

Course: B. Tech in Electrical Engineering

Sem: IV

Subject Name: Electrical Machine-I

Subject Code: BTEEC 401

Max Marks: 20

Date:-11th MARCH 2019

Duration:- 1 Hr.

Instructions to the Students:

1. All questions are compulsory
- 2.
- 3.
- 4.

Q.1 Solve the following

1. Buchholz relay is used in :

- (a) oil immersed transformer
- (b) dry type transformer
- (c) in both (a) & (b)
- (d) None of the above.

2. Transformer change the level of..... while transferring the energy from one circuit to another

- (a) power
- (b) voltage
- (c) frequency
- (d) Both (a) & (b).

3. The purpose of lamination in transformer core is to minimize –

- (a) copper loss
- (b) friction loss
- (c) windage loss
- (d) eddy current loss

4. The rating of transformer are in.....

- (a) KW
- (b) Watt
- (c) KVA
- (d) None of the above

5. TRUE OR FALSE: Secondary of CT is always be open circuited

- (a) True
- (b) False