

**SARDAR PATEL UNIVERSITY**  
**Programme: BBA (Honours) (Hospitality Management) (3 Years)**  
**Semester: III**  
**Syllabus with effect from: June-2016**

<b>Paper Code: UM03CBBH08</b>	<b>Total Credit:3</b>
<b>Title of Paper: Hotel Engineering &amp; Maintenance</b>	

**Theory**

<b>Unit</b>	<b>Description in detail</b>	<b>Weighting (%)</b>
I	<b>Hotel Maintenance Department</b> Introduction. Flowchart To Indicate Functioning Of Maintenance Department InA Hotel. Organization And Set Up Of Maintenance Department, Organizations Chart. The Staff – Duties And Responsibilities. Types Of Maintenance –Preventive And Break Down Maintenance- Their Comparison. Contract Maintenance. Types Of Contract-Service Contract	25 %
II	<b>Equipment Replacement Policy</b> Terms And Condition. Inadequacy Obsolescence-Excessive Maintenance-Declining Efficiency. Replacement Policy Of Equipment Which Gradually Deteriorate-Economic Replacement Cycle For Abruptly Falling Equipment. Replace When Current Annual Cost Is Equal To Average Annual Cost To Date	25 %
III	<b>Water Management &amp; Sanitary System</b> Sources Of Water, Method Of Removal Of Hardness, Water requirement in Hotels Sinks, Basin, Water Closet, Bidets And Their Fittings, Use Of Water Traps And Water Seals	25 %
IV	<b>Fire Prevention &amp; Protection</b> Different Types Of Fires, Fire Fighting Systems- (Fire Alarms, Extinguishers And Their Maintenance), Fire Hazard	25 %

**Tutorial**

The Students Would Be Noting Down The Important Factors, Issues, Consequences And Their Related Case Studies In The Journals.

**Evaluation : Internal : 25 Marks** Journal Shall Be Evaluated By The Concerned Teacher.

**Basic Text & Reference Books:**

- The Management of Maintenance and Engineering Systems in Hospitality Industry By Frank D.
- Borsenik & Alan T. Stutts, Published: John Willey & Sons Inc NY
- Textbook of Hotel Maintenance – N.C.Goyal & K.C.Goyal