

MAYO COLLEGE, AJMER
SUBJECT CURRICULUM (AY 2022-23)
SUBJECT – INFORMATICS PRACTICES
CLASS – XI
CBSE

Exam	Concepts
Periodic Assessment I July 2022	<ol style="list-style-type: none"> 1. Computer System 2. Input/ Output Devices 3. CPU, Memory and its types 4. Computer System and Data 5. Software & its types 6. Python Introduction 7. Python Fundamentals
Periodic Assessment II September 2022	<p>Topics covered in PA-1(20%)</p> <ol style="list-style-type: none"> 1. Conditional statements 2. Loops 3. List 4. Dictionary
Periodic Assessment III November 2022	<p>Topics covered in PA-1 (10%), PA-2(20%)</p> <ol style="list-style-type: none"> 1. Text Handling 2. Python Modules 3. Data Handling 4. Relational Database
Finals February 2023	<p>Topics Covered in PA-1,PA-2 & HY</p> <ol style="list-style-type: none"> 1. File Based System 2. Relational Model Terminology 3. SQL 4. DDL, DML, TCL Commands 5. Emerging Trends

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Periodic Assessment I July 2022	<ol style="list-style-type: none"> 1. Pandas 2. Series Introduction 3. Series Objects 4. Dataframe Introduction 5. Dataframe Object 6. Introduction to internet and Web
Periodic Assessment II September 2022	<p>Topics covered in PA-1(20%)</p> <ol style="list-style-type: none"> 1. Python Pandas II 2. Iterating Over Dataframe 3. Descriptive statistics with pandas 4. Advanced Operation on Dataframe 5. Text Handling 6. Python Modules 7. Data Handling
Half Yearly November 2022	<p>Topics covered in PA-1 (10%), PA-2(20%)</p> <ol style="list-style-type: none"> 1. Numpy 2. Data visualization 3. Pyplot with matplotlib 4. Line chart, scatter chart 5. Bar chart, Pie chart 6. Histogram with Pyplot 7. Frequency Polygon 8. CSV files
Pre Board-1 February 2023	<p>Topics Covered in PA-1,PA-2 & HY</p> <ol style="list-style-type: none"> 6. Relational Data Model 7. MySQL Revision & SQL Revision 8. Mysql Functions 9. Joins and Sets Operations 10. Societal Impacts 11. Data Protection
Pre Board II February 2023	<p>Topics covered in PA1,PA2,HY,PB-1</p>