

التَّارِيخُ: 2023/03/08

المُدَّة: 02 س

المستوى: 2 ع ت

المادَّة: الانجليزية

## اختبار الفصل الثاني

Geometry is literally everywhere, but many people do not recognize geometric shapes even when they are commonplace. For example, riding in a car will bring you in contact with a ton of geometric shapes. In fact geometry plays a significant role in maintaining traffic safety. A stop sign is critical to preventing cars from hitting one another when they come to corner. Upon closer examination, you can see a stop sign is simply a hexagon coloured white and red with the bold proclamation of the word STOP imprinted on it. While stop signs are clearly noticeable traffic lights are, of course, a little trickier to decipher as stop lights combine geometric shapes. The red, yellow and green lights are, of course circles and they are encased either horizontally or vertically in what is obviously a rectangle. Oh, and by the way, those wheels on the car are circles too.

Now, if you look out of the window of the car you can see a lot of buildings. Rectangles and squares are pretty difficult to avoid if you are looking at real estate. Of course, within these structures are a number of angles that create various triangles shapes. Then again, you don't have to wonder outside your own home to see geometric shapes. Your own room is made up of geometric shapes. The ceiling and the floor are often obviously squares or rectangles or similar structures.

### A/ COMPREHENSION /INTERPRETING: Read the text then do the activities

#### 1) Are the following sentences true or false? [2PTS]

- a- Many people don't pay attention to geometric shapes.
- b- In a car, you remark that there are no geometric shapes,
- c- Geometry is found while driving only.
- d- Geometrical shapes can avoid road accidents.

#### 2) Answer the questions according to the text [4pts]

- a- What is the importance of geometry while driving a car?
- b- Why are traffic lights more difficult to decipher?
- c- Are geometric shapes found while driving only?
- d- List the geometric shapes mentioned in the text?

3) What do the underlined words refer to in the text? A- they.....1§ b-it.....[1<sup>st</sup> §] c- [these structures.....[2<sup>nd</sup> §] [1pt]

4) In which is it mentioned that 'geometry is important in keeping traffic security'? [0,5]

5) Suggest a title to the text. [0,5]

## **B/TEXT EXPLORATION:**

### **1) Match the words with their definitions [1pt]**

1) Geometry	<b>a</b> -the way the parts of anything are arranged
2) Algebra	<b>b</b> -a method of counting using letters and signs
3) Structure	<b>c</b> -a branch of mathematics that deals with the study of lines, angles
4) science	<b>d</b> -Knowledge obtained by observation and experiment.

### **2) Form adjectives from the following nouns. [1pt]**

Algebra, expertise, observation, circle

### **3) Give the correct form of the verbs between brackets [2pts]**

**a**- If metal [to get] .....hot,it [to expand]...

**b**- What you [to do] .....if you [to miss] .....the exam of geography.

**c**- If you [not follow] .....the steps of the experiment, you [not succeed] .....

**d**- If the lines [to cross] ....., the opposite angles [to be] .....equal

### **4) Complete sentence 'b' so that it means the same as 'a'[1pt]**

**a**-The experiment includes observations.

**b**-observations.....

**a**-Scientists will test the hypothesis by doing the experiment.

**b**-The hypothesis.....

### **5) Fill in the gaps with the given words[1pt]**

Scientists, development, role, contributions

Muslim.....have played a significant.....in the history of science. There have been a hundred of notable muslim scientist who have made.....to civilizations and to society by furthering the..... of science in the high middle ages.

### **6) Circle or underline the stressed syllable [1pt]**

Geometric, technology, reality, solution

### **PART TWO Written Expression [5pts]**

**Choose one topic**

**Topic, one** writes a composition about the advantages and drawbacks of scientific inventions using the following notes

Advantages -less work for human -make life more enjoyable -faster to some jobs

Drawbacks -environment is polluted and damaged, -technology is used in wars [more weapons are created] , -people become lazy and don't work.

**Topic two** Imagine you are in a dilemma, write a letter to a friend ask for advice.

**GOOD LUCK**

**'ON THE DAY OF VICTORY, NO FATIGUE IS FELT'**