Paper Wise Syllabus and Evaluation Pattern

Sr. No.	Paper	Syllabus	Evaluation Pattern						
1.	**Adobe Photoshop** **Version: CS4**	**Photoshop** 1. Knowing the workspace 2. Working with selections 3. Color adjustments 4. Painting and retouching 5. Filters 6. Working with paths 7. Working with channels 8. Working with Layers 9. Masks 10. Creating images for web 11. Video and print 12. 3D introduction 13. Smart work tips	**Sr. No.**	**Question Type**	**Number of Questions (70)**	**Marks per Question**	**Total Marks**	**Test Duration**	**Medium**
			1.	Practical	30	2	60	60 Minutes (1 hr.)	English
			2.	Objective (Multiple Choice)	40	1	40		
			Grand Total				100		
2.	**Adobe Dreamweaver** **Version: CS4**	1. Knowing the workspace 2. Creating new site 3. Adding text 4. Insert images 5. Use of CSS 6. Creating page layouts 7. Working with tables 8. Adding flash, video, and sound 9. Maximizing site design	**Sr. No.**	**Question Type**	**Number of Questions (70)**	**Marks per Question**	**Total Marks**	**Test Duration**	**Medium**
			1.	Practical	30	2	60	60 Minutes (1 hr.)	English
			2.	Objective (Multiple Choice)	40	1	40		
			Grand Total				100		

		10. Web forms 11. Spry framework 12. Frames 13. Hyperlink 14. Testing site		

3.

Adobe Illustrator

Version: CS4

Ai

Adobe InDesign

Version: CS4

Id

Illustrator

1. Knowing the workspace
2. Drawing objects
3. Coloring objects
4. Gradients
5. Mesh
6. Symbols
7. Organizing with layers
8. Using effects and transparency
9. Filters
10. Blending techniques
11. Managing appearance
12. Exporting and saving files

InDesign

1. Knowing the workspace
2. Building documents
3. Working with master pages
4. Working with text and type
5. Working with styles
6. Working with graphics
7. Creating and using tables
8. Using color
9. Effects

Sr. No.	Question Type	Number of Questions (70)	Marks per Question	Total Marks	Test Duration	Medium
1.	Practical	30	2	60	60 Minutes (1 hr.)	English
2.	Objective (Multiple Choice)	40	1	40		
Grand Total				100		

		10. Hyperlinks 11. Exporting documents						

| **4.** | **C**
 &
 C++

 C & C++ | **C**
 1: Getting Started with C Programming
 2: Language Fundamentals
 3: Essentials for C Programming
 4: Input and Output Functions
 5: Decision and Control Flow Statements
 6: Working with Arrays
 7: String Manipulations
 8: Functions
 9: Storage Classes
 10: Pointers
 11: Preprocessor
 12: Structures and Unions
 13: File Management in C
 14: Working with Mathematical Functions & Time Utility
 15: Character Handling Functions
 16: Sorting
 17: Advanced Types
 18: Linked Lists
 19: Advanced Data Structures

 C++
 1: Getting Started with C++ Programming
 2: Fundamentals of C++ Language
 3: Data Types and Operators
 4: Flow of Control
 5: Handling Arrays
 6: Pointers
 7: Manipulators and Default Arguments
 8: Object Oriented Programming
 9: Constructors and Destructors
 10: Behaviors and Properties |

Sr. No.	Question Type	Number of Questions (70)	Marks per Question	Total Marks	Test Duration	Medium
1.	Objective (Multiple Choice)	100	1	100	60 Minutes (1 hr.)	English
Grand Total				100		

		11: Static Members and Methods 12: Inheritance and 'friend' Keyword 13: Inheritances Revisited 14: Polymorphism 15: Operator Overloading and Encapsulations 16: File Management Systems 17: Templates 18: Exception Handling and Enumeration 19: Graphics	

5. AutoCAD

Version: 2010

1. Input Data: Cartesian & Polar Method
2. Creating and Modifying Objects
3. Object Snap
4. Selection & Properties
5. Annotation: Text & Dimensioning
6. Working with Layers & Blocks
7. Utilities: Inquiry
8. Measurements & Plot / Print

Sr. No.	Question Type	Number of Questions (70)	Marks per Question	Total Marks	Test Duration	Medium
1.	Practical	30	2	60	60 Minutes (1 hr.)	English
2.	Objective (Multiple Choice)	40	1	40		
Grand Total				100		

6. Tally

Tally.ERP 9

POWER OF SIMPLICITY

1. Knowing the workspace
2. Basic operations
3. Setting up accounts
4. Working with accounting masters
5. Pass transactions
6. Manage accounts
7. Basic inventory

Sr. No.	Question Type	Number of Questions (100)	Marks per Question	Total Marks	Test Duration	Medium
1.	Objective (Multiple Choice)	100	1	100	60 Minutes (1 hr.)	English

		8. Accounting vouchers 9. Prepare financial statements 10. Financial and cost features 11. Prepare budget 12. Develop forecasts 13. Ratio analysis 14. Prepare financial reports	**Grand Total**			100			

7.

MS Word

Version: 2013

1. Basic Operations
2. Creating and Editing documents
3. Working with text
4. formatting text
5. Insert picture
6. Object style
7. Layout
8. Insert table
9. Character style
10. Paragraph style
11. Formatting documents
12. Enhancing documents
13. Applying Page Setup
14. Linking and embedding documents
15. Previewing and Printing documents
16. Advanced Word Processing

Sr. No.	Question Type	Number of Questions (70)	Marks per Question	Total Marks	Test Duration	Medium
1.	Practical	30	2	60	60 Minutes (1 hr.)	English
2.	Objective (Multiple Choice)	40	1	40		
Grand Total				100		

8.

MS Excel

Version: 2013

1. Working with spreadsheets
2. Creating and editing workbook
3. Organizing and Formatting Worksheets

Sr. No.	Question Type	Number of Questions (70)	Marks per Question	Total Marks	Test Duration	Medium
1.	Practical	30	2	60	60	English

		4. Insert illustrations 5. Insert symbols 6. Insert graphs 7. Using Formulas and Functions 8. Sorting 9. Printing Worksheets 10. Advanced Spreadsheet 11. Data Analysis and Management	**2.**	Objective (Multiple Choice)	40	1	40		Minutes (1 hr.)	

			Grand Total	100

9.

MS PowerPoint

Version: 2013

1. Creating and Editing Presentations
2. Formatting text
3. Insert picture
4. Object style
5. Layout
6. Character style
7. Paragraph style
8. Transition
9. Animation
10. Designing and Enhancing Presentation
11. Delivering Presentation
12. Advanced Presentation Graphics

Sr. No.	Question Type	Number of Questions (70)	Marks per Question	Total Marks	Test Duration	Medium
1.	Practical	30	2	60	60 Minutes (1 hr.)	English
2.	Objective (Multiple Choice)	40	1	40		
	Grand Total			100		

10.

Internet activities

Version: Internet Explorer 11

1. Basic Operations
2. Exercise Digital Access
3. Use of e-commerce
4. Employ Digital Communication
5. Apply Digital Etiquette

Sr. No.	Question Type	Number of Questions (100)	Marks per Question	Total Marks	Test Duration	Medium
1.	Objective (Multiple Choice)	100	1	100	60 Minutes (1 hr.)	English

| | | | | Grand Total | | 100 | | |

6. Cyber Security
7. Computer Ergonomics
8. Online Collaboration
9. Chat
10. Email
11. Bulk SMS
12. Net banking
13. Online payment
14. Using Google map
15. Online shopping
16. Online ticket booking
17. Marathi typing
18. Downloading data
19. Check status of courier
20. Making business cards online
21. More tips for smart use of computer

11.

SCRATCH Programming

Version: 2

1. What are Visual Editors?
2. Introduction to Scratch
3. The Scratch User Interface
4. Dancing is also a Program!
5. Step-by-Step
6. Some Steps Further
7. Planning a Project
8. Creating an Interactive Project
9. 3D Animations
10. Performing Scripts
11. Build a Band, Pink Circle, Blue Square,

Sr. No.	Question Type	Number of Questions (70)	Marks per Question	Total Marks	Test Duration	Medium
1.	Practical	30	2	60	60 Minutes (1 hr.)	English
2.	Objective (Multiple Choice)	40	1	40		
Grand Total				100		

		12.	Animation Projects
		13.	Stories
		14.	Characters
		15.	Conversations and Scenes
		16.	Creature Creation
		17.	Games
		18.	Starter Games
		19.	Scores and timing
		20.	Diving Deeper
		21.	Cloning
		22.	Video Sensing
		23.	Scratch Online
		24.	Setting up a Scratch Account
		25.	Creating an Online Project
		26.	Exploring Online Projects
		27.	Scratch Studios

12. **CorelDRAW**

Version: X6

1. Getting Started with CorelDRAW
2. Introduction to CorelDRAW
3. The CorelDRAW User Interface
4. Understanding the Basics in CorelDRAW
5. Working with the Page Set-Up
6. Working with Files
7. Understanding the basic controls
8. Understanding the Viewing Options
9. Understanding the Color

Sr. No.	Question Type	Number of Questions (70)	Marks per Question	Total Marks	Test Duration	Medium
1.	Practical	30	2	60	60 Minutes (1 hr.)	English
2.	Objective (Multiple Choice)	40	1	40		
Grand Total				100		

		Palette	
		10. Psychology of colors	
		11. Harmonious Colors	
		12. Selecting colors	
		13. Working with the Color Palette	
		14. Understanding the different Color Fills	
		15. Working with other Fill tools	
		16. Working with the Objects	
		17. Manipulating the objects	
		18. Working with Text	
		19. Understanding other controls (Layers and Tables)	
		20. Working with Layers	
		21. Example for Layers	
		22. Working with Tables	
		23. Bitmaps	
		24. Going 3D	

13. ICT for School Students (9th & 10th)

1. MS Word
2. MS Excel
3. Internet
4. Communication & Networks

Sr. No.	Question Type	Number of Questions (70)	Marks per Question	Total Marks	Test Duration	Medium
1.	Objective (Multiple Choice)	30	2	60	60 Minutes (1 hr.)	English
2.	Objective (Multiple Choice)	40	1	40		

| | | | | Grand Total | | | | 100 | | |

14	IT Hardware and Network	**IT Hardware:** 1. PC Components 2. Printers and Scanners 3. Installing and configuring PC components 4. Safety, environment & customer issues 5. Preventive Maintenance **IT Network:** 1. Basic Network Theory 2. Network Connectivity 3. Network Protocols 4. TCP/IP addressing and sub netting 5. Troubleshooting basic network connectivity problems 6. Troubleshooting basic network connectivity problems 7. Network Management	

Sr. No.	Question Type	Number of Questions (100)	Marks per Question	Total Marks	Test Duration	Medium
1.	Objective (Multiple Choice)	100	1	100	60 Minutes (1 hr.)	English
Grand Total				100		