

ABHINAV BHARATI HIGH SCHOOL
SYLLABUS FOR ACADEMIC SESSION 2017-2018
Class X

Science

Physics

April to June :- 1) Electricity 2) Sources of Energy

July to August :- 1) Magnetic Effects of Electric Current .

2) Practicals Based on Electricity

September to December :- 1) Light - Reflection and Refraction

2) Human Eye and Colourful World .

3) Practicals Based on Optics .

January :- Selection Test .

Math

20 marks (April - June) :- 1. Real Numbers

2. Triangles (except Pythagorus)

3. polynomials

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4. Linear equation in two variables .

40 marks (July - August)

:-

1. Triangles (Pythagorus)
2. Introduction to Trigonometry
3. Trigonometric identities
4. Co ordinate geometry
5. Quadratic Equation
6. Perimeter and area of plane figures
7. Arithmetic Progression
8. Probability
and all chapters of 20 marks .

60 marks (Sept -
December) :-

1. Circles
2. Constructions
3. Height and distances
4. Statistics
5. Area of circle
6. Volume and surface area of solids .
and all the chapters (above) .

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GEOGRAPHY

April - June

:- 1) Resources & Development

3) Water Resources .

July - Aug

:- 4) Agriculture

5) Minerals & Energy
Resources.

Sept - Dec

:- 6) Manufacturing Industries

7) Lifelines of National
Economy

Jan-18 Selections for Class X

Social Science
2017 - 2018

ECONOMICS

April - 1) Development .

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June :-

July - Aug :- 2) Sectors of Indian Economy

3) Money & Credit .

Sept - Dec :- 4) Globalisation & the Indian Economy

5) Consumer Rights .

Jan-18 Selections for Class - X

Chemistry

April - June :- 1) Chemical Reactions and Equations

July - August :- 2) Acid Bases and salts

3) Metals and Non- Metals

September - December :- 4) Carbon and its Compounds

5) Periodic Classification

January :- Selections for Class - X

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Biology

April - June :-	1) Life Processes . (A)- Nutrition (B) - Respiration
July - August :-	Life Processes (contd) (C) - Transportation (D)- excretion 2) Control and Coordination
September- December :-	3) How do organisms reproduce . 4) Heredity and Evolution . 5) Management of Natural Resources . 6) Our Environment .
January :-	Selections for Class - X

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HISTORY

April - June

:- 1) Nationalism in Europe

July - August

:- 2) Nationalism in India

Sept - Dec :- 3) Work, life & leisure

4) Novels, society &
history.

Jan-18 Selections for Class - X