

PAKISTAN INTERNATIONAL SCHOOL BURAIDAH,
AL-QASSIM. SAUDI ARABIA.



PHYSICS

SYLLABUS

CLASS IX

(Federal)

PAKISTAN INTERNATIONAL SCHOOL, BURAIDAH
SYLLABUS BREAKUP

Class: IX Subject: PHYSICS-9

Number of Teaching Weeks in First Term: (1 - 14)

Number of Teaching Weeks in Second Term: (15 - 28)

Name of Text Book:

Week No.	Chapter No.	Day	Topic	Book Page Numbers
1	6	Day 1	6.1 WORK	138
		Day 2	6.2 ENERGY AND ITS FORMS	139
		Day 3	6.2.1 KINETIC ENERGY	140
		Day 4	6.2.2 POTENTIAL ENERGY	142
2	6	Day 1	3 ENERGY CONVERSION D CONSERVATION	145
		Day 2	3 ENERGY CONVERSION D CONSERVATION	146
		Day 3	6.3 MAJOR ENERGY RESOURCES	147
		Day 4	TEST	
3	6	Day 1	6.3 MAJOR ENERGY RESOURCES	150
		Day 2	6.3.2 NON RENEWABLE SOURCES	151
		Day 3	6.3.4 RENEWABLE SOURCES	152
		Day 4	TEST	
4	6	Day 1	6.4 POWER	158
		Day 2	6.5 EFFICIENCY	159
		Day 3	NUMERICAL RESPONSE QUESTIONS	164
		Day 4	TEST	
5	7	Day 1	7.1 DENSITY	166
		Day 2	7.2 MEASURING DENSITIES OF DIFFERENT SUBSTANCES	167
		Day 3	7.3 STATES OF MATTER	172
		Day 4	TEST	

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		Day 2	7.5 RELATIONSHIP BETWEEN THE MOTION OF PARTICLES AND	175
		Day 3	7.6 INTERNAL ENERGY AND TEMPERATURE OF ASUBSTANCE	176
		Day 4	TEST	
7	7-	Day 1	7.8 VARIATION IN PHYSICAL PROPERTIES	177
		Day 2	7.9 FIXED POINTS IN CALIBRATION OF THERMOMETRE	178
		Day 3	7.10 SENSITIVITY, RANGE AND LINEARITY OF THERMOMETRES	179
		Day 4	TEST	
7	8	Day 1	7.11 STRUCTURES AND FUNCTION OF LIQUID-IN-GLASS AND THERMOCOUPLE THERMOMETRES	181
		Day 2	7.12 EFFECT OF STRUCTURE OF A LIQUID-IN-GLASS THERMOMETRE ON ITS SENSITIVITY, RANGE AND LINEARITY	182
		Day 3	NUMERICAL RESPONSE QUESTIONS	186
		Day 4	TEST	
9	8	Day 1	8.1 DOMAIN THEORY OF MAGNETISM	188
		Day 2	8.2 MAGNETIC FIELD	189
		Day 3	8.2.3 Relative Strength of Magnetic Field:	190
		Day 4	TEST	
10	8	Day 1	8.3 INDUCED MAGNETISM	192
		Day 2	8.3 INDUCED MAGNETISM	193
		Day 3	8.3.1 TEMPORARY AND PERMANENT MAGNETICS:	194
		Day 4	TEST	
11	8	Day 1	8.3.2 USES OF PERMANENT MAGNETS AND ELECTROMAGNETS:	196
		Day 2	8.3.2 APPLICATIONS OF MAGNETS:	196
		Day 3	8.4 TYPES OF MAGNETIC MATERIALS	197
		Day 4	TEST	

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12	9	Day 1	8.4 TYPES OF MAGNETIC MATERIALS	198
		Day 2	8.5 EARTH'S MAGNETIC FIELD	200
		Day 3	NUMERICAL RESPONSE QUESTIONS	204
		Day 4	TEST	
13	9	Day 1	9.1 OBJECTIVES OF PHYSICS	206
		Day 2	9.2 FIELDS OF PHYSICS	208
		Day 3	9.3 HYPOTHESIS, THEORY AND LAW	210
		Day 4	TEST	
14	9	Day 1	DIFFERENCE BETWEEN THEORY AND LAW	210
		Day 2	9.4 SCIENCE, TECHNOLOGY AND ENGINEERING	211
		Day 3	9.4 SCIENCE, TECHNOLOGY AND ENGINEERING	211
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15	1	Day 1	REVISION: SHORT RESPONSE QUESTIONS	33
		Day 2	REVISION: NUMERICAL RESPONSE QUESTIONS	34
		Day 3	REVISION: LONG RESPONSE QUESTIONS	33
		Day 4	TEST	
16	2	Day 1	REVISION: SHORT RESPONSE QUESTIONS	58
		Day 2	REVISION: NUMERICAL RESPONSE QUESTIONS	59
		Day 3	REVISION: LONG RESPONSE QUESTIONS	59
		Day 4	TEST	
17	3	Day 1	REVISION: SHORT RESPONSE QUESTIONS	87
		Day 2	REVISION: SHORT RESPONSE QUESTIONS	87
		Day 3	REVISION: NUMERICAL RESPONSE QUESTIONS	88
		Day 4	TEST	

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18	3	Day 1	REVISION: NUMERICAL RESPONSE QUESTIONS	88
		Day 2	REVISION: LONG RESPONSE QUESTIONS	87
		Day 3	REVISION: LONG RESPONSE QUESTIONS	87
		Day 4	TEST	
19	4	Day 1	REVISION: SHORT RESPONSE QUESTIONS	112
		Day 2	REVISION: SHORT RESPONSE QUESTIONS	112
		Day 3	REVISION: NUMERICAL RESPONSE QUESTIONS	114
		Day 4	TEST	
20	4	Day 1	REVISION: NUMERICAL RESPONSE QUESTIONS	114
		Day 2	REVISION: LONG RESPONSE QUESTIONS	113
		Day 3	REVISION: LONG RESPONSE QUESTIONS	113
		Day 4	TEST	
21	5	Day 1	REVISION: SHORT RESPONSE QUESTIONS	134
		Day 2	REVISION: SHORT RESPONSE QUESTIONS	134
		Day 3	REVISION: NUMERICAL RESPONSE QUESTIONS	136
		Day 4	TEST	
22	5	Day 1	REVISION: NUMERICAL RESPONSE QUESTIONS	136
		Day 2	REVISION: LONG RESPONSE QUESTIONS	135
		Day 3	REVISION: LONG RESPONSE QUESTIONS	135
		Day 4	TEST	
23	6	Day 1	REVISION: SHORT RESPONSE QUESTIONS	163
		Day 2	REVISION: SHORT RESPONSE QUESTIONS	163
		Day 3	REVISION: NUMERICAL RESPONSE QUESTIONS	164
		Day 4	TEST	

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24	6	Day 1	REVISION: NUMERICAL RESPONSE QUESTIONS	164
		Day 2	REVISION: LONG RESPONSE QUESTIONS	163
		Day 3	REVISION: LONG RESPONSE QUESTIONS	163
		Day 4	TEST	
25	7	Day 1	REVISION: SHORT RESPONSE QUESTIONS	185
		Day 2	REVISION: NUMERICAL RESPONSE QUESTIONS	186
		Day 3	REVISION: LONG RESPONSE QUESTIONS	186
		Day 4	TEST	
26	8	Day 1	REVISION: SHORT RESPONSE QUESTIONS	204
		Day 2	REVISION: SHORT RESPONSE QUESTIONS	204
		Day 3	REVISION: NUMERICAL RESPONSE QUESTIONS	204
		Day 4	TEST	
27	8	Day 1	REVISION: NUMERICAL RESPONSE QUESTIONS	204
		Day 2	REVISION: LONG RESPONSE QUESTIONS	204
		Day 3	REVISION: LONG RESPONSE QUESTIONS	204
		Day 4	TEST	
28	9	Day 1	REVISION: SHORT RESPONSE QUESTIONS	213
		Day 2	REVISION: SHORT RESPONSE QUESTIONS	213
		Day 3	REVISION: LONG RESPONSE QUESTIONS	213
		Day 4	TEST	