



**(I) Text book:**

**A- Fill in the blanks with the proper terms from the list:-**

**(Beam – Consultant Engineer – Dam – Industrial wastes – Irrigation – Strain – Sanitary Engineering – Transportation Engineer)**

- 1- This firm needs advice on a new project. They're hiring a .....
- 2- This field deals with the disposal of wastes. It's called.....
- 3- The building didn't have enough horizontal support. The ..... weren't strong enough.
- 4- That part of the country is quite dry. An ..... system would make much of it usable for agriculture.
- 5- They want to control the flow of water in that river. They're going to build a.....
- 6- The weight has changed the shape of this iron bar. It has undergone a lot of .....
- 7- They're hiring a man to design an airport. He's a.....
- 8- The factories have made the river impure. It's full of.....

**B- Answer the following questions :**

- 1) What is the difference between a construction engineer and structural engineer?
- 2) Who is consultant engineer?
- 3) What are the specialties of civil engineering?
- 4) What is meant by: geotechnical engineer - Industrial wastes – hydrology - sewage?
- 5) What is plastic material?
- 6) Distinguish between a natural plastic and synthetic plastic.

**(II) Grammar and Structure:**

**Complete the sentence with prepositions: (onto – in – with – out –into – on – off)**

- 1) I can't get ..... the internet.
- 2) I've got a virus..... my computer.
- 3) I've been having problems getting ..... the personal database.
- 4) The file is..... the accounts folder..... the C drive.
- 5) What's wrong ..... my computer?
- 6) I'll have to reorder some new ink cartridges. We're..... of stock at the moment.
- 7) I think you should switch..... the power.
- 8) We've run..... of raw material.
- 9) I think we need to call..... an electrician.

### III- Reading Comprehension

#### Read the following passage then answer the questions:

Soon computer and other machines will be able to recognize you by looking at your eyes! The system works because everyone's eyes are different. So in the future you won't have to remember a number when you want to use a machine or take money out of a bank. You'll just have to look at the machines and it will be able to tell who you are. The eye recognition system is already being tested in shops and banks in the USA, BRITAIN, and SPAIN. Experts say that by 2020 eye- recognition will have replaced all other ways of telling who people are. However scientists are working on other system. Machines will be able to recognize you form the shape of face or hand or even your smell! We already have machines which can identify you from your voice or finger prints. In the USA you can now buy a gun which recognizes its owner's finger prints and only that person can fire it! But eye- recognition is better because your eyes don't change as you get older- and even **identical** twins have different eyes. So the systems can offer 100% accuracy.

#### A- Answer the following questions :

- 1- Why is eye recognition system perfect?
- 2- What are other systems of recognition?

#### B- Choose the correct answer :

1- In the future machines will identify you from.....

- a) Legs.                      b) Eyes.                      c) Skin.

2- The underlined word **identical** means.....

- a) Different.                      b) The like.                      c) Similar.

3- The best title for his passage is ..... system.

- a) Skin recognition.  
b) Eye recognition.  
c) Computer.

---

### IV- Writing a paragraph

#### Write a paragraph on only ONE of the following topics:-

1. Civil Engineering.
  2. Computers.
- 

*Good Luck*

## Model Answer:

### (I) Text book:

#### A- Fill in the blanks with the proper terms from the list:-

- 1) **Consultant Engineer**
- 2) **Sanitary Engineering**
- 3) **Beams.**
- 4) **Irrigation.**
- 5) **Dam.**
- 6) **Strain.**
- 7) **Transportation engineer.**
- 8) **Industrial wastes.**

#### B- Answer the following questions :

- 1) construction engineer a civil engineer who builds structures such as bridges, factories, and dams. structural engineer: a civil engineer who designs structures such as bridges, factories, and dams.
- 2) consultant engineer: an expert in a particular field of engineering whose function is to provide professional advice and services.
- 3) Civil engineering includes many specialties, such as construction engineering, structural engineering, hydrology, sanitary engineering, road building, and soil mechanics.
- 4) geotechnical engineer: an engineer who determines the properties and behavior of soil.  
industrial waste: material left over from industrial production Sanitary engineering deals with the disposal of industrial wastes.  
Hydrology: the branch of civil engineering that deals with problems of water supply and control.  
Sewage: waste matter usually disposed of by drains.
- 5) plastic material is a material which can be given shape by the use of pressure.
- 6) natural plastic include such things as waxes, used for water- proofing and and sealing bottles.  
Synthetic plastic or man-made plastic can be divided into two classes: thermosetting plastics, which, after they have been given a certain shape under heat, cannot be remoulded or melted again; and thermoplastic plastics, which can be melted and remoulded.

### (II) Grammar and Structure:

#### Complete the sentence with prepositions: (onto – in – with – out –into – on – off)

- 1) Into or into.
- 2) on.
- 3) onto.
- 4) in – on.
- 5) with.
- 6) out.
- 7) off.
- 8) out.
- 9) in.

### **III- Reading Comprehension**

#### **Answer the following questions:-**

1. Because everyone's eyes are different, and your eyes don't change as you get older- and even identical twins have different eyes.
2. from your voice and finger prints.

#### **B- Choose the correct answer :**

1. Skin.
2. The like.
3. Eye recognition.

### **IV- Writing a paragraph**

Writing is assessed by the examiner.