



INDIAN SCHOOL MUSCAT
SENIOR SECTION
DEPARTMENT OF COMPUTER SCIENCE
CLASS XI
REVISED YEAR PLAN - JULY 2020-2021

Information Technology (Code:802)

| Part A - Employability Skills | | |
|--------------------------------------|---|------------|
| UNIT No. | Unit | Marks |
| 1 | Communication Skills-III | 10 |
| 2 | Self-Management Skills- III | |
| 3 | Information and Communication Technology Skills- III | |
| 4 | Entrepreneurial Skills-III | |
| 5 | Green Skills- III | |
| | Total | 10 |
| Part B - Vocational Skills | | |
| UNIT No. | Unit | Marks |
| 1 | Computer Organization & OS: User perspective.+ Troubleshooting: Hardware, Software and Networking | 5 |
| 2 | Networking and Internet. | 10 |
| 3 | Office automation tools: | 10 |
| 4 | RDBMs (NEWLY ADDED) | 10 |
| 5 | Fundamentals of Java(NEWLY ADDED) | 15 |
| | Total | 50 |
| | Practical | 40 |
| | TOTAL (Part A+ Part B+ Practical) | 100 |

| MONTH | UNIT | No of Periods |
|------------|---|---------------|
| April 2020 | Part B: Unit 1: Computer Organization & OS: User perspective. <ul style="list-style-type: none"> • Understanding of Hardware. • Basics of Operating System. | 18 |
| May 2020 | Part B: Unit 2: Networking and Internet. <ul style="list-style-type: none"> • Network Safety concerns. • Network Security tools and services. • Cyber Security. | 16 |
| May 2020 | Part B: Unit 2: Networking and Internet(Contd...) <ul style="list-style-type: none"> • Safe practices on Social networking. | 9 |

| | | |
|----------------|--|----|
| | Employability skills <ul style="list-style-type: none"> ICT skills | |
| June 2020 | Part B: Unit 3: Office Automation Tools (Contd...) <ul style="list-style-type: none"> Word processing. Spreadsheet | 5 |
| July 2020 | Part B: Unit 3: Office Automation Tools (Contd...) <ul style="list-style-type: none"> Spreadsheet. Presentation. (Unit-1 Troubleshooting: Hardware, Software and Networking) <ul style="list-style-type: none"> Commonly Encountered Problems. (Monitor: No display, KB/Mouse not Responding, Monitor giving Beeps, Printer not Responding, Check for Virus, Delete Temporary Files if System is Slow, Adjust Mouse Speed) | 19 |
| August 2020 | Part B: Unit 4: RDBMS (NEWLY ADDED) <ul style="list-style-type: none"> Database and its purpose Components of a table Relational Database Model Terminology (Relation, Tuple, Attribute, Cardinality) Keys (Primary, Candidate, Alternate, Foreign) | 18 |
| August 2020 | Part B: Unit 4: RDBMS (NEWLY ADDED) <ul style="list-style-type: none"> Introduction To MYSQL. Classification of MYSQL commands (DDL, DML) Data Types in MYSQL (char, varchar, decimal, int, date, time) Create database View structure of a table Add constraints in table Modify structure Show all tables created in a database Delete structure | 12 |
| September 2020 | <ul style="list-style-type: none"> Add rows to a table Viewing content of a table Display selected data depending on specific condition Display data in a order modify the data stored in a table delete contents of a table | |
| September 2020 | Unit 5: Fundamentals of Java (NEWLY ADDED) <ul style="list-style-type: none"> Introduction to Object Oriented Programming To understand various data types (primitive) and purpose of each data type To understand the need and usage of variables To understand usage of operators (assignment , arithmetic, relational, logical, bitwise) | |

| | | |
|-------------------------|--|----|
| | <ul style="list-style-type: none"> To understand how to attach a code with components like jButton, jTextField and create a simple application on JFrame To understand the use various components like jTextArea, jRadiobutton, jCheckbox, jPasswordField, jListBox, jComboBox, JTable, JOptionPane, JPanel To understand when to use selection statements (if, if else and switch case) | |
| October 2020 | Part B: Unit-5 Fundamentals of Java continued..... <ul style="list-style-type: none"> To understand how to attach a code with components like jButton, jTextField and create a simple application on JFrame To understand the use various components like jTextArea, jRadiobutton, jCheckbox, jPasswordField, jListBox, jComboBox, JTable, JOptionPane, JPanel To understand when to use selection statements (if, if else and switch case) | 15 |
| November 2021 | Part B: Unit-5 Fundamentals of Java continued..... <ul style="list-style-type: none"> To understand how to attach a code with components like jButton, jTextField and create a simple application on JFrame To understand the use various components like jTextArea, jRadiobutton, jCheckbox, jPasswordField, jListBox, jComboBox, JTable, JOptionPane, JPanel To understand when to use selection statements (if, if else and switch case) Revision | |
| January & February 2021 | Revision and Annual Examination | |

INDIAN SCHOOL MUSCAT
Class XI- INFORMATION TECHNOLOGY(802)
Mark Distribution & Blue Print
of First/Second Periodic
Assessment

| Mark | Number of Questions | Total |
|--------------------|---------------------|-----------|
| 1 Mark | 7 | 7 |
| 2 Mark | 5 | 10 |
| 3 mark | 1 | 3 |
| Total Marks | | 20 |

Class XI- INFORMATION TECHNOLOGY(802)
Mark Distribution & Blue Print of Half Yearly Examination

| Mark | Number of Questions | Total |
|--------------------|----------------------------|--------------|
| 1 Mark | 16 out of 18 | 16 |
| 2 Mark | 7 out of 8 | 14 |
| 3 Mark | 5 out of 6 | 15 |
| 5Mark | 3 out of 4 | 15 |
| Total Marks | | 60 |

Class XI- INFORMATION TECHNOLOGY(802)
Mark Distribution & Blue Print of Annual Examination

| Mark | Number of Questions | Total |
|--------------------|----------------------------|--------------|
| Part A | | |
| 1 Mark | 4 out of 6 | 4 |
| 2 Mark | 3 out of 5 | 6 |
| Part B | | |
| 1 Mark | 10 out of 12 | 10 |
| 2 Mark | 5 out of 7 | 10 |
| 3 Mark | 5 out of 7 | 15 |
| 5Mark | 3 out of 5 | 15 |
| Total | | 60 |
| Practical | | 40 |
| Total Marks | | 100 |