

Total No. of Questions : 09

B.Sc.(HMCT) (2013 to 2017 Batch) (Sem.-2)

HOTEL ENGINEERING

Subject Code : BSHM-205

M.Code : 12081

Time : 3 Hrs.

Max. Marks : 60

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) Answer briefly :

- a. What is Ohms law?
- b. What are the different sources of water?
- c. Define Electricity.
- d. What is the difference between a conductor and a non conductor?
- e. Name different types of extinguishers.
- f. Name any two duties of Maintenance staff.
- g. Name any two uses of soil pipes.
- h. What are fire alarms?
- i. What is the difference between AC and DC?
- j. Name different types of fuels.

SECTION-B

2. Explain the duties and responsibilities of Maintenance staff.
3. Explain different types of fires.
4. Explain the principle of Bunsen burner with a neat diagram.
5. Give precautions while using different fuels alongwith defining BTU.
6. Give the properties of different fuels available.

SECTION-C

7. Explain the operation and maintenance of Escalators and sidewalks.
8. Explain the working of different fire extinguishers.
9. With a neat diagram describe the supply of water from the main sources. Also explain the various calculations of water requirements and storage capacity.

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.