

TABLE OF SPECIFICATIONS PHYSICS 1ST YEAR

TABLE 1: NO OF ITEMS AND MARKS DISTRIBUTION

Items	No of items	Marks for each item	Total marks	Marks obtained
MCQS	18	1	18	18
RRQS	10/13	4	52	40
ERQS	3/4	9	36	27
TOTAL			106	85

TABLE 2: COGNITIVE LEVEL OF ITEMS

Items	No of items	Knowledge	Understanding	Application
MCQS	18	4 (25%)	10 (50%)	4 (25%)
RRQS	10/ 13	3 (23%)	7 (54%)	3 (23%)
ERQS	3/ 4	1 (25%)	1 (25%)	1 (25%)

TABLE 3: DIFFICULTY LEVEL OF ITEMS

Items	No of items	Easy	Moderate	Difficult
MCQS	18	5 (28%)	8 (44%)	5 (28%)
RRQS	10/ 13	3 (23%)	7 (46%)	3 (23%)
ERQS	3/ 4	1 (25%)	2 (50%)	1 (25%)

TABLE 4: PAPER SETTING CRITERIA

Unit No	Name of Unit	Weightage in assessment %age	TEST ITEMS FROM EACH CHAPTER						
			MCQS	RRQS	ERQS	Marks Distribution			
						MCQS	RRQS	ERQS	TOTAL
1	Measurement	8	1	2	--	1	8	--	9
2	Vectors and Equilibrium	10	3	2	--	3	8	--	11
3	Forces and Motion	12	3	--	1	3	--	9	12
4	Work and Energy	10	3	2	--	3	8	--	11
5	Rotational and circular Motion	12	3	--	1	3	--	9	12
6	Fluid Dynamics	8	1	2	--	1	8	--	9
7	Oscillations	9	1	--	1	1	-	9	10
8	Waves	12	1	3	--	1	12	--	13
9	Physical Optics	9	1	2	--	1	8	--	9
10	Thermodynamics	10	1	--	1	1	--	9	10
		100	18	13	4	18	52	36	106

Total SLOs

Item	Knowledge ability %age	Understanding ability %age	Application ability %age
1	24	57	19