

ARAB REPUBLIC OF EGYPT  
MINISTRY OF EDUCATION  
Technical Secondary Schools of Industry Diploma Examination  
(3-year course) First Session 2014

English Language

Time : 2 ½ Hours

لغة إنجليزية ————— اليوم تقوى عندها مشترك مع التقويم والكرتيد المزاج هناك هذا الأسماء ( (الزائد و استحقاق - الملائكة بيت امر نظام قيم ) الثوب الأول 2014

\*\* أسئلة هذه المادة في صفتين \*\*

**A-Language Functions**

**1- Supply the missing parts in the following dialogue:**

Rehab and Hanan work in the same office. While they were talking, a new employee walked into the office. She introduced herself as Zeinab.

Rehab : I am very happy! I've passed my driving test.

Hanan : .....(1).....!

Rehab : Thanks, Hanan.

Hanan : You're welcome. But last month I failed my driving test.

Rehab : .....(2).....

Hanan : Thanks. I'll try again next year. (A new employee walks into the office)

Rehab : Hello! I don't know you. Are you a new employee?

Employee : .....(3).....

Rehab : Pleased to meet you Zeinab.

Hanan : Welcome, Zeinab.

**B-Vocabulary and Structures**

**2) Choose the correct word (s) in brackets:**

- 1- A thermostat prevents a room ..... too hot or too cold.  
a) from becoming      b) to become      c) becomes      d) become
- 2- Waleed is a technician. He ..... two craftsmen and three operators.  
a) reports to      b) supervises      c) works as      d) operates
- 3- The temperature of the sea .....from 15 to 13 last month.  
a) increased      b) resisted      c) decreased      d) emitted
- 4- Azza has never worked before, but she has a technician's diploma. She is therefore ..... for her new job.  
a) experienced      b) innovative      c) qualified      d) constructive
- 5- The woman picked up her glasses from the table and put .....  
a) them on      b) them      c) on it      d) on them
- 6- A solar panel is a device ..... for converting sun light into electrical power.  
a) which used      b) that is used      c) which uses      d) that is using
- 7- Soft drinks ..... in the school canteen every day.  
a) should serve      b) has to serve      c) ought to serve      d) should be served
- 8- The main function of a car battery is to ..... enough electricity to start a car.  
a) accelerate      b) operate      c) conduct      d) generate

**3-Match one part from (A) with a part from (B):**

A	B
1) The purpose of a loud speaker is	a) a hard, non malleable material.
2) A fire extinguisher is	b) can act as a conductor of electric current.
3) The metal body of a torch	c) a device that puts out fires.
4) Ceramic is	d) to amplify the sound.

بقية الأسئلة في ظهر الورقة

**4-Rewrite the following sentences, using the word(s) in brackets to give the same meaning:**

1. I don't know how to act. So, I am not a famous film star. [If I]
2. Don't enter the site before you put on your helmet. [without]
3. She said to me, "I went shopping yesterday." [She told]
4. A car is more expensive than a bicycle. [as ---- as]

**C- Reading Comprehension****5- Read the following passage then answer the questions below:**

A water heater consists of a number of parts. The steel water tank is lined with a layer of insulation. This is made of a material which has low heat conductivity. The thermostat, mounted on the side of a tank, adjusts and controls the water temperature. The relief valve is an important safety device which prevents the water tank from exploding if the pressure of hot water becomes too great.

The drain valve, located near the bottom of the tank, can be used for emptying the tank. This needs to be done before replacing the elements or moving the tank. Finally, the anode rod, inside the tank makes the tank become more rust resistant. Cold water enters via the inlet pipe, and remains at the bottom of the tank due to its great density. The element heats it and causes it to rise to the top of the tank.

**A: Answer the following questions:**

1. What has to be done first in order to put in a new element?
2. What is the water tank lined with?
3. Why is the relief valve important?

**B: Choose the right answer from a, b, c or d:**

4. Which part prevents the tank from corroding?  
a) Heating element    b) Anode rod    c) Insulation    d) Thermostat
5. The function of the thermostat is to .....  
a) fill the tank    b) prevent the tank    c) adjust and control the temperature    d) remove the rust
6. When cold water enters, the element ..... it.  
a) condenses    b) evaporates    c) melts    d) heats
7. Cold water enters via .....  
a) the inlet pipe    b) the density    c) the top of the tank    d) the empty tank

**D- Terminology****6-Fill in the spaces with words from the list below:**

(sensor – malleable – brittleness – flexible – positive – plastic foam)

1. Huda is very ..... So, it is easy to persuade her to change her mind about things.
2. This component must be made out of a material that is ..... so that we can shape it by hammering.
3. The windsurf board is made of ..... which is impossible to sink.
4. This glass breaks too easily. Its ..... makes it unsuitable for us.
5. A ..... is a device that detects physical changes.

**E- Writing****7) Write a paragraph of five sentences on:**

A device you have at home or at your school.

**You may use the following:**

(The name of the device – the purpose of your device – the name of the main parts of the device – how the device is operated)

**F- Translation****8) a) Translate into Arabic:**

To become a technician, you must be well-trained.

**b) Translate into English:**

للحصول على وظيفة جيدة عليك اكتساب المهارات اللازمة.

انتهت الأسئلة

إعداد / تامر الكوفي

**Model Answers**    ماده ٥ ث ص    دور اول ٢٠١٤

**1. Supply the missing parts in the following dialogue: (3 X1 = 3 Marks)**

1. Congratulations.
2. Don't worry and try again (any reasonable answer)
3. Yes, I am.

**2. Choose the correct word (s) in brackets: (1X8 = 8 Marks)**

1. from becoming	2. supervises	3. decreased	4. qualified
5. them on	6. that is used	7. should be served	8. generate

**3. Match: (1X4 = 4 Marks)**

1. d
2. c
3. b
4. A

**4. Rewrite the following sentences using the words in brackets: (1X4 = 4 Marks)**

1. If I knew how to act, I would be a famous film star.
2. Don't enter the site without putting on your helmet.
3. She told me that she had gone shopping the day before.
4. A car is not as cheap as a bicycle.

OR

A bicycle is not as expensive as a car.

**5. C) Reading Comprehension (1X7 = 7 Marks)**

- 1) The drain valve can be used for emptying its tank.
- 2) It is lined with a layer of insulation.
- 3) It prevents the water tank from exploding .
- 4) Anode rod
- 5) adjusts and controls the water temperature.
- 6) heats
- 7) the inlet pipe

**D- Terminology**

(1X5 = 5 Marks)

1. flexible
2. malleable
3. plastic foam
4. brittleness
5. sensor

**E- Composition**

SS have to provide correct spelling, structure and proper ideas. (5 Marks)

**F- Translation**

**8) A") Translate into Arabic: (3 Marks)**

لكي تصبح فنيا عليك أن تكون مدربا جيدا.

**B) Translate into English: (1 Mark)**

to get a good job, you must acquire the necessary skills.

[Total Marks 40]

# امتحان ٢٠١٥ الدور الاول

ث من (٠.١)

ARAB REPUBLIC OF EGYPT

MINISTRY OF EDUCATION

Technical Secondary Schools of Industry Diploma Examination

(3-year course) First Session 2015

English Language

Time : 2 ½ Hours

اللغة الانجليزية (إنجليزي) جميع تخصصات الثانوي الصناعي و التعليم والتدريب المزدوج صناعي عدا تلك صيد الأسماك من لثانوي الصناعي فتر الاول 2015

**\*\* أسئلة هذه المادة في صفتين \*\***

## A-Language Functions

### 1- Supply the missing parts in the following dialogue:

An engineer asked Anas about his job and his career plans.

Engineer: .....(1).....?

Anas : I'm a junior technician.

Engineer: Are you studying for your diploma?

Anas : .....(2)..... My diploma exams are next week .

Engineer: Good luck with your exams. ....(3).....?

Anas : After getting my diploma, I'm going to study for an engineering degree .

## B-Vocabulary and Structure

### 2-Choose the correct answer from a, b, c or d:

1-The hulls of boats are often made of fiberglass because it can't be .....easily.

a-break b-broke ~~c-broken~~ d- breaking

2- The .....is made of plastic foam which is impossible to sink.

a-sail ~~b-windsurf board~~ c-mast d-boom

3-We are very tired. Why.....finish this work tomorrow?

a-we don't b-should we c- we shouldn't ~~d-don't we~~

4-The air bag protects the face and the body in a .....

a-flash ~~b-crash~~ c-wrench d-part

5-While ..... the house work , someone knocked at the door.

a-did b- the doing c- has done ~~d-doing~~

6- You place sensors on the car to measure the ..... of the car as it crashes.

a-form b-shape ~~c-speed~~ d-height

7-Hey! Be careful! You've ..... coffee on my skirt.

a-spill ~~b-spilled~~ c-spilling d-not spilled

8-A fire extinguisher is a ..... used for putting out fires.

~~a-device~~ b-instrument c-tool d-vehicle

### 3-Match one part from (A) with a part from (B):

A	B
1) Copper is normally used for	a) acts as a compressor.
2) The causes of changing the fertile land into desert are	b) cuts wood quickly. <del>c)</del>
3) The pump at the back of the refrigerator	c) making wires because it is easy to stretch and difficult to break.
4) The electric saw	d) the high temperatures and low rainfall.

بقية الأسئلة في ظهر الورقة



**4-Rewrite the following sentences, using the word(s) in brackets to give the same meaning:**

- 1-The purpose of the fans is to push the jet pack up in the air. (for)
- 2-You must work hard to be an engineer. (If)
- 3-The government sets up many new projects to raise the standard of living. (Many new projects .....)
- 4-The student has a lot of intelligence. (intelligent)

**C-Reading Comprehension**

**5-Read the following passage, then answer the questions below:**

A helicopter consists of the following main parts: main rotor and drive shaft tail rotor, tail boom, cockpit, landing skids and a body which contains the engine, fuel and other components.

The function of the drive shaft is to spin the main rotor. The main rotor has two main functions: one is to make the helicopter move up and down, the other is to control the direction of the aircraft. For this reason, it has to be very strong and highly adjustable. The tail rotor acts as a thruster: it forces the helicopter to move forwards, like the propeller of an aeroplane. The tail boom supports the tail rotor. The landing skids allow the helicopter to land smoothly and protect the main body. The pilot and passengers sit in the cockpit. This has special windows made of Perspex, which is a tough, transparent material.

**A)Answer the following questions:**

- 1-Mention two properties of the main rotor.
- 2-Which part acts as a protector of the main body?
- 3-Why do you think that toughness is an important property for the cockpit windows?

**B)Choose the answer from a,b,c or d:**

- 4-What does the underlined word " other " refer to?  
a-helicopter      b-main rotor      c- tail rotor      d-function
- 5-The drive shaft helps to .....the main rotor.  
a-spin      b-move up      c-protect      d-land
- 6-The .....helps the helicopter to move forward.  
a-tail boom      b-tail rotor      c-main rotor      d-cockpit
- 7-The .....is the place where the pilot sits.  
a-tailboom      b-drive shaft      c-cockpit      d-landing skids

**D-Terminology**

**6-Fill in the spaces with words from the list:**

antenna – lift – condolences – left – canals – tensile

- 1-The ropes on a sailing boat must have great.....strength. They will not stretch when they are pulled.
- 2-Engineers built ..... which allowed water to flow through the land.
- 3-The function of an ..... is to transmit and receive radio waves.
- 4-You should bend your knee when you ..... a load so as not to strain your back.
- 5-Uncle Samir passed away. We truly missed him. My ..... to the family.

**E-Writing**

**7-Write a short paragraph of five sentences on "The safety rules":**

You may use the following guiding words:

helmet – boots – gloves – breaking – put on – before – building site – bottles – without – using chemicals – wash – after .

**F-Translation**

**8- a-Translate into Arabic:**

Operators must check the ground before starting a crane.

**b-Translate into English:**

يجب عليك ارتداء جواربك قبل استخدام المواد الكيميائية.

انتهت الأسئلة

## نموذج اجابة الدور الاول ٢٠١٥

### اجابة السؤال الاول

- 1- what's your job .
- 2- Yes , I am
- 3- What are you going to do after getting your diploma

### اجابة السؤال الثاني

- 1- a      2-b      3- d      4- b      5- d      6- c      7- b      8- a

### اجابة السؤال الثالث ( التوصيل )

- 1-c      2-d      3- a      4-b

### اجابة السؤال الرابع

- 1- The fan is for pushing the Jet pack up in the air.
- 2- You must work hard if you want to be an engineer .
- 3- Many new projects are set up to raise the standard of living.
- 4- The student is intelligent .

### اجابة السؤال الخامس

- A – 1- It moves the helicopter more up and down .  
It controls the direction of the air craft  
2- The skids  
3- To protect the pilot and passengers

B:

- 4-d      5- a      6- d      7- c

### اجابة السؤال السادس

- 1- Tensile      2- canals      3- Antenna      4- lift      5- condolences

### اجابة السؤال السابع

The helmet, boots and gloves are for yours safety. You shouldn't break the safety rules . you should wear them before entering the building site . don't open chemical bottles with out wearing your gloves. You should wash your hands after using chemicals.

### اجابة السؤال الثامن

يجب على عمال الونش فحص الارض قبل تشغيل الونش

You should wear gloves before using chemicals



ث. ص (٥٠١)

ARAB REPUBLIC OF EGYPT  
MINISTRY OF EDUCATION & TECHNICAL EDUCATION  
Technical Secondary Schools of Industry Diploma Examination  
(3-year course) First Session 2016

English Language

Time : 2 ½ Hours

الدور الأول 2016

دبلوم ثانوي صناعي مشترك مع التظيم والتدريب المزدوج الصناعي عا لك صيد الأسماك من الثانوي الصناعي

اللغة الأجنبية (الانجليزية)

\*\*\* أسئلة هذه المادة في صفتين \*\*\*

**A- Language Functions**

**1) Supply The missing parts in the following dialogue :**

**Ali and Ahmed are talking about a windsurf board before going windsurfing .**

Ali : This is my windsurf board , Do you like it ?

Ahmed : Yes . Wonderful ! ..... ( 1 ) .....?

Ali : It is made of plastic foam , and it is covered with fiberglass .

Ahmed : ..... (2) .....?

Ali : Because plastic foam is light and buoyant .

Ahmed : Why is it covered with fiberglass ?

Ali : ..... (3) ..... hard .

**B-Vocabulary and Structure**

**2-Choose the correct answer from a,b,c or d :**

- 1- Don't touch the wire..... the electric current is off .  
a) except                      b) unless                      c) without                      d) if
- 2- Heat causes metals to .....  
a) contract                      b) freeze                      c) protect                      d ) expand
- 3- Do we all agree ..... start the project next week ?  
a) from                      b) to                      c) with                      d ) for
- 4- Hany has adequate ..... skill .  
a) destructive                      b) administrative                      c) addictive                      d) negative
- 5- The man picked up his glasses from the table and put .....  
a) on                      b) them on                      c) them                      d) on them
- 6- An electric lamp is an appliance which ..... electric current into light .  
a) directs                      b) converts                      c) focuses                      d) generates
- 7- To take a good photograph with your camera , hold your breath while .....the button .  
a) pressing                      b) to press                      c) press                      d) pressed
- 8- It is ..... to check the brakes on your car before driving for long distance .  
a) bad                      b) funny                      c) sad                      d) important

**3-Match one part from (A) with a part from (B):**

(A)	(B)
1- Space shuttles	a- because it has tensile strength .
2- Seat belts are used	b- a device that can drive itself without a driver.
3- Nylon is often used for ropes	c- carry astronauts to a space station .
4- A robot is	d- to hold the drivers in their seats .

**4-Rewrite the following sentences using the word(s) in brackets to give the same meaning:**

- 1- A hammer is a tool . It is used for hammering nails ( which )
- 2- Batteries generate electrical current . ( used for )
- 3-This material resists water . ( water resistant )
- 4-Turn off the lamp first , and then remove the bulb . ( before )

بقية الأسئلة في ظهر الورقة

**C- Reading Comprehension****5-Read the following passage ,then answer the questions below:**

Global warming is one of the most important issues which threatens our world today . It is caused by the increase of the greenhouse gases in the earth's atmosphere . These gases are carbon dioxide (CO2) and methane . The climate change is due to the burning of fossil fuels , the destruction of tropical forests and the heat of sun .In Egypt , if the global temperature continues to rise, the sea water will expand , this may cause the Nile Delta to flood . More water in the soil will evaporate . This may cause the land to become desert . The sea will become hotter .This may cause coral reefs to bleach and to be destroyed . Some diseases , such as malaria , may increase . Countries and individuals should co-operate together to reduce the global warming by decreasing fuel and electricity , buying more food from local farmers and recycling paper and aluminium . finally, we should do our best to face any threat to our environment .

**A)Answer the following questions :**

- 1- What causes global warming ?
- 2- Mention the two greenhouse gases .
- 3- What will the main effects be on Egypt ? Mention only two .

**B) Choose the correct answer from a,b,c or d :**

- 4-Countries and individuals should co-operate to.....
  - a) use much fuel and electricity
  - b) use less fuel and electricity
  - c ) never use fuel and electricity
  - d) stop using fuel and electricity
- 5- Global warming may cause the land to become .....
  - a) forest
  - b) garden
  - c) desert
  - d) green area
- 6- Buying more food from local farmers will help ..... global warming
  - a) prevent
  - b) increase
  - c) support
  - d) reduce
- 7- Global warming may cause coral reefs to bleach and to be .....
  - a) grown
  - b) destroyed
  - c) coloured
  - d) formed

**D- Terminology ( Resource Book )****6- Fill in the spaces with words from the list :**

( corrosion – pollution –appliance – life jacket – properties - vacuum )

- 1- All metals have different .....
- 2- A..... is used for saving a swimmer from drowning in the water .
- 3- A..... cleaner is a useful domestic appliance .
- 4- There is a lot of ..... in the air in this industrial area .
- 5- Copper and aluminium can resist .....

**E- Writing****7-Write a short paragraph of five sentences on" A thermostat" :**

**You may use the following guiding words :**

Thermostat- device / works – automatically / used – air condition – system /  
switch on – off / great – useful - invention .

**F-Translation****8-A)Translate into Arabic :**

A Fire extinguisher is a device used for putting out fires .

**B)Translate into English :**

للحصول على وظيفة جيدة عليك اكتساب المهارات اللازمة.

انتهت الأسئلة



## نموذج اجابة الدور الاول ٢٠١٦

### اجابة السؤال الاول

- 1- What is it made of .
- 2- Why is it made of plastic foam
- 3- Because it is

### اجابة السؤال الثاني

- 1- b      2- d      3- b      4- b      5- d      6- b      7- a      8- d

### اجابة السؤال الثالث (التوصيل)

- 1- c      2- d      3- a      4- b

### اجابة السؤال الرابع

- 1- A hammer is a tool which used for hammering nails.
- 2- Batteries are used for generating electrical current .
- 3- This material is water resistant.
- 4- Turn off the lamp before removing the bulb .

AHMED NASSER

### اجابة السؤال الخامس

A

- 1- It is caused by the increase of the Green House gases.
  - 2- CO<sub>2</sub> and methane.
  - 3- It may cause the Nile delta to flood.
- It may cause the coral reefs to bleach and to be destroyed.

B:

- 4- b      5- c      6- b      7- b

### اجابة السؤال السادس

- 1- Properties    2- lifejacket    3- vacuum    4- pollution    5- corrosion

### اجابة السؤال السابع

A thermostat's advice . It works automatically. It is used in air condition systems. It is used to switch on and off the current. It is a great useful invention.

### اجابة السؤال الثامن

(A) إن طفاية الحريق هي جهاز يستخدم لإطفاء الحرائق

To get a good job, you should have the needed skills. (B)

ث. ص (501)

ARAB REPUBLIC OF EGYPT  
MINISTRY OF EDUCATION & TECHNICAL EDUCATION  
Technical Secondary Schools of Industry Diploma Examination  
(3-year course) First Session 2017

الدور الأول 2017  
Time : 2 ½ Hours

اللغة الأجنبية إنجليزي  
جميع التخصصات والثانوي الصناعي  
والتعليم والتدريب المزدوج عدا تلك صيد الأسماك من الثانوي الصناعي

\*\* أسئلة هذه المادة في صفتين \*\*

A-Language Functions

1-Supply the missing parts in the following dialogue

Hany is showing Samy how to operate the computer.

Hany : How do you play the computer?

Samy : ..... ( 1 ) .....

Hany : Where is the power button ?

Samy : ..... ( 2 ) .....

Hany : I see it on the top right part of the keyboard .

..... ( 3 ) .....

Samy : Yes, you can use my computer .

B-Vocabulary & Structures

2-Choose the correct answer from a, b, c or d:

1-Copper stretches but it doesn't break, it has .....when you pull it .

- a) tensile strength    b) compressive strength    c) malleability    d) ductility

2-Your car's tyre pressures .....to be checked well.

- a) must    b) can    c) have    d) should

3-Mona is .....engineer ,she thinks of clever ideas for inventions.

- a) an attentive    b) an inflexible    c) a malleable    d) an innovative

4-The New Valley is a place .....the desert has changed into green farms.

- a) where    b) when    c) which    d) what

5-When the gas is cooled, it ..... into a liquid.

- a) expands    b) condenses    c) evaporates    d) contracts

6-An amplifier is .....that increases the strength of an electrical signal .

- a) a tool    b) a vehicle    c) a device    d) an instrument

7-If I ..... cash, would you accept LE 850 ?

- a) pay    b) paid    c) paying    d) pays

8-Ceramic is hard ,durable material to .....heat and corrosion.

- a) resist    b) produce    c) measure    d) power

3- Match a part from (A) with a part from (B) :

(A)	(B)
1- to put together	a) results that has been discovered
2- hardness	b) the ability to ignite and burn easily
3- conclusion	c) to assemble
4- inflammability	d) the ability to resist cutting.

4-Rewrite the following sentences using the word (s) in brackets to give the same meaning:

1- Turn off the lamp before removing the bulb.

( Don't - without )

2- It is essential to inspect the engine every 5,000 kilometers.

( must )

3- A spirit level is an instrument that people use for making horizontal lines.

( which-used )

4- You have to carry these two ladders.

( have to be )

باقي الأسئلة في ظهر الورقة

**C- Reading Comprehension****5-Read the following passage then answer the questions below:**

A helicopter consists of main rotor and drive shaft, tail rotor, tail boom, cockpit, landing skids and a body which contains the engine fuel and other components. The function of the drive shaft is to spin the main rotor. The main rotor has two main functions: one is to make the helicopter move up and down, the other is to control the direction of the aircraft. For this reason, it has to be very strong and highly adjustable. The tail rotor acts as a thruster it forces the helicopter to move forwards, like the propeller of an airplane. The tail boom supports the tail rotor. The landing skids allow the helicopter to land smoothly, and protect the main body. The pilot and passengers sit in the cockpit. It has special windows made of Perspex, which is tough, transparent material.

**A) Answer the following questions:**

- 1- What causes the helicopter to increase and decrease its height?
- 2- What are the main parts of the helicopter?
- 3- How does the tail rotor act as a thruster?
- 4- Which part acts as a supporter of the tail rotor?

**B) Choose the correct answer from a, b, c or d:**

- 5- The pilot sits in.....  
a) cushion      ~~b) cockpit~~      c) thermostat      d) window
- 6-.....controls the direction of the aircraft.  
a) The driver shaft      b) The main rotor      c) The engine      d) Perspex
- 7- Perspex is a strong transparent .....used instead of glass.  
a) plastic      b) iron      ~~c) material~~      d) copper

**D-Terminology****6-Fill in the space with words from the list :**

( flowing - powered - brakes - communicates - push )

- 1- Samer .....his ideas well in speaking and writing.
- 2- An air - .....car is driven by two cylinder compressed air engine.
- 3- The fans are used to.....the jet pack up in the air .
- 4- The dam prevents the river from ....down the mountain .
- 5- The ....of your car must be tested when you drive through water.

**E-Writing****7-Write a short paragraph of five sentences on " Safety rules used in a building site "****You can use the following :**

follow -safety rules/ entering -site put on -helmet/ safety boots- protect -feet/ safety goggles -prevent  
injuring -eyes / gloves -using chemicals/ wash -hands -using -chemicals/

**F- Translation****8- a-Translate into Arabic :**

It is easy to repair the electronic equipment.

**b-Translate into English :**

لكي تحصل على وظيفة جيدة يجب ان تكتسب المهارات اللازمة.

انتهت الأسئلة



2017

Date: \_\_\_\_\_

No: \_\_\_\_\_

AHMED NASSER

[1]

- 1- you should press the power button.
- 2- It's over there.  
It's on the top right part of the keyboard.
- 3- Can I use your computer?

[2]

- 1- c      2- a      3- d      4- a
- 5- b      6- c      7- b      8- a

[3]

- 1- c      2- d      3- a      4- b

[4]

- 1- Don't remove the bulb without turning off the lamp.
- 2- you must inspect the engine every 5000 km
- 3- A spirit level is an instrument which is used for making horizontal lines.
- 4- These two ladders have to be carried.

5]

1- main rotor

2- A helicopter consists of main rotor and drive shaft, tail rotor, tail boom, cockpit, landing skids and body which contains the engine fuel and other components.

3- It forces the helicopter to move forwards like the propeller of an airplane.

4- the tail boom.

5- b

6- a

7- c

6]

1- communicates

2- powdered

3- push

4- flowing

5- brakes

a- من أهل المذبح العجزة الإلكترونية [8]



b- To get a good job, you should have inquired skills.

تم بحمد الله



ث. ص (501)

٤٢

ARAB REPUBLIC OF EGYPT  
MINISTRY OF EDUCATION & TECHNICAL EDUCATION  
Technical Secondary Schools of Industry Diploma Examination  
(3-year course) First Session 2018

الدور الأول 2018

جميع التخصصات والثانوي الصناعي  
والتعلم والتدريب المزدوج الصناعي / تخصص تك صيد الأسماك من الثانوي الصناعي

اللغة الأجنبية (إنجليزي)

Time : 2 ½ Hours

**\*\* أسئلة هذه المادة في صفتين \*\***

**A-Language Functions**

**1-Supply the missing parts in the following dialogue :**

Mona and Sara are talking about a windsurf board before going windsurfing

Mona : Hello Sara! pleased to meet you .

Sara : Hello Mona! pleased to meet you too .What is this?

Mona : This is my windsurf board .

Sara : Wonderful ! .....(1).....?

Mona : It is made of plastic foam , and it is covered with fiberglass .

Sara : .....(2).....?

Mona : Because plastic foam is light and buoyant .

Sara : Why is It covered with fiberglass ?

Mona : .....(3).....hard .

**B-Vocabulary & Structures**

**2-Choose the correct answer from a, b, c or d:-**

1-He is my best student. He has a lot of .....

a-intelligence b- intelligent c- disadvantages d-problems

2-Copper is normally used for making wires because it is easy to..... but it is difficult to break .

a- stretches b- stretched c- stretch d- stretching

3-The fire extinguisher will prevent the fire.....spreading .

a- for b- by c- from d- to

4-Put on your safety helmet before ..... this building side .

a- entering b- entry c- entered d- enters

5-Heat causes metal to .....

a-contract b- freeze c- protect d - expand

6-It is ..... to check the brakes on your car before driving for long distance .

a-bad b- funny c-sad d- important

7-..... he sends the machine on time , the company will pay him at once .

a-If b- Unless c- In case d- In case.

8- Put on your boat so as to ..... your feet from falling objects .

a-destroy b- cut c- protect d-break

**3- Match one part from (A) with a part from (B) :**

(A)	(B)
1- The causes of changing the fertile land into derest are	a) because it has tensile strength .
2- Rubber	b) is difficult to bend .
3- Nylon is often used for ropes	c) is a very flexible material .
4- Steel	d) the high temperatures and low rainfall.

**4-Rewrite the following sentences, using the word (s)in brackets to give the same meaning:**

1-Batteries generate electrical current .

(used for )

2-This material resists water .

( water resistant )

3-The train is faster than the bus .

( as .....as )

4-Turn off the lamb first , and then remove the bulb .

( before )

باقي الأسئلة في ظهر الورقة



**C- Reading Comprehension****5-Read the following passage then answer the questions below:**

One of the most important issues which threatens our world today is Global warming . Countries and individuals should co-operate together to reduce it .The global warming is caused by the increase of the greenhouse gases in the earth's atmosphere . These gases are carbon dioxide (CO<sub>2</sub>) and methane . The climate change is due to the burning of fossil fuels , the destruction of tropical forests and the heat of sun .In Egypt , if the global temperature continues to rise, the sea water will expand . this may cause the Nile Delta to flood . More water in the soil will evaporate . This may cause the land to become desert . The sea will become hotter .This may cause coral reefs to bleach and to be destroyed . Some diseases , such as malaria , may increase. Countries and individuals should work together on decreasing fuel and electricity , buying more food from local farmers and recycling paper and aluminum . finally we should do our best to face any threat to our environment .

**A) Answer the following questions:**

- 1- What causes the global warming ?
- 2- Mention the two greenhouse gases .
- 3- What would be the main effects on Egypt ? Mention only two

**B) Choose the correct answer from a, b, c or d:**

- 4-Countries and individuals should work together on.....
  - a) use much fuel and electricity
  - b) use less fuel and electricity
  - c) never use fuel and electricity
  - d) stop using fuel and electricity
- 5-The global warning may cause the land to become .....
  - a) forests
  - b) gardens
  - c) desert
  - d) green areas
- 6- Buying more food from local farmers will help ..... global warming
  - a)Preventing
  - b) increasing
  - c) supporting
  - d) reducing
- 7- Global warming may cause coral reefs to bleach and to be .....
  - a) grown
  - b) destroyed
  - c) coloured
  - d) formed

**D-Terminology ( Resource Book )****6-Fill in the spaces with words from the list :**

( seatbelt - spilled - appliance - vehicle - life jacket - properties )

- 1-Be careful you've ..... coffee on my dress .
- 2-A vacuum cleaner is a very common electrical ..... which is found in almost every home .
- 3-A..... is used for saving a swimmer from sinking in the water .
- 4-All metals have different .....
- 5-All modern cars should have ..... in order to hold the drivers and passengers in their seats in a crash .

**E-Writing****7-Write a short paragraph of five sentences on" A bicycle crash helmet "**

A bicycle crash helmet - consist of - rear vent -adjuster / shell - protect -injury / Buckle - fastened - easily / adjuster - allows - tightened - loosened / the function - helmet - accident .

**F- Translation****8- a-Translate into Arabic :**

You must wash your hands after using the chemical substances .

**b-Translate into English :**

للعلم والمعرفة اثر كبير في حياة الانسان وتطوره.

انتهت الأسئلة



## اسئلة هذه المادة هي صفحتين

## A-Vocabulary and Structure

## 1-Choose the correct answer in brackets :

- 1- The building is five times ..... a house .  
a) higher as b) high than c) as high as d) as high than
- 2- An electric lamp is an appliance which ..... electric current into light .  
a) directs b) converts c) focuses d) generates
- 3- Put on your safety helmet before ..... this building site .  
a) entering b) entry c) entered d) enters
- 4- If she reads the lesson carefully ,she ..... Understand it .  
a) will b) might c) could d) would
- 5- It is ..... to check the brakes on your car before driving for long distance .  
a) bad b) funny c) important d) useless
- 6- The fiberglass is very ..... It can't be broken easily  
a) tough b) soft c) flexible d) light
- 7- When the gas is cooled, it ..... Into a liquid .  
a) expands b) condenses c) evaporates d) contracts
- 8- Ali put on his new hat , looked at himself at the mirror , and then quickly took ..... again .  
a) it b) it off c) off d) off it
- 9- Most screws are made of stainless steal because of its.....  
a) lightness b) hardness c) heaviness d) toughness
- 10- Put on your boot .....protect your feet from falling objects .  
a) so that b) due to c) because d) so as to

## B-Language Functions:

## 2-Supply the missing parts in the following dialogue:

Ahmed is talking with his boss about some reports .

Boss : Good morning , Ahmed . I 'v read your reports on the new project

Ahmed : Good morning , Sir . ..... ( 1 ) .....

Boss : I think your reports are excellent . But I have only one criticism on the Second report .

Ahmed : What is your criticism ?

Boss : ..... ( 2 ) .....

Ahmed : ..... ( 3 ) .....

Boss : Yes , of course . I advise you to use more graphs and less words .

Ahmed : Thank you for your advice .

## C- Reading Comprehension

## 3-Read the following passage and answer the questions below :

Have you imagined the intelligent house of the future . You don't need to have a key to unlock its door . Just press a button on a pad . Inside the pad there is a sensor and a tiny chip . The sensor reads your fingerprint and changes it into a signal. The chip is a radio transceiver that sends the signal through the internet to your computer . If it identifies your fingerprint , it sends a radio signal to open the door for your visitors even when you are away . Inside the house there are many appliances such as lights , washing machines , hi-fi and air conditioner . These are connected to your computer by radio signals . In the future , you will be able to switch them on with your voice. For example , you can say , " lights-on " . If the sensor recognizes your voice , the lights will switch on . You can control your domestic appliances from anywhere in the world by using your mobile phone . But don't forget your password.

بقية الأسئلة في ظهر الورقة



**A-Answer the following question :-**

- 1-How can you operate the hi-fi in the future ?
- 2-What is the function of the chip ?
- 3- Do you think the idea of the intelligent house is good ? Why ? Why not ?

**B- Choose the correct answer from a ,b ,c or d :-**

- 4- The intelligent house saves.....  
a-time and money      b- sensor and chips      c- time and appliances      d- time and effort
- 5- To control your home appliances when you are in another country you should remember your .....  
a-computer      b- mobile      c- fingerprint      d- password
- 6-You can lock the house door when you are away by ..... a button .  
a-saying      b- passing      c- pressing      d- compressing
- 7 - If the sensor doesn't recognize your fingerprint , it will not change it into a .....  
a- signal      b- voice      c- noise      d- sound

**D- Terminology ( Resource Book )**

**4- Fill in the spaces with words from the list :**

( wires - flexible - smoke - transparency - resistant - plastic - unblock )

- 1-Rubber is a very ..... material .
- 2-You need to .....the pipe to allow the water to flow .
- 3- Glass has very good .....  
4- Copper is used for making .....  
5-There is a lot of ..... in the air in this industrial area .  
6- Aluminum is used for making the wings of airplanes because it is light and very ..... to rust and corrosion .

**E- Writing**

**5-Write a paragraph of about (60) words on Only One (1) of the following topics :**

**1- « A fish Aquarium »**

( You may use the following questions )

- What is A fish aquarium made of ?      Do you use a thermostat ?  
Why should you use a filter ?      How often do you check the temperature of the aquarium ?  
What is the function of the thermometer ?

**2- « A personal jet pack »**

( You may use the following points )

- Definition of jet pack ( vehicle - carrying person - through air )  
Purpose of jet pack ( travel quickly - avoid - traffic )  
Main parts ( two powerful fans, engine, controls )  
Function of parts ( fans thrust air down, propel - control direction and speed )

**D-Terminology**

**6-Match one part from (A) with a part from (B):**

A	B
1- The function of greenhouse gases.	a - and put away in their containers.
2- All tools should be picked up	b - because it has tensile strength .
3- The windsurf board floats on the sea.	c - is to prevent heat from escaping from earth into space .
4- Nylon is often used for ropes.	d - because it is made of foam, very buoyant, and can't sink .

**F-Translation**

**7- A- Translate into Arabic :**

- 1- To get a good job you have to acquire the necessary skills .
- 2- Science and knowledge have great effect on man's life and development .
- 3- You should wash your hands after using chemicals .

**B- Translate into English :**

(1) يجب ان نحافظ على نظافة البيئة وان نقلل من التلوث

(2) يجب علينا جميعا ان نتبع قواعد الامان عند قيادتنا لسياراتنا

انتهت الأسئلة



ث. ص (501)

ARAB REPUBLIC OF EGYPT  
MINISTRY OF EDUCATION & TECHNICAL EDUCATION  
Technical Secondary Schools of Industry Diploma Examination  
(3-year course) Second Session 2019

English Language

الدور الثاني 2019

جميع تخصصات الثانوي الصناعي  
التعليم والتدريب المزدوج الصناعي والاشارات بمدرسة النقل بورديان  
عدا تك صيد الأسماك من الثانوي الصناعي  
\*\* أسئلة هذه المادة في صفحتين \*\*

Time : 2 ½ Hours

اللغة الأجنبية (إنجليزي)

A. Vocabulary And Structure

1- Choose the correct answer from A, B, C or D

- 1-Glass.....bent.  
a-can b-can't be c-be d-are
- 2-A thermostat prevents a room from .....too hot or too cold.  
a- becoming b- become c-becomes d-became
- 3-If I work hard, I.....become an engineer.  
a-would b-wouldn't c-could d-will
- 4-The brakes .....not checked when the car was serviced.  
a-had b- were c-have d- are
- 5- A joystick is used to.....the jet pack.  
a-Controlling b- controls c-control d- controlled
- 6- A General Manager.....a whole company.  
a-fixes b- walks c- works d- runs
- 7-An amplifier is .....that increases the strength of an electrical signal.  
a-A tool b- a vehicle c-a device d-an instrument
- 8- The main function of a car battery is to.....enough electricity to start a car.  
a-generate b-operate c-conduct d-accelerate
- 9-The temperature of the sea.....from 17 to 15 during last month.  
a- increased b- resisted c- decreased d-emitted
- 10-A keyboard, a mouse, a monitor and a processor are the four main.....of a computer.  
a-panels b-modules c-sensors d-girders

B. Language Function

2- Supply the missing parts in the following dialogue :

Basem meets a foreign tourist in a street in Cairo .

Basem : Let me introduce myself. My name is Basem .

Tourist : .....(1)..... My name is Jack .

Basem : Where are you planning to go now ?

Tourist : I'm planning to go to the Pyramids .

Basem : It's a good idea .

Tourst : .....(2)..... ?

Basem : You can take a taxi .

Tourist : Would you like to come with me ?

Basem : .....(3).....

C. Reading Comprehension

3 - Read the following passage, then answer the questions bellow:

A helicopter consists of the following main parts: main rotor and drive shaft, tail rotor , tail boom, cockpit, landing skids and a body which contains the engine, fuel and other components .

The function of the drive shaft is to spin the main rotor. The main rotor has two main functions: one is to make the helicopter move up and down, the other is to control the direction of the aircraft. For this reason, it has to be very strong and highly adjustable. The tail rotor acts as a thruster: it forces the helicopter to move forwards. The tail boom supports the tail rotor. The landing skids allow the helicopter to land smoothly, and to protect the main body.

باقي الأسئلة في ظهر الورقة

إعداد / تامر الكوفي



The pilot and the passengers sit in the cockpit. This has special windows made of Perspex, which is a tough, transparent material.

**A) Choose the correct answer from a, b, c or d:**

- 1- .....causes the helicopter to increase and decrease its height .  
a-The drive shaft      b-The main rotor      c-The tail rotor      d-The tail boom
- 2- The main function of the tail rotor is to.....  
a- make the helicopter move up and down      b- steer the helicopter  
c- propel the helicopter forwards      d- be supported by the tail boom
- 3- The pilot and passengers sit in the.....  
a-cockpit      b-tail rotor      c-main rotor      d-drive shaft
- 4- The underlined word refer to the.....  
a-helicopter      b- function      c-main rotor      d-tail rotor

**B) Answer the following questions :**

- 5- Which part acts as a protector of the main rotor ?
- 6- What are the two properties of the main rotor ?
- 7- Why do you think that toughness is an important property for the cockpit windows ?

**D . Terminology (Resource Book)**

**4- Fill in the spaces with words from the list:**

( erosion – vehicle – refilled – air bag –supervisor –resistant – copper )

- 1- An electric car is a/an .....that is powered by electricity .
- 2- Fertile land can change into desert if there is too much.....by the wind .
- 3- I finished my drink ,but I was still thirsty, so I.....my glass
- 4- The purpose of.....is to inflate and prevent drivers from hitting the steering column in a car crash .
- 5- You must report immediately to your.....if you get injured at work .
- 6- Aluminium is used for making the wings of aeroplanes because it is light and very .....to rust and corrosion .

**E . Writing**

**5- Write a paragraph of about (60) words on ONLY ONE (1) of the following :**

**1- A technical description of a device in your home.** (You may use the following)

What is the name of the device ?/What is the definition and purpose of it ?/What's the name of the main parts of the device and its location? What's the function of each of the main parts?/How the device works?

**2- A Jet ski** (You may use the following)

Definition of jet ski (water craft ,powered by engine)/ Purpose of jet ski (carry rider ,high speed)/ Main parts and how they connected (steering cable , trigger -engine-drive shaft-impeller-handlebars-cable-nozzle-trigger-mounted-handlebars)/ Function of parts and how it on, engine ,turn ,shaft ,impeller ,rotate. high speed ,push, large amount of water, move handlebars ,left or right)

**6-Match one part from (A) with a part from (B) :**

A	B
1-The windsurf board is made of plastic foam	a)to amplify the sound .
2-Micrometer is	b)which is impossible to sink .
3-A plane is	c) a tool that is used to make wood smooth.
4-The purpose of a loudspeaker is	d) an instrument that measures very small dimensions

**F. Translation:**

**A - Translate into Arabic :**

- 1- Please keep all flammable substances away from flames or sparks .
- 2- Hany is very cooperative with his colleagues at work.
- 3- Ladders must be carried by at least two men .

**B- Translate one sentence only into English :**

1- يجب ان نحافظ على البيئة وان نقلل من التلوث . 2- يسعدني ان اخبرك انك نجحت في امتحان اللغة الانجليزية .

انتهت الأسئلة