

TABLE OF SPECIFICATION (TOS)-PHYSICS 2nd 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
Totals (Marks Set):			106	85

TABLE 2: COGNITIVE LEVEL OF ITEMS

Items	No. of items	Knowledge	Comprehension/Understanding	Application
MCQS	18	5(31%)	10(50%)	3(19%)
RRQS	10/13	4 (31%)	6(46%)	3 (23%)
ERQS	3/4	1 (25%)	2(50 %)	1 (25 %)

TABLE 3: DIFFICULTY LEVEL OF ITEMS

Items	No. of items	Easy	Moderate	Difficult
MCQS	18	5(31%)	10(50%)	3(19%)
RRQS	10/13	4 (31%)	6(46%)	3 (23%)
ERQS	3/4	1 (25%)	2 (50 %)	1 (25 %)

TABLE 4: PAPER SETTING CRITERIA

Unit #	Chapter Name	Weightage in Assessment (in %)	TEST ITEMS FROM EACH CHAPTER						
			MCQS	RRQ S	ERQS	Marks Distribution			Total Marks
						MCQS [1×1]	RRQS [1×4]	ERQS [5+4=9]	
11	Electrostatics	12%	3	-	1	3	-	9	12
12	Current Electricity	10%	2	2	-	2	8	-	10
13	Electromagnetism	10%	1	-	1	1	-	9	10
14	Electromagnetic Induction	12%	1	3	-	1	12	-	13
15	Alternating Current	10%	2	-	1	2	-	9	11
16	Physics of Solids	7%	3	1	-	3	4	-	7
17	Electronics	7%	1	2	-	1	8	-	9
18	Dawn of Modern Physics	10%	2	-	1	2	-	9	11
19	Atomic Spectra	10%	2	2	-	2	8	-	10
20	Nuclear Physics	12%	1	3	-	1	12	-	13
Totals		100%	18	13	4	18	52	36	106

Total SLOs		
Knowledge ability %age	Comprehension/Understanding ability %age	Application ability %age
28	51	21

Note:

- The cognitive level distribution (Knowledge 30%, Comprehension 50%, Application 20%) specified in the Table of Specification will be maintained in the annual/examination papers, with a permissible variation of $\pm 5\%$.
- The difficulty level distribution (Easy 30%, Moderate 50%, Difficult 20%) specified in the Table of Specification will also be maintained in the annual/examination papers, with a permissible variation of $\pm 5\%$.
- The overall weightage of marks allocated to each unit/chapter will remain the same in the annual/examination papers, while the weightage for different types of questions (MCQs, RRQs, ERQs) may vary as long as the prescribed unit/chapter-wise distribution is preserved.