

**Best Physics Books for  
AIPMT/NEET Preparation:**

Concepts of Physics by H. C. Verma.

Concepts of Physics by H. C. Verma.

**NCERT- Physics Part 1 and Part**

NCERT- Physics Part 1 and Part 2.

**2. D C Pandey Objective Physics.**

D C Pandey Objective Physics.

**Fundamentals of Physics by**

**Halliday, Resnick and Walker**

Fundamentals of Physics by Halliday,  
Resnick and Walker.

**Problems in General Physics by**

**I. E. Irodov.**

Problems in General Physics by I. E.  
Irodov.

<b>SYLLABUS</b>					
<b>CLASS - VIII, SCIENCE</b>		<b>Periodic</b>	<b>Term I</b>	<b>Periodic</b>	<b>Term II</b>
<b>Sl.No.</b>	<b>C h a p t e r s</b>	<b>Test - I</b>		<b>Test - II</b>	
1	Crop Production and Management ( Ch. 1)	✓	✓		
2	Synthetic fibre and Plastics( Ch. 3)	✓	✓		
3	Force and Pressure (Ch. 11)	✓	✓		
4	Micro Organisms : Friends and Foe (Ch. 2)	✓	✓		
5	Materials: Metals and Non-Metals(Ch. 4)	✓	✓		
6	Friction ( Ch. 12)	✓	✓		
7	Conservation of Plants and Animals ( Ch. 7)		✓		
8	Coal and Petroleum ( Ch. 5)		✓		
9	Sound (Ch. 13)		✓		
10	Cell (Ch. 8)			✓	✓
11	Combustion and Flame ( Ch. 6)				✓
12	Chemical effects of Electric current ( Ch. 14)			✓	✓
13	Reproduction in Animals (Ch. 9)			✓	✓
14	Polution of Air and Water (Ch. 18)				✓
15	Light (Ch. 16)			✓	✓
16	Reaching the age of adolscence (Ch. 10)				✓
17	Some natural phenomena (ch. 15)			✓	✓
18	Stars and Solar System (Ch. 17)				✓

**Prescribed Book: Basic Science (NCERT)**

**Reference Book: S.Chand.**

**CLASS - VIII, MATHEMATICS**

1	Rational Number(Ch.1)	✓	✓		✓
2	Linear equations in one variable (ch.2)	✓	✓		✓
3	Understanding quadrilaterals (ch.3)		✓		✓
4	Data handling(ch.5)		✓		
5	Square and square roots (ch.6)		✓		
6	Cube and Cube roots (ch.7)		✓		
7	Mensuration (ch.11)		✓		✓
8	Exponents and Power(ch.12)		✓		✓
9	Practical Geometry(Ch. 4)				✓
10	Comparing quantities (ch.8)			✓	✓
11	Algebraic expressions and Identities(ch.9)			✓	✓
12	Direct and Inverse proportion(ch.13)				✓
13	Factorisation(ch.14)				✓
14	Introduction to Graphs(ch.15)				✓

**Prescribed Book: Basic Mathematics(NCERT)**

**Reference Book: R.S.Agarwalla**

## SOCIAL SCIENCE

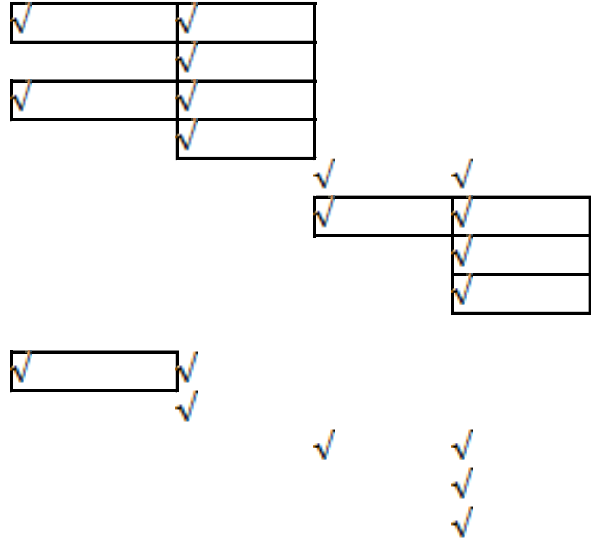
Chapter No.		HISTORY			
1	How, When and Where	✓	✓		
2	From Trade to Territory		✓		
3	Ruling the country sites		✓		
5	When people rebell		✓		✓
6	Coloniasm and the city		✓		
7	Weavers, Ironsmelters and Factory Owners			✓	✓
9	Women , Caste and Reforms			✓	✓
11	The making of National Movements 1870s - 1947				✓
12	India after independence				✓
	MAPS SKILL: TERM I - Pg.No. 48 to 57				
	TERM II - Pg.No. 58 to 64.				
		GEOGRAPHY			
1	Resources	✓	✓		
2	Soil, Water, Wild life and vegetation	✓	✓		
3	Mineral and Power resources			✓	✓
4	Agriculture			✓	✓
5	Industry				✓
6	Human Resources				✓
	MAPS SILL: TERM I Pg. No. 4 to 22				
	TERM 11 Pg No..23 to 44				
		CIVICS			
1	The Indian Constitution	✓	✓		
2	Understanding Secularism	✓	✓		
3	Why do we need Parliament		✓		✓
4	Understanding Laws		✓		
5	Judiciary			✓	✓
6	Understanding our Criminal Justice System			✓	✓
7	Understanding Marginalisation				
8	Public facility				
9	Law and Social Justice				✓
<b>Precribed Book: Our Pasts - 3(NCERT)</b>					
<b>Resource and Development(NCERT)</b>					
<b>Social and Political Life(NCERT)</b>					
<b>MAPS SKILL - EVERGREEN</b>					

**COMPUTER**

- 2 MS Access
- 3 Handling Tables in MS Access
- 1 Networking
- 4 Reports and Queries in MS Access
- 5 Forms in MS Access
- 10 HTML: Web Page
- 11 More on HTML
- 6 Adobe Photoshop S3

**Practical**

- 3 Handling Tables in MS Access
- 4 Reports and Queries in MS Access
- 5 Forms in MS Access
- 10 HTML: Web Page
- 6 Adobe Photoshop S3



**Prescribed Book: - Chips and Bytes (Evergreen)**

# English

## LITERATURE READER

### PROSE

- 1 The Income-Tax Man
- 3 Mr. and Mrs. Tullivar
- 4 The Wash Woman
- 6 The Mark of Vishnu
- 8 The Death of Government Clerk
- 10 The House I Built
- 11 Mystery of Aquilla Diamond

✓			
	✓		
	✓		✓
		✓	
			✓
			✓
			✓

### POETRY

- 2 I Dwell In Possibility
- 5 Ozymandias
- 7 Invictus-Unconquerable
- 9 The Owl-Critic

		✓	
✓		✓	
		✓	
			✓
			✓

### READER

### PROSE

- 1 The Scorpion Tale
- 2 Planning a Surprise
- 3 His First Flight
- 4 Lets Walk Together
- 5 An Entrepreneur with a Heart
- 6 Festival of Eid
- 7 Life is Full of Ups and Ups
- 8 How to Speak Correct English
- 9 The Stranger at the Inn
- 10 The Strange Experience

✓		✓	
		✓	
		✓	
		✓	
			✓
			✓
		✓	
			✓
			✓
			✓

### DRAMA

- 11 A Christmas Carol

			✓
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### POETRY

- 1 We are Seven
- 2 The Children's Hour
- 3 If
- 6 Somebody's Mother
- 7 Nine Gold Medals
- 8 Words
- 9 The Listeners

		✓	
		✓	
		✓	
			✓
		✓	
			✓
			✓

### GRAMMAR

- 1 Articles
- 2 Collective and Abstract Nouns
- 3 Subject-Verb Agreement
- 4 Adjectives
- 5 Degrees of Comparison
- 6 Adverbs
- 7 Kinds of Sentences
- 8 Asking and Answering Questions

✓		✓	
✓		✓	
✓		✓	
		✓	
		✓	
			✓
		✓	
			✓

- 9 Question Tags ✓
- 10 Relative Pronouns ✓
- 11 Tenses ✓ ✓
- 12 Preposition and Prepositional Phrases ✓
- 13 Conjunctions ✓
- 14 Modal Auxilliaris ✓
- 15 Infinitives ✓
- 16 Participles and Gerunds ✓
- 17 If' Conditional Clause ✓
- 18 Active and Passive Voice ✓
- 19 Reported Speech ✓

**WRITING**

- 1 Diary Entry ✓ ✓
- 2 Biographical Sketch ✓ ✓
- 3 E-mail ✓ ✓
- 4 Message Writing ✓ ✓
- 5 Debate Writing ✓ ✓
- 6 Informal Letter ✓ ✓
- 7 Article Writing ✓ ✓
- 8 Story Writing ✓

**EXTRA WORK**

- 1 Reordering of Sentences ✓ ✓
- 2 Error Identification ✓ ✓
- 3 Omission ✓ ✓
- 4 Gap-Filling ✓ ✓
- 5 Sentence Completion ✓ ✓
- 6 Process Writing ✓ ✓
- 7 Description of Place, Event, People Etc ✓ ✓

**Prescribed Books: -**

- English Ferry Literature Reader
- English Ferry Reader
- Fun with Grammar



