

THE WISDOM GLOBAL SCHOOL**SYLLABUS BIFURCATION****GRADE XI****SUBJECT:- INFORMATICS PRACTICES XI****NAME OF BOOKS: INFORMATICS PRACTICES XI****YEAR 2024-25****NAME OF THE TEACHER:- KAPIL SHARMA**

S.NO	BOOK NAME	MONTH	CHAPTER NUMBER	CHAPTER NAME	SUB-TOPICS	NO. OF DAYS REQUIRED	ACTIVITY /PROPS	SMART BOARD(PPT/VIDEO)	CHARTS
1	INFORMATICS PRACTICES XI	JULY	1	INTRODUCTION TO COMPUTER SYSTEM	INTRODUCTION	2	NO	NO	NO
					COMPUTER SYSTEM	4	NO	NO	NO
					COMPUTER SYSTEM AND DATA	4	NO	NO	NO
					SOFTWARE	1	NO	NO	NO
2		2	GETTING STARTED WITH PYTHON			2	NO	NO	NO
				WORKING IN PYTHON	2	NO	NO	NO	
				UNDERSTANDING FIRST PROGRAM	2	NO	NO	NO	
3		AUGUST	3	PYTHON FUNDAMENTALS	PYTHON CHARACTER SET	3	NO	NO	NO
					TOKENS	5	NO	NO	NO
					VARIABLES AND ASSIGNMENT	2	NO	NO	NO
	SIMPLE INPUT AND OUTPUT				3	NO	NO	NO	

4			4	DATA HANDLING	DATA TYPES	5	NO	NO	NO
					MUTABLE AND IMMUTABLE TYPES		3	NO	NO
			SEPTEMBER	4	DATA HANDLING	OPERATORS	5	NO	NO
		MATHS MODULE				3	NO	NO	NO
		EXPRESSIONS, DEBUGGING				2	NO	NO	NO
							NO	NO	NO

MID TERM ASSESSMENT

5	INFORMATICS PRACTICES XI	OCTOBER	5	FLOW OF CONTROL	INTRODUCTION	2	YES	NO	NO
					STATEMENTS FLOW CONTROL	2	YES	NO	NO
					CONDITIONAL STATEMENTS	3	YES	NO	NO
					THE RANGE()	1	YES	NO	NO
					LOOPING CONTROL STATEMENTS	3	YES	NO	NO
		6	LIST MANIPULATION	INTRODUCTION	1	YES	NO	NO	
				CREATING AND ACCESSING LIST	1	YES	NO	NO	
				LIST OPERATIONS	2	YES	NO	NO	
				LIST FUNCTIONS AND METHODS	2	YES	NO	NO	
				LIST MANIPULATIONS	2	YES	NO	NO	
		NOVEMBER	7	DICTIONARIES	INTRODUCTION	1	YES	NO	NO
					WORKING WITH DICTIONARIES	5	YES	NO	NO

					FUNCTION AND METHODS	5	YES	NO	NO		
								NO	NO		
6	INFORMATICS PRACTICES XI	DECEMBER	8	UNDERSTANDING DATA	DATA AND ITS PURPOSE	1	YES	NO	NO		
					DATA PROCESSING CYCLE	1	YES	NO	NO		
					BASIC STATISTICAL TECHNIQ FOR DATA PROCESSING	1	NO	NO	NO		
			10	DATABASE CONCEPTS	INTRODUCTION	1	NO	NO	NO		
					FILE BASED SYSTEM	1	NO	NO	NO		
		RDBMS			2	NO	NO	NO			
		THE RELATIONAL MODEL TERMINOLOGY			2	NO	NO	NO			
		MYSQL AND SQL	2	NO	NO	NO					
		POST MID TERM ASSESSMENT									
					9	WORKING WITH NUMPY	INTRODUCTION	1	NO	NO	NO
			NUMPY ARRAYS	2			NO	NO	NO		
			NUMPY DATA TYPES	2			YES	NO	NO		
			CREATING NUMPY ARRAY	2			YES	NO	NO		
			ARITHMETIC OPERATIONS ON NUMPY ARRAYS	2			YES	NO	NO		

7	INFORMATICS PRACTICES XI	JANUARY			USING FUNCTION WITH NUMPY ARRAYS	2	YES	NO	NO
			11	SQL	SOME MYSQL SQL ELEMENTS	2	YES	NO	NO
					DATABASE IN MYSQL	2	YES	NO	NO
					CREATING TABLES	2	YES	NO	NO
					INSERTING DATA IN TABLES	2	YES	NO	NO
8		FEBRUARY	11	SQL	MAKING SIMPLE SELECT QUERIES	4	YES	NO	NO
					MORE DDL COMMANDS	3	YES	NO	NO
					MORE DML COMMANDS	3	YES	NO	NO
			12	EMERGING TRENDS	INTRODUCTION	1	NO	PPT	NO
					AI	2	NO	PPT	NO
					ROBOTICS	2	NO	PPT	NO
	IOT				2	NO	PPT	NO	
	BLOCKCHAIN TECHNOLOGY				2	NO	PPT	NO	
GRID COMPUTING	1	NO	PPT	NO					
CLOUD COMPUTING	1	NO	PPT	NO					
BIG DATA	1	NO	PPT	NO					
FINAL ASSESSMENT									