

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Catering &amp; Culinary Arts) (2015 &amp; Onwards)(Sem.-4)

**HOTEL ENGINEERING**

Subject Code :BSCCA-404

M.Code : 74363

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A****1. Write briefly :**

- a. DC
- b. Volt
- c. Ampere
- d. Insulator
- e. Escalator
- f. Preventive maintenance
- g. Calorie
- h. Class A fire
- i. Bunsen burner
- j. LPG

### SECTION-B

2. Explain advantages and disadvantages of AC and DC?
3. “*Earthing plays a major part in an electrical circuit*”. Explain how?
4. Explain the importance and maintenance of escalators and sidewalks in a hotel.
5. Classify fires with examples.
6. Draw an organisational chart of the maintenance department of a 5 star hotel.

### SECTION-C

7. With a neat diagram explain the working of a Bunsen burner.
8. Explain in detail the duties and responsibilities of the maintenance department along with the coordination with other departments.
9. Explain in detail various fire extinguishers used in hotels along with their examples and working.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**