

Board of Secondary Education, Rajasthan

Exam syllabus – 2021-2022

SUBJECT	Concept of Information Technology – I
SUBJECT CODE	80
CLASS	IX

EXAM	TIME (HOURS)	MARKS	MAX.MARKS
THEORY	3:15	70	100
PRACTICAL	2:00	30	

Exam syllabus – 2021-2022

Name of the Book: Concept of Information Technology – I (Class- 9th)

Unit No. and Name	Chapter No. and Name	Title and Subject Matter	Marks
Unit-1 Introduction to Computer	1- Introduction to Computer 2-Input/Output & Storage Devices	Introduction to Computer – Introduction, Definition of Computer, Types of Computer , Limitation of Computer, Classification of Computer, Application of Computer, Characteristics of Computer, Computer Generation, Memory; Number System – Binary, Octal, Decimal, Hexadecimal Number System, Conversion from One system to another; Software and Hardware-Types of Software, Computer Language, Language Translator, Operating System; Storage Device -Floppy Disk, Hard Disk. CD Rom, Flash Drive/ Pen Drive, Zip Drive, Blue Ray Disk; Input output Disk- Need of I/O device, Keyboard, Mouse, Joystick, Scanner, Web cam, Digital Camera, Light Pen, Digitizer, Microphone, Touch Screen, OCR, OMR, Monitor, 3 Printer	20
Unit-2 Communication and Internet Technology	3-Computer Communication & Network 4-Internet Technology	Computer Network- Computer communication, requirements of communication, Communication medium, Types of data communication, Introduction to Computer Network, Categories of computer networks, Definition, Necessity of Computer Network, Network topologies, Types of Computer Network; Network devices, Internet & Internet Technology- Introduction of Internet, Internet Technology, WWW, website, webpage, web server, search engine, E-mail, URL, HTTP, domain name, IP address, FTP, downloading, uploading	20
Unit-3 Processing Tools	5-Microsoft Windows 6- Microsoft Office	Windows - Introduction, Characteristics of Windows, Desktop, Windows Accessories, File management in Windows, Windows Taskbar, Start Menu; Microsoft Office – Introduction, Create, Save, Print Document, Formatting toolbar, Paragraph formatting, Page formatting Undo, Redo, Insert Header and Footer, Checking Spelling and Grammar, Search and Replace, Insert Images, Create and Insert table, Page Numbering, Border and Shading; Power Point— Introduction, Create presentation, Print presentation, Different types of presentation, Insert Animation effect, Slide layout	20

Unit-4 Information Communication Technology Application & Its Social Impacts	7-Applications of ICT 8-Social Impacts of ICT	Application of ICT - Usages of information technology, Social Networking, E- Learning, Internet Banking, E-Booking, On-line Shopping, E-Governance, E-Health E-Medicine, E-Commerce, E-Designing, E-Mitra ; Social Impacts of ICT-Effects of Social networking sites, Cyber Security, Cyber Bulling, Internet Addiction, Plagiarism, Privacy, Reliability of Information, Authenticity of Information	10
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Practical Syllabus for Board Examination-2021-2022

Concept of Information Technology-I (Practical) (Class-IX)

Instruction for Examiner:

For practical examination question paper will be not be provided by the B.S.E.R, Ajmer. Practical examination will be conducted by the examiner based on the facility of computer lab available in the school as per the following mark-wise scheme and prescribed syllabus.

S. No.	Subject	Marks
1	Windows	7
2	M.S. Office	7
3	Internet Uses	6
4	Practical Record	5
5	Viva-Voice	5

Note :- The marks weightage scheme for the practical examination will be as follows –

1	In the final practical examination, every student will be given two programs of 7 marks each from Windows, M.S. Office(7*2=14marks) and one program of 6 marks related to the use of Internet to be performed on the computer	(20 Marks)
2	Each student will prepare a Record file of programs related to all the units.	(5 Marks)
3	An oral examination of each student will be taken by the examiner	(5 Marks)