MAC803- ACTIVITY3 -TRANSFORMER

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

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