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Student Name: Student's ID Number:.....` Group:.....

1. Read the following sentences and decide whether they are **True** or **false**. (14 Marks)

1. Chemical processes have developed flavours, fertilizers, and plastics. ()
2. The exhaust manifold reduces the exhaust noise. ()
3. Most mechanical devices need oil as a lubricant. ()
4. Certain chemicals are added to glue to soften it. ()
5. Engineering is based principally on physics, chemistry, and thermodynamics. ()
6. If you enjoy problem solving, then you should study civil engineering. ()
7. In automobile production business, the product planners monitor the process of selling the car. ()
8. In cars, the muffler decreases the exhaust noise. ()
9. Chlorides are compounds containing chlorine and another element. ()
10. Cosmetics give food a good taste. ()
11. Methanol is a flammable gas derived from petroleum hydrocarbon cracking. ()
12. It is the marketing team responsibility to sell the car after the new model has been launched. ()
13. The alternator makes the vehicle goes faster. ()
14. Designers work to design a new car based on these suggestions.()

2. Write down three terms under the following headings. (6 Marks)

1. Equipment in engineering

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2. Basic and intermediate chemicals

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3. Write the **Engineering terms** for each definition. (10 Marks)

1. A working example of a new design.....
2. Farmers use these to make plants grow.....
3. A compound of Oxygen and another element.....

4. To give a metal a protective coat by using it as an anode in electrolysis.....
 5. A part of a vehicle that cools water from the engine.....
 6. Chemicals that contain the benzene ring..... ,
 7. To shape metals by heating and then hammering, e.g. horse shoes.....
 8. To polish or sharpen by rubbing on a rough surface, e.g. stone.....
 9. It disconnects the engine from the gearbox while the gears are changed.....
 10. In cars, it holds fuel.....
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Best of Luck