

Name	Student No.	Group	Date	Mark
			Signature	

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