

1. A layer of air surr	ounds the earth.			()
2. Air exerts an upw	ard pressure.			()
3. The atmosphere p	resses down on u	IS.		()
4. A layer of air is ca	alled an atmosphe	ere.		()
5. Air can be seen.				()
6. Air is a visible sul	ostance.			()
7. We can feel the w	eight of the atmo	osphere.		()
8. Air only exerts pro	essure upwards a	nd sideways.		()
9. A considerable d	istance means a	quite a long way.		()
10. A magnet attract	s other substance	es.		()
11. Iron, cobalt and	nickel are the three	ee substances which are			
attracted by a	magnet.			()
12. Alloys which con	ntain a magnetic	substance are always magnetic.		()
13. Alloys containin	g aluminium are	magnetic.		()
14. The central part	of a bar magnet h	has no magnetic force.		()
15. A north pole and	a south pole are	like poles.		()
16. Cobalt can be ma	ade into a magnet	t.	()	
17. Manganese is a r	ion-magnetic sub	ostance.	()	
18. Most of the mag	netic force in a m	agnet is near the poles.		()
19. A south pole will	l attract a north p	ole.		()
20. Two magnets free	ely suspended w	ill swing away from each other			
when they are	brought close to	gether.		()
B. Choose the con	rrect answer:				
1.Iof selling	g my car. Would	l you be interested in buying i	t?		
a.Thinking b	.think	c.am thinking			
2.She to Ale	x last summer.				
a. goes	b. go	c. went			

3.Cover abo	ut 40 km means		
a.long way	b.possible to travel	c.a distance of	
4.within con	nmuting distancemeans		
a.long way	b.a distance of	c.possible to travel	
5.She never.	to Alex.		
a. go	b.doesn't go	c.goes	
6.Far places	mean		
a.long way	b.so near	c.distant	
7.At such clo	ose range means		
a.long way	b.so near	c.distant	
8.She fell	and broke her arm.		
a. off	b.out	c.down	
9.Can you he	elp mewith these boots,	please?	
a.at	b. in	c.off	
10.Can you re	each that bookfor me, p	lease? You're taller than me.	
a. in	b. out	c.down	
11.I reached	l for the light switch bu	t couldn't find it in the dark	
a. in	b. out	c. down	
12.Can you h	nelp mewith these boots	s, please?	
a.at	b. in	c.on	
13.I'm just popping for a newspaper			
a.at	b.in	c. out	
14.Move! I need to sit down			
a.up	b.out	c.over	
15. Will you help me blow these balloons for the party?			
a.up	b.out	c.over	
16.Could you move and let Christine sit next to you?			
a.up	b.out	c.over	
17.I have a bac	d leg.I don't want to slow you	, so go ahead and don't wait for me.	
a.up	b.out	c.over	
18. Slow	! There's a police car behind u	IS.	
a. in	b. out	c. down	

19.I must wrapStella's birthday present. Do you have any nice paper? b.out a.up c.over 20.Can you help me to **tie** this package? 1 don't want it to get damaged in the post. b.out a.up c.over 21.Could you **pick** that box and follow me, please? b.out c.over a.up 22.He felt very angry and **tore** her letter..... b.out c.over a.up 23.I can't understand why he.....so selfish. He never thinks about other people. c. Is a. Being b. Is being 24.-The window was open and a bird.....into the room. c. flew a.is flying b. fly 25.Kite......you should sell your car. You don't use it very often. a. think b. is thinking c. thinks 26.I can't understand why he.....so selfish. He isn't usually like that. a. Is b. being c. is being 27.Tom is never satisfied. He's always..... a. Complain b. Complains c. Complaining. 28.Rachel alwaysat the Park Hotel when she's in London. b. is staying a. Stays c. staying 29.I.....abroad last year. b.didn't c.isn't a.wasn't 30.Light from the sun..... practically inexhaustible and..... available everywhere. a.is b. are c. is being 31.Using sunlight as a source of energyconsiderable advantages a.offers b. offer c.offered 32. Each layerChemically treated to produce what..... known as a p-type layer and n-type layer. a.is b. are c. is being 33.until the present lime they have generally been used to charge batteries b. Out c. In a.Up 34. The windows are dirty. They need..... b. clean c. to clean. a. cleaning

ne to the	parcel.
b.blow up	c.tear up
out of use tw	vo days because it's being repainted.
b. for	c. in
arrive at the meeting	time.
b. on	c.for
all over the world.	
b.spoken	c. spoke
	 b.blow up out of use tw b. for b. arrive at the meeting b. on all over the world.

Ill- Reading Comprehension

Read the following passage then answer the questions:

Using sunlight as a source of energy offers considerable advantages. Light from the sun is practically inexhaustible and is available everywhere. Changing sunlight directly into electrical energy involves the use of photovoltaic cells or solar cells and these use no fuel. A solar cell comprises two layers of the element Silicon. Each layer is chemically treated to produce what is known as a p-type layer and n-type layer. When they join is a region called a p-n junction. When sunlight strikes the p-n junction a voltage is generated. However the voltage produced by one solar cell is very small and for this reason many solar cells are connected together to form an array called solar panel. Up until the present lime they have generally been used to charge batteries or operate electrical systems in space vehicles.

A- Answer the following questions :

_	THIS WOT WHO TOHOWING C		
	1- What are the advanta	ages of sunlight as a source	e of light?
	a- inexhaustible	b- available everywhere	c-both a, b
	2- Give another express	sion for solar cell.	
	a- solar panel	b- photovoltaic cell	c- solar cells
B	Choose the correct ans	swer:	
	1- By joining many sola	ar cells together we can bu	ild
	a- solar panel	b- p-n junction	c- solar cells
	2- Solar cells are made	of	
	a-solar panel	b- solar cells	c- Silicon
	3- The region where a p	o-type layer and n-type lay	er join is known as a
	a- solar panel	b- p-n junction	c- n-type layer

Benha University Faculty of Engineering- Benha Transferred Students(Electrical) First Year



Final Term Exam Date: 23/5/ 2016 Enghish Duration : 2 hours

A. Put True ($\sqrt{}$) or False (X):

2.Sheto Alex last summer.

1. A layer of air surrounds the earth.		(√)
2. Air exerts an upward pressure.		(√)
3. The atmosphere presses down on us.		()
4. A layer of air is called an atmosphere.		(X)
5. Air can be seen.		(X)
6. Air is a visible substance.		(X)
7. We can feel the weight of the atmosphere.		(X)
8. Air only exerts pressure upwards and sideways.		(X)
9. A considerable distance means a quite a long way.		(√)
10. A magnet attracts other substances.		(X)
11. Iron, cobalt and nickel are the three substances which are		
attracted by a magnet.		(X)
12. Alloys which contain a magnetic substance are always magnetic.		(X)
13. Alloys containing aluminium are magnetic.		(X)
14. The central part of a bar magnet has no magnetic force.		(X)
15. A north pole and a south pole are like poles.		(X)
16. Cobalt can be made into a magnet.	(X)	
17. Manganese is a non-magnetic substance.	(√)	
18. Most of the magnetic force in a magnet is near the poles.		(√)
19. A south pole will attract a north pole.		()
20. Two magnets freely suspended will swing away from each other		
when they are brought close together.		(X)
B. Choose the correct answer:		
1.Iof selling my car. Would you be interested in buying i	t?	
a.Thinking b.think c. <u>am thinking</u>		

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a. goes $0.$ go $c.$ wen	a. goes	b. go	c. <u>went</u>
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3.Cover about 40 km means c.a distance of a.long way b.possible to travel 4.within commuting distancemeans..... c.possible to travel a.long way b.a distance of 5.She never.....to Alex. b.doesn't go a. go c.goes 6.Far places mean a.long way b.so near c.distant 7.At such close range means c.distant b.so near a.long way 8.She **fell**and broke her arm. a. off b.out c.down 9.Can you help me......with these boots, please? b. in a.at c.off 10.Can you **reach** that book.....for me, please? You're taller than me. a. in b. out c.down 11.I reached for the light switch but couldn't find it in the dark b. <u>out</u> a. in c. down 12.Can you **help** me......with these boots, please? b. in a.at c.on 13.I'm just **popping** for a newspaper b.in a.at c.out 14.Move! I need to sit down a. up b. out c. over 15. Will you help me **blow** these balloons for the party? a. <u>up</u> b. out c. over 16.Could you **move** and let Christine sit next to you? b. out a. <u>up</u> c. over 17.I have a bad leg.I don't want to **slow** you....., so go ahead and don't wait for me. b. out a. <u>up</u> c. over

18.Slow! There's a police car behind us. a. in b. out c. down 19.I must wrapStella's birthday present. Do you have any nice paper? b. out c. over a. <u>up</u> 20.Can you help me to **tie** this package? 1 don't want it to get damaged in the post. b. out c. over a. <u>up</u> 21.Could you **pick** that box and follow me, please? b. out a. <u>up</u> c. over 22.He felt very angry and **tore** her letter..... b. out c. over a. <u>up</u> 23.I can't understand why he.....so selfish. He never thinks about other people. a. Being b.Is being c.Is 24.-The window was open and a bird.....into the room. a.is flying b. fly c.flew 25.Kite......you should sell your car. You don't use it very often. a. think b. is thinking c.thinks 26.I can't understand why he.....so selfish. He isn't usually like that. a. Is b. being c.is being 27.Tom is never satisfied. He's always..... b. Complains c.Complaining. a. Complain 28.Rachel alwaysat the Park Hotel when she's in London. b. is staying a.<u>Stays</u> c. staying 29.I....abroad last year. a.wasn't b.didn't c.isn't 30.Light from the sun..... practically inexhaustible and..... available everywhere. a.is b. are c. is being 31.Using sunlight as a source of energyconsiderable advantages a.offers b. offer c. offered 32. Each layerChemically treated to produce what....known as a p-type layer and n-type layer. b. are c. is being a.is 33.until the present lime they have generally been used to charge batteries a.<u>Up</u> b. Out c. In

34. The windows are dirty. They need..... a. cleaning b. clean c. to clean. 35. The children helped me to the parcel. c.tear up b.blow up a.wrap up 36. The workshop will be out of use two days because it's being repainted. a. off b.for c. in 37. It is very important to arrive at the meeting..... time. c. for a. In b. on 38.English is..... all over the world. b. spoken c. spoke a- speak **III: Reading comprehension**

C-<u>Answer the following questions :</u>

1- Light from the sun is practically inexhaustible and is available everywhere. 2-Photovoltic cells

D- <u>Choose the correct answer :</u>

- 4- By joining many solar cells together we can build.....b- solar panel
- 5- Solar cells are made of.....
- c- Silicon

6- The region where a p-type layer and n-type layer join is known as a.....

b- p-n junction