



MCR-001-005503 Seat No. _____

Third Year B. A. (I.D.) (Sem. V) (CBCS)
Examination
May / June - 2018
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) Symbol of watt is _____
- (2) Watt is a unit of _____
- (3) _____ is a measure of the degree to which conductor opposes an electric current through it.
- (4) _____ is the unit of potential difference in circuit.
- (5) _____ is the unit of current.
- (6) Good conductors of electricity have _____ resistance and poor conductors of electricity have _____ resistance.
- (7) _____ is the unit of resistance.
- (8) An electrical component that is specially made to have a certain resistance is called a _____
- (9) _____ invented electricity in _____
- (10) _____ invented first electrical lamp in _____

2 Select correct answer from given option : **5**

- (1) Electricity is a form of _____ that can be easily changed to other forms.
 - (A) Heat
 - (B) Gas
 - (C) Energy

- (2) The flow of electricity is called an electric _____
(A) Power
(B) Current
(C) Voltage
- (3) The path along which the electric current moves is called the electric _____
(A) Supply
(B) Voltage
(C) Circuit
- (4) An electric _____ is the rate of flow of electric charges in a circuit.
(A) Power
(B) Current
(C) Voltage
- (5) _____ is an instrument used for measuring electric current.
(A) Ammeter
(B) Voltmeter
(C) Electrometer

3 Write short notes : (Any **Three**) **15**

- (1) Write a short note on switches.
- (2) Write a short note on types of lamps.
- (3) Write a note on the types of lighting fixtures available in market.
- (4) Write a short note on alternative sources of electricity.

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

