

TABLE OF SPECIFICATIONS PHYSICS

GRADE 9NO OF ITEMS AND MARKS DISTRIBUTION

Items	No of items	Marks for each item	Total Marks	Marks Obtained
MCQs	15	1	15	15
RRQs	10/15	3	45	30
ERQs	2/4	10	40	20
Total				65

COGNITIVE LEVEL OF ITEMS

Items	No of items	Knowledge	Understanding	Application
MCQs	15	3(20%)	9(60%)	3(20%)
RRQs	15	3(20%)	9(60%)	3(20%)
ERQs	04	1(25%)	2(50%)	1(25%)

DIFFICULTY LEVEL OF ITEMS

Items	No of items	Easy	Moderate	Difficult
MCQs	15	5(33%)	8(53%)	2(14%)
RRQs	15	6(40%)	7(47%)	2(13%)
ERQs	04	1(25%)	2(50%)	1(25%)

Paper setting criteria for Grade 9 Physics								
S.#	Chapter Name	Weightage in assessment %age	Test items in each chapter			Marks Distribution		
			MCQs	RRQs	ERQs	MCQs	RRQs	ERQs
			1.	PHYSICAL QUANTITIES AND MEASUREMENT	5	2	1	0
2.	KINEMATICS	14	2	2	1	2	6	6
3.	DYNAMICS	14	2	2	1	2	6	6
4.	TURNING EFFECT OF FORCES	12	2	2	1	2	6	4
5.	GRAVITATION	9	2	1	1	2	3	4
6.	WORK AND ENERGY	11	1	2	1	1	6	4
7.	PROPERTIES OF MATTER	13	1	2	1	1	6	6
8.	THERMAL PROPERTIES OF MATTER	14	2	2	1	2	6	6
9.	TRANSFER OF HEAT	08	1	1	1	1	3	4
			15	15	08	15	45	40

Total SLOs Physics Grade 9

Knowledge ability %age	Understanding ability %age	Application ability %age
22	56	22