

**SARDAR PATEL UNIVERSITY**  
**BBA (ISM) (3 Years) Semester - 3**  
**Syllabus with Effect from: 2019-20**

**UM03CBBS22 : SYSTEM ANYLSIS AND DESIGN - I**

**Theory: 100 Marks**

**Credit: 3**

<b>Unit 1</b>	<b>System Concepts</b> Introduction to system - Characteristics of System ➤ The Elements of System -Major System Concepts -Types of System: open/close system etc. ➤ Introduction to System Analysis ➤ Systems Analyst ➤ Systems Approach and Systems Analysis	<b>25%</b>
<b>Unit 2</b>	<b>System Development Life Cycle</b> ➤ Introduction to Various Methodologies of Systems Development ➤ Steps of SDLC: Analysis, Design, Detailed Design, Coding, Testing etc.	<b>25%</b>
<b>Unit 3</b>	<b>2. Structured System Analysis &amp; Design Method</b> ➤ Need of SSADM and Introduction to SSADM ➤ Step of SSADM ➤ Advantages of SSADM ➤ System Prototype Method	<b>25%</b>
<b>Unit 4</b>	<b>Introduction to SSADM Tools</b> ➤ Decision Tree ➤ Decision Table ➤ Structured English ➤ Data Dictionary ➤ Structured charting techniques.	<b>25%</b>

**Reference Book:**

1. System Anylsis,Design And Introduction to Software Engineering-(SADSE)S.PARATHASARATHY BY B.W.KHALKAR,3<sup>rd</sup> Edition
2. Analysis & Design of Information Systems 2<sup>nd</sup> Edition by-James A senn (McGraw-Hill )

**Evaluation Scheme**

**Internal** (Theory ) = 40 Marks    **External** (Theory ) = 60 Marks