



HCW-001-005503 Seat No. _____

Third Year B. A. (ID) (Sem. V) (CBCS) Examination
October / November - 2017
Services - II
(Electrical)

Faculty Code : 001
Subject Code : 005503

Time : 2 Hours]

[Total Marks : 50

Instructions :

- (1) All questions are **compulsory**.
- (2) Any ambiguity will be considered as a wrong answer.

1 Fill in the blanks : **10**

- (1) Full form of MCB is _____.
- (2) Symbol of ampere is _____.
- (3) Color of live wire is _____.
- (4) Color of neutral wire is _____.
- (5) Color of earth wire is _____.
- (6) An electric current is a flow of _____.
- (7) Direct current (DC) is the unidirectional flow of _____.
- (8) AC is the form in which _____ is delivered to businesses and residences.
- (9) Full form of USB is _____.
- (10) Full form of CFL is _____.

2 Choose the correct answer : **5**

- (1) _____ is a measure of how much energy the electrons receive.
 - (a) Current
 - (b) Ampere
 - (c) Voltage

- (2) Electromotive force is the same as _____.
- (a) Current (b) Voltage
- (c) Power
- (3) Full form of e.m.f. is _____.
- (a) Electromagnetic force
- (b) Electric motion force
- (c) Electromotive force
- (4) When an electric current flows through a circuit, there will be some _____ that opposes it.
- (a) Force (b) Power
- (c) Resistance
- (5) When resistors are connected in parallel, the resistance will _____.
- (a) remain same (b) decrease
- (c) increase

3 Write short notes : (any three) **15**

- (1) Write a short note on types of wires and cables.
- (2) Write a short note on switches.
- (3) Write a short note on types of lamps.
- (4) Write a note on the types of lighting fixtures available in market.

4 Draw furniture layout and design electrical points and wiring system in your manner for given plan. Prepare electrical point legend and schedule and give supportive justifications. (Drawing attached). **20**

