Cutch-up exam of English for Civil engineering

**Activity one**: circle the right answer(s). (8pts).

1- Civil engineering is:
   a- A discipline that deals with design.
   b- The art and science of designing and making buildings.
   c- The science of shaping and drawing.

2- Mathematics means:
   a- To learn.
   b- To know.
   c- To study.

3- Algebra is the study of:
   a- Numbers.
   b- Space.
   c- Shapes.

4- -2+3i is called:
   a- Real number.
   b- Natural number.
   c- Complex number.

5- Acute angle is:
   a- An angle equal to 90.
   b- An angle more than 90.
   c- An angle less than 90.

6- Concrete is composed of:
   a- Water.
   b- Asphalt.
   c- Water, cement and gravel.

7- Aggregates are:
   a- Cement.
   b- Sand, gravel.
   c- Water.
8- Buildings with concrete are resistant to:
   a- Fire.
   b- Floods.
   c- Earthquakes.

**Activity two**: give the names of these shapes and the definition of the words. (5pts).

![Shapes Diagram]

1- What is A? ...........................
2- Give a definition of A?
3- Give the name of B? ............... 
4- How many faces have B? .......... 

**Activity three**: give brief definition of the following words. (3pts).

- **Admixture**: ........................................................................................................................................
- **Civil engineer**: ....................................................................................................................................
- **Aggregate**: ........................................................................................................................................

**Activity four**: fill in the gaps with the appropriate words from the list. (4pts).

*Measurements, length, distances, science.*

Geometry originated as a practical ..........concerned with surveying, ............. , areas, and volumes. Among the notable accomplishments one finds formulas for ..........., areas, and volumes, such a Pythagorean theory and area of circle, area of a triangle, and volume of a cylinder, sphere, and a pyramid. A method of computing certain inaccessible heights and .............based on similarity of geometric figures is attributed to **Thales**.

*Good luck*

*Your teacher*
Correction of the cutch-up exam of English for Civil engineering

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**Activity two**: give the names of these shapes and the definition of the words. (5pts).

1- What is A? **A is a square.**

2- Give a definition of A? **2-A is square, it has 4 equal sides, and 4 right equal angles.**

3- Give the name of B? **B is square based pyramid.**

4- How many faces have B? **B has 5 faces.**

**Activity three**: give brief definition of the following words. (3pts).

   **Admixture**: in concrete, a substance other than aggregate, cement or water added in small quantity, normally less than 5% of the weight of the cement.

   **Civil engineer**: someone whose job is to plan and build public buildings, roads, bridges, etc.

   **Aggregate**: gravel, sand, slag, crushed rocks or similar inter materials which form a large part of concrete, asphalt or roads including dams.

**Activity four**: fill in the gaps with the appropriate words from the list. (4pts).

*Measurements, length, distances, science.*

Geometry originated as a practical **science** concerned with surveying, *measurements*, areas, and volumes. Among the notable accomplishments one finds formulas for *length*, areas, and volumes, such a Pythagorean theory and area of circle, area of a triangle, and volume of a cylinder, sphere, and a pyramid. A method of computing certain inaccessible heights and *distances* based on similarity of geometric figures is attributed to **Thales**.