

INFORMATION TECHNOLOGY

FYJC (ARTS/COMMERCE/SCIENCE)

THEORY

Syllabus for Unit Test 1 – Chapter-1

(Marks 25)

Syllabus for First Terminal Examination – Chapter-1 & Chapter- 2

(Marks 50)

1. Basics of Information Technology

- 1.1 Introduction to IT
- 1.2 Data and Information
- 1.3 Various concepts of IT
- 1.4 Introduction of GNU/Linux
- 1.5 Computer Network
- 1.6 Network configuration
- 1.7 IT enabled services
- 1.8 Careers in IT
- 1.9 Recent trends in IT

2. Introduction to DBMS

- 2.1 Introduction
- 2.2 Definition of a Database
- 2.3 Introduction to DBMS
- 2.4 Some applications of DBMS
- 2.5 Advantages of DBMS
- 2.6 Data types in DBMS
- 2.7 Data Model
- 2.8 Introduction of RDBMS
- 2.9 Introduction to SQL
- 2.10 Categories of SQL Command

Syllabus for Unit Test 2 – Chapter-3

(Marks 25)

3. Impressive Web Designing

- 3.1 Introduction
- 3.2 How does the web work?
- 3.3 Components of Web
- 3.4 Introduction to HTML5
- 3.5 Text formatting element
- 3.6 Heading Levels
- 3.7 Inserting an Image, a horizontal ruled line and a paragraph
- 3.8 Creating a table
- 3.9 Creating hyperlinks in a Web page
- 3.10 Forms in HTML
- 3.11 Introduction to Client side scripting
- 3.12 Scripting Language
- 3.13 Variables
- 3.14 Data types

- 3.15 Operators
- 3.16 commonly used Built In functions in Javascript
- 3.17 Decision Making Statements
- 3.18 User Defined Functions

4. Cyber Law

- 4.1 Introduction
- 4.2 Ethics and Morals
- 4.3 Cyber Crime
- 4.4 Cyber Safety and Security
- 4.5 IT Act of India 2000

Syllabus for Annual Examination – All Chapters

(Marks-80)

Skill Oriented Practicals (SOP)

(Marks -20)

- 1. Daily Computing (Libre Office)
- 2. Web Designing (HTML-5)
- 3. Client Side Scripting (JavaScript)
- 4. Accounting Package (GNUKhata)
- 5. Digital Content Creation (GIMP, Inkscape)
- 6. DBMS (PostgreSQL)

FYJC ACADEMIC SYLLABUS 2020 – 2021 INFORMATION TECNOLOGY

Sr. No.	Examination	Portion
1	Unit Test – I (25 Marks)	Chp 1. Basics of Information Technology
2	1 st Terminal Examination (50 Marks)	Chp 1. Basics of Information Technology Chp 2. Introduction to DBMS
3	Unit Test – II (25 Marks)	Chp 3. Impressive Web Designing
4	Annual Examination (2 nd Terminal Examination) (80 Marks)	Full portion Chp 1. Basics of Information Technology Chp 2. Introduction to DBMS Chp 3. Impressive Web Designing Chp 4. Cyber Law

Note : Paper Pattern will be discussed during the lectures.

Faculty Members :

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