



The first question

A. Answer the following questions:

1- How does heat change a liquid into a gas?

.....

2- What is the effect of applying heat to a substance?

.....

3- What is the difference between cast iron and wrought iron?

.....

4- What developments led to the production of Aluminum at a low cost?

.....

5- What is the difference between luminous bodies and non-luminous bodies?

.....

6- Define: Melting – Alloy – Evaporation – Composite – Melting point.

.....

.....

B- Complete the sentences using these words :-

(a- familiar b – commonplace c– temperature d – heat)

7. In south India there are no extremes of

8. I'm not With cinema stars.

9. She is suffering from Stroke.

10. Travel by air has now become

C. Choose the correct answer:

1. The /l/ sound in "clapping" is.....

a) voiced b) voiceless c) diphthong d) semivowels

2. The / θ / sound in "bath" is.....

a) voiced b) voiceless c) diphthong d) semivowels

3. "s" in "watches" is pronounced as.....

a) /s/ b) /z/ c) /Is/ d) /Iz/

4. "s" in "Raises" is pronounced as.....

a) /s/ b) /z/ c) /Is/ d) /Iz/

5. The underlined letters in "Going" are pronounced.....

a) / ŋ / b) /j/ c) /f/ d) /tʃ/

6. The underlined letter in "paGes" are pronounced.....

a) /f/ b) /ʃ/ c) /dʒ/ d) /ʒ/

7. Not bad. I think your Englishslowly.

a) Improves b) is improving c) improving d) improved

8. Iyou should sell your car. You don't use it very often.

a) Thinks b) think c) am thinking d) Thinking

9. I can't understand why he.....so selfish. He isn't usually like that.

a) Is b) is being c) being d) are

10. Tom is never satisfied. He's always.....

- a) Complain b) Complains c) Complaining d) are complaining

11. My job involves Quality.

- a) Checks b) checking c) checked d) is checking

12. The window was open and a bird..... into the room.

- a) Flying b) flies c) flew d) fly

D. 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 from 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) A like.
 - c) Compatible.
- 3- The best title for his passage is system.
 - a) Skin recognition.
 - b) Eye recognition.
 - c) Computer.

Good Luck
Mai Moustafa Fahmy Khater

Model Answer

The first question

Answer the following questions:-

- 1) When its boiling points are reached or . There is first of all a steady rise in temperature and after that the liquid changes into a gas.
- 2) rise in temperature - melting - evaporation
- 3) Cast iron is cheap but brittle and unsuited for anything that had to undergo tension or bending. Wrought iron is a pure iron smelted from pure Swedish ores.
- 4) Cheap electricity become available.
- 5) luminous bodies: bodyies that give off light and non-luminous bodies: bodies that recieve light then reflect it.
- 6) Melting:changing solid into liquid.
 - Alloy:mixture of two or more metales
 - Evaporation: changing liquid into gas.
 - Composite : mixture of two or more chemical materials.
 - Melting point: a point at which solid changes into liquid.
- b- Complete the sentences using these words :- (a- familiar b – commonplace c– temperature d – heat)
7. In south India there are no extremes of temperature
- 8.I'm not familiar With cinema stars.
9. She is suffering from heat Stroke.
10. Travel by air has now become commonplace

II- Grammar and Vocabulary

A. Choose the correct answer;

Model answer

Choose the correct answer:

- 1.The /l/ sound in "clapping" is.....
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 - c)diphthong
 - d) semivowels
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III: Reading comprehension

A- Answer the following questions :

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

2- Photovoltaic cells

B- Choose the correct answer :

1- By joining many solar cells together we can build.....

a- solar panel

2- Solar cells are made of.....

c- Silicon

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

b- p-n junction

