

Name	Student No.	Group	Date	Mark
<b>Signature</b>				

I. Multiple Choice. Choose the correct answer. (7marks)

1. It is a device that changes voltage or current from one level to another level.
  - a. Transformer
  - b. Electric motor
  - c. Single phase motor
  - d. Electric generator
2. The transformer winding that is connected to the load is:
  - a. Primary winding
  - b. Shunt field winding
  - c. secondary winding
  - d. Series field winding
3. In a step-down transformer, what is the relationship between primary and secondary voltage?
  - a.  $V_p = V_s$
  - b.  $V_p > V_s$
  - c.  $V_s > V_p$
  - d.  $V_p < V_s$
4. Which transformer losses occur due to current in the core?
  - a. Copper loss
  - b. Friction loss
  - c. Core loss
  - d. Mechanical loss
5. Which of the following loss is **not** found in transformers?
  - a. Copper loss
  - b. Core loss
  - c. Mechanical loss
  - d. (a) and (b)
6. Which of the following is **not** used to measure transformer electrical parameters?
  - a. Voltmeter
  - b. Ammeter
  - c. Tachometer
  - d. (a) and (b)
7. Which transformer has a single winding?
  - a. Step-down transformer
  - b. Core type transformer
  - c. Step-up transformer
  - d. Auto-transformer