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

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

1. In civil engineering projects, feasibility studies are done during construction. ()
2. The black surface we use nowadays in road construction is called curb. ()
3. Viaducts carries a road or railway, usually over a valley. ()
4. A masonry arch is one of the types for bridges. ()
5. Semiconductor consist of three layers of silicon. ()
6. Computer design is an industry that invests various electrical applications. ()
7. In electronics, the input resists the information and the output supplies the electronically processed information. ()
8. The road has a crown to allow rainwater to run off the surface. ()
9. The dredger is a machine used for rolling tarmac on a road. ()
10. For electrical protection, the circuit breaker normally opens on over load. ()

2. Write the **Engineering terms** for each **definition**. (5 Marks)

1. It deals with the practical application of the electricity theory.
2. In electronic circuits, these reduces the flow of electrons.
3. They are the key component in electronics and are made of silicon.
4. A circuit where the electrical current has a choice of paths.....
5. A pulse of light, current or sound that is used to convey information.....

3.Circle the correct answer. (5 Marks)

1. The state of being active is called.
A) Activate B) acute C) activation
2. An electrical device.
A) Feeder B) pesticide C) excavator
3. A kind of bridges.
A) Crown B) bulldozer C) cantilever.
4. One of the electrical devices.
A) waterproof B) fuse C) short circuit
5. A civil engineering tool.
A) bulldozer B) tarmac C)lift