

TABLE OF SPECIFICATIONS PHYSICS 9TH

Table 1: No of items and marks distribution

Items	No of items	Marks for each item	Total Marks	Marks Obt
MCQs	12	1	12	12
RRQs	8/11	4	44	32
ERQs	3/4	7	28	21
Total		-		65

Table 2: Cognitive level of No of items

Items	No of items	Knowledge	Understanding	Application
MCQs	12	3 (25%)	7 (58%)	2 (17%)
RRQs	11	3 (27%)	6(55%)	2(18%)
ERQs	04	1(25%)	2(50%)	1(25%)

Table 3: Difficulty level of items

Items	No of items	Easy	Moderate	Difficult
MCQs	12	4 (33%)	6(50%)	2 (17%)
RRQs	11	4 (36%)	5(45%)	2(19%)
ERQs	04	1(25%)	2(50%)	1(25%)

Paper setting criteria for Grade -9 Physics

Chapters	Name of chapter	Weightage in assessment %age	Test items in each chapter					
			MCQS	RRQ	ERQS	Marks distribution		
1.	Physical quantities and measurement	12	1	1	-	1	4	
2.	Kinematics	12	1	1	1+1	1	4	3+4
3.	Dynamics	14	2	2	-	2	8	
4.	Turning effect of force	12	2	2	-	2	8	-
5.	Gravitation	10	1	1	1+1	1	4	3+4
6.	Work and energy	10	2	2		2	8	
7.	Properties of matter	10	1	1	1+1	1	4	3+4
8.	Thermal properties of matter	14	1	-	1+1	1	-	3+4
9.	Transfer of heat	6	1	1	-	1	4	-
			12	11	08	12	44	28

Total SLOs (120) Physics 9th

Item	Knowledge ability %age	Understanding ability %age	Application ability %age
1.	26	54	20