

INFORMATION TECHNOLOGY YEAR PLAN FORM V

WEEK	TOPIC	OBJECTIVES/Sub Topics	ASSESSMENT
1	Computer Fundamentals	<ul style="list-style-type: none"> • Major types of computer systems • Functions of major hardware components (RAM, ROM, Storage devices) • Cloud vs local storage 	HW assignment
2	SBA	<ul style="list-style-type: none"> • Introduction of the SBA 	
3-4	Types of software	<ul style="list-style-type: none"> • Different types of software. (System software & Application Software) • Different Application software (custom written, general purpose etc.) • Various Interfaces 	Unit test
	SBA	Spreadsheet	
5-6	Impact of computers on job skills and careers	<ul style="list-style-type: none"> • Effects of automation on jobs • Job loss vs productivity gains • Social impact • Changes in work patterns • Cashless society 	Unit test
	SBA	Spreadsheet	
7-8	Databases	<ul style="list-style-type: none"> • Computerized vs manual databases • Different parts of a database • Creating databases using multiple tables • Manipulating databases 	Quiz/Test
	SBA	Database	
9-10	Information Processing Fundamentals	<ul style="list-style-type: none"> • Evaluate the reliability of information obtained from online sources (authenticity, reliability, currency, 	HW assignment

		relevance, bias)	
	SBA	Database	
11-12	The impact of information and communications technology on select fields.	Economic implications of ICT on <ul style="list-style-type: none"> • Education • Medicine • Business • Law Enforcement • Recreation. 	Unit test
	SBA	Word Processing/Web Page	
13	Current Technological trends	<ul style="list-style-type: none"> • AI • Computers in design and manufacturing • Computers in business and education 	Test
	SBA	Problem solving & programming	

Term 2

WEEK	TOPIC	OBJECTIVES/Sub Topics	ASSESSMENT
1-2	Assess the importance of mobile communication technologies as a component of modern communication	Suitability of mobile networks to various applications (for example, education, commerce, and journalism).	
	SBA	Finalize SBA	
3-5	Transaction Processing	<ul style="list-style-type: none"> • Multi Users • Time-sharing • Batch Processing 	Test
6-7	Explain the interrelationship among key Web technology concepts.	<ul style="list-style-type: none"> • World Wide Web. • Hypertext Markup Language. • Hypertext Transfer Protocol. • Hyperlinks. • Web Server. • Web Page. • File Transfer Protocol. 	
8	Transaction Processing	<ul style="list-style-type: none"> • Multi Users • Time-sharing • Batch Processing 	
9	Distinguish among types of networks;	<ul style="list-style-type: none"> • LAN • WAN • MAN • Concept of mobile network as radio based common carrier. • Overview of mobile networks: from 2G to current 	
REVIEW/ PAST PAPER PRACTICE			