

# TEACHING PLAN

## PEDAGOGY OF MATHEMATICS

### DAYS WAISE SYLLBUS

Incharge –

S. NO	DATE	TOPIC	PPT	VEDIOS	NOTES
		<b>UNIT - I</b>			
1	10.12.20	CONCEPT & NATURE OF MATHEMATICS			Y
2	11.12.20	TRUTH, LOGIC & REASONING			Y
3	12.12.20	MATHEMATICAL LANGUAGE & SYMBOLOSM			
4	14.12.20	BUILDING BLOCK OF MATHEMATICS			
5	15.12.20	AXIOMS & PROPOSITIONS			Y
6	16.12.20	POSTULATES & QUANTIFIERS			Y
7	17.12.20	TYPES OF MATHEMATICAL PROPOSITIONS			Y
8	18.12.20	TRUTH VALUES & TRUTH TABLES			
9	19.12.20	OPEN SENTENCES & LOGICALLY VALID CONCLUSIONS			
10	21.12.20	IMPLICATIONS- NECESSARY & SUFFICIENT CONDITIONS			
11	22.12.20	PROOF- DIRECT, CONVERSE			Y
12	23.12.20	INVERSE & CONTRAPOSTIVE			Y
13	24.12.20	CONTRIBUTION OF ARYABHATTA IN MATHEMATICIANS			Y
14	26.12.20	CONTRIBUTION OF RAMANUJAN IN MATHEMATICIANS			Y
15	28.12.20	CONTRIBUTION OF PYTHAGORAS IN MATHEMATICIANS			

16	29.12.20	CONTRIBUTION OF EUCLIDAESTHETICSBY BIRKHOFF IN MATHEMATICIANS			
		<b>UNIT - II</b>			
17	30.12.20	NEED & OBJECTIVE OF TEACHING MATHEMATICS			Y
18	1.1.21	WRITING SPECIFIC OBJECTIVE & TEACHING POINTS			Y
19	2.1.21	ALGEBRA WITH SPECIAL REFERENCE TO BLOOM TAXONOMY			Y
20	4.1.21	GEOMETRY WITH SPECIAL REFERENCE TO BLOOM TAXONOMY			Y
21	5.1.21	TRIGONOMETRY WITH SPECIAL REFERENCE TO BLOOM TAXONOMY			Y
22	6.1.21	ACTIVITY BASED APPROACHES			Y
23	7.1.21	INDUCTIVE- DEDUCTIVE APPROACHES			Y
24	8.1.21	ANALYSIC-SYNTHETIC APPROACHES			Y
25	9.1.21	PROBLEM SOLVING			Y
		<b>UNIT - III</b>			
26	11.1.21	NEED, IMPORTANCE & QUALITY OF TEXTBOOKS			Y
27	12.1.21	SELECTION & DESIGNING OF AUDIO-VISUAL MULTIMEDIA			Y
28	13.1.21	COMMUNITY RESOURCES FOR MATHEMATICS LEARNING			
29	15.1.21	POOLING OF LEARNING RESOURCES IN SCHOOL COMPLEX, BLOCK, DISTRICT LEVEL			
30	16.1.21	HANDLING HURDLES IN UTILISING RESOURCES			
		<b>UNIT - IV</b>			
31	18.1.21	CONCEPT & NATURE OF FORMATION			Y
32	19.1.21	CONCEPT OF ASSIMILATION			Y
33	20.1.21	ATTAINMENT MODEL IN TEACHING MATHEMATICS			Y
34	21.1.21	SUPPLEMENTARY TEXT MATERIAL			

<b>35</b>	<b>22.1.21</b>	<b>SUMMER PROGRAMMES</b>			
<b>36</b>	<b>23.1.21</b>	<b>CORRESPONDENCE COURSE</b>			