

Subject: Physics 1st & 2nd Paper

First Term Exam

Total working days-65days

Allotted Period-51

Class Test-1 (Working days-26) Alloted Periods-21

First paper : 1 st Chapter - Physical world and Measurement	04 Periods
2 nd Chapter - Vector	09 Periods
3 rd Chapter – Dynamics	08 Periods

Class Test -2 (Working days-19) Alloted Periods-15

First paper : 10 th Chapter - Ideal Gas and Kinetic Theory of Gases	08 Periods
Second Paper: 6 th Chapter-Geometrical Optics	07 Periods

1st Term Examination (Working days-20) Alloted Periods-15

First Paper : 4 th Chapter –Newtonian Mechanics	09 Periods
and reaptation of Chapters of 1 st & 2 nd Class test	06 Periods

Marks Distribution of 1st Term Examination

Class Test- 1	20	} 40 ÷ 2 = 20
Class Test -2	20	
Class Attendance		05
1 st Term (Theoretical) -	} Creative- 40 MCQ- 35	75
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Marks Distribution of Theoretical Examination:

(a) Creative Question – 40 marks	
04 Questions are to be answered out of 06 creative Questions.	
Each Question carries 10 marks	40
(b) MCQ – 35 marks	
35 Questions are to be answered out of 35 MCQ.	
Each Question carries 01 marks	35
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	Total= 75

Annual Examination

Total working days-67 days

Allotted Period-54

Class Test-3 (Working days-17) Alloted Periods-14

First Paper : 5 th Chapter – Work ,Energy & Power	06 Periods
Second Paper : 1 st Chapter – Thermodynamics	08 Periods

Class Test -4 (Working days-29) Alloted Periods-23

First Paper : 6 th Chapter - Gravitation and Gravity	07 Periods
8 th Chapter - Periodic motion	06 Periods
Second Paper : 2 nd Chapter - Static Electricity	10 Periods

Annual Examination (Working days-21) Alloted Periods-17

First Paper : 7 th Chapter - Structural Property of Matter	09 Periods
Second Paper : 3 rd Chapter - Carunt Elahicity	08 Periods
Syllabus of 2 nd , 3 rd & 4 th Class test will be included.	

Marks Distribution of Annual Examination

Class test-3	20	} $60 \div 3 = 20$	
Class Test-4	20		
Practical -	20		
Class Attendance			05
Annual Examination (Theoretical)-		{ Creative- 40	
		{ MCQ- 35	75
<hr/>			Total = 100

Marks Distribution of Theoretical Examination:

(a) Creative Question – 40 marks	
04 Questions are to be answered out of 06 creative Questions.	
Each Question carries 10 marks	40
(b) MCQ – 35 marks	
35 Questions are to be answered out of 35 MCQ.	
Each Question carries 01 marks	35
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	Total = 75

Pre Test Exam

Total working days- 41 days
Allotted Period-33

Class Test-5 (Working days-28) Alloted Periods-21

First Paper : 9 th Chapter - Wave	10 Periods
Second Paper : 7 th Chapter - Physical Optics.	11 Periods

Pre-test (Working days-21) Alloted Periods-17

Second Paper : 4 th Chapter-Magnetic Effects of Current and Magnetism	09 Periods
8 th Chapter-Introduction to Modern Physics	08 Periods

Marks Distribution of Pre-test

Class Test-5	20
Class Attendance	05
Pre-test (Theoretical)-	{Creative- 40
	{MCQ- 35
	75
	Total = 100

Marks Distribution of Theoretical Examination:

(a) Creative Question – 40 marks

04 Questions are to be answered out of 06 creative Questions.

Each Question carries 10 marks 40

(b) MCQ – 35 marks

35 Questions are to be answered out of 35 MCQ.

Each Question carries 01 marks 35

Total= 75

Test Examination

Total working 29 days

Allotted Period-23

Second Paper: 5th Chapter-Electromagnetic Induction and Alternating current 07 Periods

9th Chapter - Atomic model and Nuclear Physics 05 Periods

10th Chapter - Semiconductor and Electronics 07 Periods

11th Chapter- Astroscience 04 Periods

Marks Distribution of Test Examination

The test examination will cover all the chapters of both First and Second Paper.

First paper

1. Theoretical- {Creative- 40 75
 {MCQ- 35

2. Practical 25

Total = 100

Marks Distribution of Theoretical Examination:

(a) Creative Question – 40 marks

04 Questions are to be answered out of 06 creative Questions.

Each Question carries 10 marks 40

(b) MCQ – 35 marks

35 Questions are to be answered out of 35 MCQ.

Each Question carries 01 marks 35

Total= 75

**** Marks Distribution of Practical Examination:**

01 Experiment-	{ Theory- 03	12
	{ Usage of apparatus and data collection- 05	
	{ Calculation and analysis- 04	
Result Presentation with explanation-		05
Viva Voice-		05
Note book-		03
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		Total = 25

Second paper

Similar to First paper

List of Books.

Name of books.

Name of Authors

A. Physics- First paper
Eleven-Twelve Classes.

1. Dr. Amir Hussain Khan and others
(English Version)
 2. Dr. Shahjahan Tapan & Others
(English Version)
 3. Sushanta Kumar Sarkar & Others
(English Version)
- Reference:
1. Md. Abdul Gafur & Others (English Version)
 2. মোঃ আব্দুল মতিন , মোঃ গোলাম ফারুক ও অন্যান্য (বাংলা ভাষায়)

B. Physics- Second paper
Eleven – Twelve Classes

1. Dr. Amir Hussain Khan and others
(English Version)
 2. Dr. Shahjahan Topan & others
(English Version)
 3. Sushanta Kumar Sarkar & Others
(English Version)
- Reference:
1. Md. Abdul Gafur & Others
(English Version)
 2. ড. এম আলী আজগর ও অন্যান্য (বাংলা ভাষায়)