

Student Name: Student's ID Number: Group:

1. Read the following sentences and decide whether they are **True** or **false**. (5 Marks)

1. Electrical engineering deals only with the application of power in manufacturing systems. ()
2. The foundation is one of the main elements of a building. ()
3. Heating the liquid will decrease its viscosity. ()
4. Farmers use fertilizers to kill insects. ()
5. The chemical industry covers the business that uses chemical reactions to change raw materials into products. ()
6. The brake cylinder holds fuel. ()
7. Engineering involves the manufacture of engines and machine tools. ()
8. The term "thermodynamics" is used as a single word. ()
9. Some chemicals are added to the glue to soften it. ()
10. Plastics have different features, such as strong and tough. ()

2. **Define** engineering. What are the **branches** of engineering? (5 marks)

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3. Write a suitable **terms** for each **definition**. (10 marks)

1. These give food a good taste.....
 2. Not containing carbon atoms compounds.....
 3. A device that uses electromagnetic waves to calculate the distance of an object.....
 4. It refers to the erection or assembly of large structures.....
 5. Chemicals that contain the benzene ring.....
 6. A part of the car that produces electricity.....
 7. To polish or sharpen by rubbing on a rough surface.....
 8. A kind of engineering that involves building dams and tunnels.....
 9. An engineer who makes a detailed drawing of a building.....
 10. A material that does not allow rain to get into it.....
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Best of Luck