NAME OF THE BOOKS : **DIGICODE AI - 2**
PUBLISHER'S NAME : **ORANGE EDUCATION**

SYLLABUS-CLASS-II FOR THE SESSION 2026-27

HALF YEARLY EXAMINATION 2026-27			**GRADES**
SL	**CHAPTER NO.**	**NAME OF THE CHAPTER**	
1	1	WORKING OF A COMPUTER	SKILLS AND APTITUDE GRADES ARE AWARDED AT THE END OF HALF YEARLY AND ANNUAL EXAM
2	2	MORE ON PAINT	
3	4	REASONING AND ANALYSIS	
ANNUAL EXAMINATION 2026-27			
4	3	INTRODUCTION TO WORD	
5	7	AI MACHINE AROUND US	
6	8	AI IN GAMES AND MOVIES	

NAME OF THE BOOKS : **DIGICODE AI - 3**
PUBLISHER'S NAME : **ORANGE EDUCATION**

SYLLABUS-CLASS-III FOR THE SESSION 2026-27

HALF YEARLY EXAMINATION 2026-27			**GRADES**
SL	**CHAPTER NO.**	**NAME OF THE CHAPTER**	
1	1	INTRODUCTION TO WINDOWS 10	SKILLS AND APTITUDE GRADES ARE AWARDED AT THE END OF HALF YEARLY AND ANNUAL EXAMINATION
2	2	EDITING AND FORMATTING ON WORD	
3	3	LET'S LEARN PAINT 3D	
ANNUAL EXAMINATION 2026-27			
4	6	INTRODUCTION TO SCRATCH	
5	8	APPLICATIONS OF AI	
6	9	INTRODUCTION TO ROBOTS.	

NAME OF THE BOOKS : **DIGICODE AI - 4**
PUBLISHER'S NAME : **ORANGE EDUCATION**

SYLLABUS-CLASS-IV FOR THE SESSION 2026-27

HALF YEARLY EXAMINATION 2026-27			
SL	**CHAPTER NO.**	**NAME OF THE CHAPTER**	**MARKS**
1	1	MORE ON WINDOWS 10	**40 MARKS** & SKILLS AND APTITUDE GRADES ARE AWARDED AT THE END OF HALF YEARLY AND ANNUAL EXAM.
2	2	GRAPHICS IN WORD	
3	3	TABLES IN WORD	
4	9	AI TIMELINE	
		PRACTICAL/HW/CW/PROJECT	10
		TOTAL	**50**
ANNUAL EXAMINATION 2026-27			
5	4	INTRODUCTION TO POWERPOINT 2016	**40 MARKS** & SKILLS AND APTITUDE GRADES ARE AWARDED AT THE END OF HALF YEARLY AND ANNUAL EXAM.
6	5	MORE ON INTERNET	
7	7	BLOCKS IN SCRATCH	
8	8	AI & NON-AI ROBOTS	
		PRACTICAL/HW/CW/PROJECT	10
		TOTAL	**50**

NAME OF THE BOOKS : **DIGICODE AI - 5**
PUBLISHER'S NAME : **ORANGE EDUCATION**

SYLLABUS-CLASS-V FOR THE SESSION 2026-27

HALF YEARLY EXAMINATION 2026-27			
SL	**CHAPTER NO.**	**NAME OF THE CHAPTER**	**MARKS**
1	1	DATA STORAGE AND MEMORY	**40 MARKS** & SKILLS AND APTITUDE GRADES ARE AWARDED AT THE END OF HALF YEARLY AND ANNUAL EXAM.
2	2	INTRODUCTION TO EXCEL 2016	
3	6	CREATING SHAPES IN SCRATCH	
4	7	ADVANCED BLOCKS & GAME CREATION	
		PRACTICAL/HW/CW/PROJECT	10
		TOTAL	**50**
ANNUAL EXAMINATION 2026-27			
1	3	MORE ON POWERPOINT 2016	**40 MARKS** & SKILLS AND APTITUDE GRADES ARE AWARDED AT THE END OF HALF YEARLY AND ANNUAL EXAM.
2	8	AI IN POPULAR APPS	
3	9	TRENDING ROBOTS	
		PRACTICAL/HW/CW/PROJECT	10
		TOTAL	**50**

NAME OF THE BOOKS : **COMPUTER LEARNING - 6**
PUBLISHER'S NAME : **DHANPAT RAI & CO. (PVT.) LTD.**

SYLLABUS-CLASS-VIII FOR THE SESSION 2026-27

HALF YEARLY EXAMINATION 2026-27			
SL	**CHAPTER NO.**	**NAME OF THE CHAPTER**	**MARKS**
1	1	COMPUTERS' AND COMPUTER LANGUAGES' TYPES	15
2	2	FILE MANAGEMENT – ORGANIZATION OF DATA	12
3	3	WORD PROCESSOR – TABULAR PRESENTATION	13
		PRACTICAL/HW/CW/PROJECT	10
		TOTAL	50
ANNUAL EXAMINATION 2026-27			
6	4	PRESENTATION BASICS WITH POWERPOINT	15
7	5	AN INTRODUCTION TO SCRATCH PROGRAMMING	15
8	6	SCRATCH BLOCK TYPES	10
		PRACTICAL/HW/CW/PROJECT	10
		TOTAL	50

NAME OF THE BOOKS : **COMPUTER LEARNING - 7**
PUBLISHER'S NAME : **DHANPAT RAI & CO. (PVT.) LTD.**

SYLLABUS-CLASS-VII FOR THE SESSION 2026-27

HALF YEARLY EXAMINATION 2026-27			
SL	**CHAPTER NO.**	**NAME OF THE CHAPTER**	**MARKS**
1	1	COMPUTER HARDWARE – INTERNAL & EXTERNAL	12
2	4	PRESENTATION – VISUAL EFFECTS	10
3	6	INTRODUCTION TO PYTHON	08
4	11	INTRODUCTION TO AI	10
		PRACTICAL/HW/CW/PROJECT	10
		TOTAL	50
ANNUAL EXAMINATION 2026-27			
5	7	PYTHON VARIABLES AND EXPRESSIONS	08
6	8	PYTHON DATATYPES AND STATEMENTS	10
7	9	INTERNET BASICS	12
8	10	COMPUTER VIRUS	10
		PRACTICAL/HW/CW/PROJECT	10
		TOTAL	50

NAME OF THE BOOKS : **COMPUTER LEARNING - 8**
PUBLISHER'S NAME : **DHANPAT RAI & CO. (PVT.) LTD.**

SYLLABUS-CLASS-VIII FOR THE SESSION 2026-27

HALF YEARLY EXAMINATION 2026-27			
SL	**CHAPTER NO.**	**NAME OF THE CHAPTER**	**MARKS**
1	1	NUMBER SYSTEM – AN INTRODUCTION	06
2	2	SPREADSHEET – RANGES AND FUNCTIONS	10
3	3	CHARTS IN MS-EXCEL	08
4	8	NETWORKS	10
5	9	AI, IOT AND SMART LIVING	06
		PRACTICAL/HW/CW/PROJECT	10
		TOTAL	50
ANNUAL EXAMINATION 2026-27			
6	4	PYTHON CONDITIONALS	06
7	5	PYTHON LOOPS	10
8	6	DATABASE AND DBMS – AN INTRODUCTION	12
9	7	ETHICS AND SAFETY MEASURES IN COMPUTING	12
		PRACTICAL/HW/CW/PROJECT	10
		TOTAL	50

NAME OF THE BOOKS : **INFORMATION TECHNOLOGY (402), CLASS-IX**
PUBLISHER'S NAME : **DHANPAT RAI & CO. (PVT.) LTD.**

SYLLABUS-CLASS-IX FOR THE SESSION 2026-27

1ST QUARTERLY EXAM			
SL	**UNIT NO.**	**NAME OF THE CHAPTER**	**MARKS**
01	A-UNIT-3	BASIC ICT SKILLS-I	05
02	B-UNIT-3	DIGITAL DOCUMENTATION	20
		PRACTICAL/HW/CW/PROJECT	25
		TOTAL	**50**
HALF YEARLY EXAMINATION 2026-27			
SL	**UNIT NO.**	**NAME OF THE CHAPTER**	**MARKS**
01	A-UNIT-2	SELF-MANAGEMENT	10
02	A-UNIT-3	BASIC ICT SKILLS-I	
03	B-UNIT-1	INTRODUCTION TO IT-ITES INDUSTRY	10
04	B-UNIT-2	DATA ENTRY AND KEYBOARDING SKILLS	10
05	B-UNIT-3	DIGITAL DOCUMENTATION	20
		PRACTICAL/HW/CW/PROJECT	50
		TOTAL	**100**
2ND QUARTERLY EXAM			
SL	**UNIT NO.**	**NAME OF THE CHAPTER**	**MARKS**
01	A-UNIT-4	ENTREPRENEURIAL SKILLS	05
02	B-UNIT-4	ELECTRONIC SPREADSHEET	20
		PRACTICAL/HW/CW/PROJECT	25
		TOTAL	**50**
ANNUAL EXAMINATION 2026-27			
SL	**UNIT NO.**	**NAME OF THE CHAPTER**	**MARKS**
01	A-UNIT-1	COMMUNICATION SKILLS-I (02)	10
02	A-UNIT-2	SELF-MANAGEMENT -I (03)	
03	A-UNIT-3	BASIC ICT SKILLS-I (01)	
04	A-UNIT-4	ENTREPRENEURIAL SKILLS-I (03)	
05	A-UNIT-5	GREEN SKILLS-I (01)	
05	B-UNIT-1	INTRODUCTION TO IT-ITES INDUSTRY	05
06	B-UNIT-2	DATA ENTRY AND KEYBOARDING SKILLS	05
06	B-UNIT-3	DIGITAL DOCUMENTATION	10
07	B-UNIT-4	ELECTRONIC SPREADSHEET	10
08	B-UNIT-5	DIGITAL PRESENTATION	10
		TOTAL	**50**

PRACTICAL WORK

SL	**PRACTICAL WORK**	**MARKS**
01	PRACTICAL EXAMINATION	15
02	WRITTEN TEST	10
03	VIVA VOCE	10
04	PRACTICAL FILE / STUDENT PORTFOLIO	10
05	VIVA-VOCE	05
	TOTAL	**50**

NAME OF THE BOOKS : **INFORMATION TECHNOLOGY (402), CLASS-X**
PUBLISHER'S NAME : **DHANPAT RAI & CO. (PVT.) LTD.**

SYLLABUS-CLASS-X FOR THE SESSION 2026-27

1ST QUARTERLY EXAM			
SL	**UNIT NO.**	**NAME OF THE CHAPTER**	**MARKS**
01	A-UNIT-3	BASIC ICT SKILLS-II	05
02	B-UNIT-1	DIGITAL DOCUMENTATION (ADVANCED)	20
		PRACTICAL/HW/CW/PROJECT	25
		TOTAL	**50**
HALF YEARLY EXAMINATION 2026-27			
SL	**UNIT NO.**	**NAME OF THE CHAPTER**	**MARKS**
02	A-UNIT-2	SELF-MANAGEMENT SKILLS	10
03	A-UNIT-3	BASIC ICT SKILLS-II	
04	B-UNIT-1	DIGITAL DOCUMENTATION (ADVANCED)	20
05	B-UNIT-2	ELECTRONIC SPREADSHEET (ADVANCED)	20
		PRACTICAL/HW/CW/PROJECT	50
		TOTAL	**100**
2ND QUARTERLY EXAM			
SL	**UNIT NO.**	**NAME OF THE CHAPTER**	**MARKS**
01	A-UNIT-4	ENTREPRENEURIAL SKILLS	05
02	B-UNIT-4	MAINTAIN HEALTHY, SAFE AND SECURE WORKING ENVIRONMENT	20
		PRACTICAL/HW/CW/PROJECT	25
		TOTAL	**50**

PRE-BOARD/BOARD EXAM			
	UNIT NO.	**NAME OF THE CHAPTER**	**MARKS**
PART-A	UNIT-1	COMMUNICATION SKILLS-II	02
	UNIT-2	SELF-MANAGEMENT SKILLS-II	03
	UNIT-3	ICT SKILLS-II	01
	UNIT-4	ENTREPRENEURIAL SKILLS-II	03
	UNIT-5	GREEN SKILLS-II	01
PART-B	UNIT-1	DIGITAL DOCUMENTATION (ADVANCED) USING LIBREOFFICE WRITER	08
	UNIT-2	ELECTRONIC SPREADSHEET (ADVANCED) USING LIBREOFFICE CALC	10
	UNIT-3	DATABASE MANAGEMENT SYSTEM USING LIBREOFFICE BASE	12
	UNIT-4	MAINTAIN HEALTHY, SAFE AND SECURE WORKING ENVIRONMENT	10
		TOTAL (THEORY)	**50**
PART-C	**PRACTICAL EXAMINATION**		
	DIGITAL DOCUMENTATION (ADVANCED) USING LIBREOFFICE WRITER		05
	ELECTRONIC SPREADSHEET (ADVANCED) USING LIBREOFFICE CALC		05
	DATABASE MANAGEMENT SYSTEM USING LIBREOFFICE BASE		10
	VIVA VOCE		10
PART-D	**PROJECT WORK/FIELD VISIT:** ANY INTERDISCIPLINARY REAL WORLD CASE STUDY TO BE TAKEN. SUMMARIZED DATA REPORTS OF SAME CAN BE PRESENTED IN BASE. INPUT SHOULD BE TAKEN USING FORMS AND OUTPUT SHOULD BE DONE USING REPORTS USING BASE. DOCUMENTATION OF THE CASE STUDY SHOULD BE PRESENTED USING WRITER.		10
	PORTFOLIO/ PRACTICAL FILE: (PORTFOLIO SHOULD CONTAIN PRINTOUTS OF THE PRACTICAL DONE USING WRITER, CALC AND BASE WITH MINIMUM 5 PROBLEMS OF EACH)		10
		TOTAL (PRACTICAL AND PROJECT WORK)	**50**