

**SRIKRISHNA PUBLIC SCHOOL
SYLLABUS FOR Std.10: 2016-2017**

English Language

- 1st Term :** **Total English for X: UNIT 1 to 6**
- Agreement of the verb with the subject
 - Active and Passive voice
 - Tenses
 - Direct and Indirect speech
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- 2nd Term :** **Total English for X : UNIT (7-11)**
- Summary Writing
 - Transformation of Sentences
 - Prepositions
 - Comparisons of Adjectives
- 3rd Term :** **Total English for X : UNIT (12-15)**
- Conditional sentences
 - Articles
 - Adverbs
 - Letters – Formal and Informal
- Letters – Formal and Informal
 - Composition – Descriptive, Narrative, Reflective, Imaginative
- Letters – Formal and Informal
 - Composition – Descriptive, Narrative, Reflective, Imaginative
- Composition – Descriptive, Narrative, Reflective, Imaginative

English Literature

1st Term

Merchant of Venice – Act III, Scene i, ii, iii, iv, v

Short Stories –

- Journey by Night
- My Lost Dollar
- The Kabuliwala
- India's Hero

Poems –

- A Psalm of Life
- The Professor
- Small Pain in the Chest
- A Doctor's Journal Entry
- In the Bazars of Hyderabad

- The Last Leaf
 - God lives in the Panch
 - Tiger in the Tunnel
 - Princess September
-
- Where the Mind is Without Fear
 - The Inchcape Rock
 - Stopping by the Woods on a Snowy Evening

2nd Term

Merchant of Venice – Act IV, Scene i, ii

Short Stories –

- The Bet
- Hunger
- Journey by Night
- My Lost Dollar
- The Kabuliwala

- India's Hero
- The Last Leaf
- God lives in the Panch
- Tiger in the Tunnel
- Princess September

Poems –

- I Believe
- If Thou Must Love Me
- A Psalm of Life
- The Professor
- Small Pain in the Chest
- A Doctor’s Journal Entry

- In the Bazars of Hyderabad
- Where the Mind is Without Fear
- The Inchcape Rock
- Stopping by the Woods on a Snowy Evening

3rd Term

Merchant of Venice – Act V, Scene i

Short Stories –

- The Bet
- Hunger
- Journey by Night
- My Lost Dollar
- The Kabuliwala

- India’s Hero
- The Last Leaf
- God lives in the Panch
- Tiger in the Tunnel
- Princess September

Poems –

- I Believe
- If Thou Must Love Me
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MATHEMATICS

1st Term Exam

1. Compound Interest
2. Sales Tax and Vat
3. Banking
4. Shares and Dividends

5. Mensuration
6. Measure of Central tendency
7. Similarity

2nd Term Exam

1. Graphical Representation
2. Reflection
3. Distance Formulae

4. Equation of Straight line
5. Probability
6. Circle (1st Part)

3rd Term Exam

1. Ratio and Proportion
2. Symmetry
3. Circle (2nd Part)

4. Construction
5. Locus

CHEMISTRY

Ist Term Exam

1. Acids, Bases and Salts
2. Salts and their Laboratory Preparation
3. Water of Crystallization
4. Analytical Chemistry
5. Electrolysis
6. Metallurgy (introduction)

7. Practical Chemistry
 - (i) Qualitative Analysis of Salts
 - (ii) Identification of cation by using NaOH and NH₄OH solutions
 - (iii) Qualitative Analysis for Identification of Anions

IInd Term Exam

1. Metallurgy
2. Mole Concept
3. Study of Compounds
4. Practical Chemistry
 - (i) Test for acidic solutions and alkaline solutions

- (ii) Use of pH in soil analysis, water analysis and in medical field
- (iii) Distinguish between CuO and MnO₂
- (iv) Recognition and Identification of gases

IIIrd Term Exam

1. Organic Chemistry
2. Mole Concept
3. Revision of all chapters of 1st term and 2nd term.
4. Practical Chemistry
 - (i) Recognition and Identification of Hydrogen
 - (ii) Recognition and Identification of CO₂

- (iii) Recognition and Identification of SO₂
- (iv) Recognition and Identification of H₂S
- (v) Recognition and Identification of HCl gas
- (vi) Recognition and Identification of NH₃ gas

BIOLOGY

1st Term Exam

THEORY

1. Cell Division and structure of chromosomes.
2. Genetics.

PRACTICALS

1. Diffusion
2. Osmosis
3. Slides of Mitosis
4. Experiments on transpiration

2nd Term Exam

THEORY

1. Endocrine system.
2. Reproductive system(Part-I and II)

PRACTICALS

1. Experiments on photosynthesis.
2. Identification of brain, eye, ear, heart and kidney(with models and charts).
3. Preparation of first aid box.

3rd Term Exam

THEORY

1. Population.
2. Pollution

3. Revision

PHYSICS

1st Term- 1. Spectrum 2. Machines 3. Refraction through lens

Practical- 1. To find the weight of metal bob using principles of moments.
2. To find Angle of Deviation when Light ray falls normally on Prism.
3. To Prove $i + e = A + \delta$

2nd Term- 1. Household circuit 2. Electro Magnetism 3. Current Electricity 4. Thermionic Emission

Practical- 1. To find Refractive Index of Glass Slab.
2. To find focal length of convex lens by distant object method.

3rd Term- 1. Calorimetry

Practical- 1. To Find value of 'g' by simple pendulum.
3. To prove Ohm's law.

COMPUTER

1st Term Exam

1. Concept of data types in java.
2. Operators and expressions in java.
3. General programming and decision making in

Java

2nd Term Exam

1. Class as a user defined type.
2. Constructors
3. Iteration through loops.
4. Encapsulation and inheritance

3rd Term Exam :

1. Object oriented programming.(oop)
2. History and development of java.

4. String manipulation in Java.
5. Arrays.
6. Functions/Methods

5. Using Library Classes
(and whatever done in 1st Term)

3. Input output Using
Scanner & Printer Classes
Revision

HIST/CIVICS

First Term:

Civics

Chapter 4 The Union Judiciary - The Supreme Court

History

Chapter 7 National Movement during First World War

Second Term:

Civics

Chapter 5 The State Judiciary - The High court

History

Chapter 9 The Cripps Mission and the Quit India Movement

Third Term

Civics

Chapter 6 The subordinate Courts

Revision and the whole book

Chapter 8 National Movement 1919 - 1934
Chapter 13 Rise of Dictator-ship
Chapter 10 Subhas Chandra Bose
Chapter 14 The Second World War

Chapter 11 Independence and Partition of India

GEOGRAPHY

FIRST TERM

- 1) Agriculture in India
- 2) Climate of India
- 3) Soils of India
- 4) Natural vegetation of India

- 5) Water resources
- 6) Waste generation
- 7) Toposheet
- 8) Map work – India

SECOND TERM

- 1) Agro based industries
- 2) Impact of waste
- 3) Minerals in India
- 4) Transport
- 5) Waste management

- 6) Mineral based industries
- 7) Toposheet
- 8) Map work – India
- 9) Project

THIRD TERM : Whole syllabus

HINDI LANGUAGE

1st Terminal Examination

- 1- fuca/k
3- vifBr x|ka”k
laKk&la;qDr ls lqd`r
5- i;kZ;okph “kCn % 150 ls 170 rd
7- yksdksfDr;kj & 1 ls 26 rd
l sfgr rd
9- foijhrkFkZd “kCn&fpjls u[k rd
“kCn&vfXu ls x`g rd
11- vusd “kCnksa ds fy, ,d “kCn&nh?kZckgq ls d’Vlk/; rd
12- fdz;k “kCnksa ls cuh Hkkookpd laKk,iA
13- fo”ks’k.k
“kCnksa dh jpuk&vad ls jks’k rd

2nd Terminal Examination

- 1- fuca/k
3- vifBr x|ka”k
rd
5- rRle ls rn~Hko “kCn&x`g ls jksnu
190 rd
7- vusd “kCnksa ds fy, ,d “kCn&vU;re ls vkf}rh;
8- eqgkojs& 80 ls 100 rd
9- yksdksfDr;kj & 1 ls 20 rd
2- i=
4- foijhrkFkZd “kCn& r’kk ls ijdH;
6- i;kZ;okph “kCn& 170 ls

3rd Terminal Examination

- 1- fuca/k
2- i=
3- vifBr x|ka”k
4- fo”ks’k.k “kCnksa dh
jpuk&fuUnk ls fgr rd
5- foijhrkFkZd “kCn&u”oj ls iq’V
rd
6- rRle vkSj rn~Hko “kCn&yTtk ls
{ks= rd
7- vusd “kCnksa ds fy, ,d “kCn&
,dkxz ls foiFkxkehrd
8- i;kZ;okph “kCn& 1900 ls 212
rd
9- eqgkojs& 60 ls 100 rd
10- yksdkfDr;kj & 20 ls 50 rd

HINDI LITERATURE

1st Term Exam

- 1- lkfgR; lkxj %
x| %&
ij %&
2- ,dkadh lap;
1- cM+s ?kj dh csVh
2- lansg
1- fou; ds in
2- og tUeHkwfe esjh
1- lw[kh Mkyh

2nd Term Exam

- 1- lkfgR; lkxj %

x| %&

i| %&

2- ,dkadh lap;

3rd Term Exam

1- lkfgR; lkxj

x| %&

i| %&

2- ,dkadh lap;

1- tkequ dk isM+ 2- HksMsa vkSj HksfM+,

1- fxfj/kj dh dqaMfy;kj 2- pyuk gekjk dke gS

1- egkHkkjr dh ,d lkj>

%

1- nks dykdkj

1- ekr` eafnj dh vksj

1- nhinku

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