***Tagore Academy Public School***

**Syllabus Classification**

**Class – X English (2015-16)**

**April** **Literature** - ***Fiction*** - Two Gentlemen of Verona

 ***- Poem***  - The Frog and the Nightingale

  ***- Poem*** – Mirror

**MCB** - ***Unit*** - Health & Medicine

**Writing**  - Letter to Editor

**Grammar** - Verb Forms/ Tenses

 - Gap Filling

 - Editing

**May** **Literature** - ***Fiction*** - Mrs. Packletide’s Tiger

 - ***Play*** – Dear Departed

 - ***Poem*** - Not Marble nor the Gilded Monuments

**MCB** - ***Unit*** - Education

**Writing** - Article

**Grammar** - Reported Speech

- Jumble

- Omission

**July** **Literature** - ***Fiction*** – The Letter

**NOVEL - Story of my life (Chapters 1- 6)**

**MCB**  - ***Unit*** - Science

**Writing** - Story Writing

**Grammar** - Active Passive

**August NOVEL - Story of my life (Chapters 7- 12)**

**Writing** - Speech

- Debate

- Story Writing Practice

**Grammar** - Determiners

 - Sub- Verb Agreement

**September NOVEL - The Story of My Life Chapter 13- 15**

* **Revision for SA1**

**October Literature** - ***Play*** - Julius Caesar

- ***Poem*** - Ozymandias

**MCB** - ***Unit*** - Environment

**Writing** - [Editorial Letter, Story Writing] Revision

**Grammar** - Modals

**November** **Literature** - ***Fiction*** - A Shady Plot

 - ***Poem*** - The Rime of the Ancient Mariner

**Novel** - Chapter 16 & 17

**MCB** - ***Unit*** - Travel & Tourism

**Writing**  - [Revision of Story writing, Article , Speech]

**Grammar** - Preposition

**December** **Literature** - ***Fiction*** - Patol Babu, Film Star

 - ***Poem*** - Snake

**NOVEL - Chapter 18 – 19**

**MCB**  - ***Unit*** - National Integration

**Writing** - [Revision]

 - Story Writing, Article

**Grammar** - Integrated Grammar

**January** **Literature**  - Fiction - Virtually True

**NOVEL - Chapter 20- 23**

 **Writing**

 **Grammar** - Revision of the work done

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**FA2**

 **Literature** - ***Fiction*** - Mrs. Packletide’s Tiger, The letter

 - ***Play*** – Dear Departed

 - ***Poem*** - Not Marble nor the Gilded Monuments

**NOVEL - Story of my life (Chapters 1- 6)**

**MCB** - ***Unit*** - Education

**Writing** - Article, Story Writing

**Grammar** - Reported Speech, Active Passive, Jumble words, Omission

**SA1 Syllabus covered from April to September**

**FA3**

 **Literature** - ***Fiction*** - Shady plot

 - ***Poem*** - Ozymandias

 - ***Drama*** – Julius Caesar

**NOVEL - Chapter 16 – 17**

**MCB**  - ***Unit*** - Environment

**Writing** - Story Writing, Article, Letter To Editor

 **Grammar** -Modals, Prepositions

 -Error, Omission, Reported speech

**FA4**

Sec A Unseen passage / Poem

Sec B Article writing, formal Letter and Story writing, MCB – National Integration, Integrated Grammar

Sec C Patol Babu, Film Star, Snake, The Rime of Ancient Mariner

 Novel : Chapter 18-20

**SA2 Syllabus covered from September to January**

**Class – X - S.ST (2015 – 16)**

**FA1**

History L – 6 – Work, Life, Leisure (upto Unit – 3)

Civics L – 1 – Power Sharing (Full)

Economics L – 1 – Development (Full)

Geography L – 2 – Forest and Wildlife Resources

**FA2**

History L – 7 – Print Culture (Full)

Civics L – 2 – Federalism

Geography L – 1 – Resources and its Development

Economics L – 2 – Sectors of Indian Economy

**SA1**

History L – 6 – Work, Life and Leisure

 L – 7 – Print Culture

Civics L – 1 – Power Sharing

 L – 2 – Federalism

 L – 3 – Democracy and Diversity

 L – 4 – Gender, Religion and Caste

Geography L – 1, L – 2, L – 3, L – 4

Economics L – 1, L – 2

**FA3**

History L – 3 – Nationalism in India

Civics L – 5 – Popular Struggles

Geography L – 5 – Mineral and Power

Economics L – 3 – Money and Credit

**FA4**

History L – 1 – Nationalism in Europe

Civics L – 6 – Political Parties

 L – 8 – Challenges to Democracy

Geography L – 7 – LifeLines to Indian Economy

Economics L – 4 – Globalisation

**SA2**

History L – 1 + L – 3

Civics L – 5, L – 6, L – 7, L – 8

Geography L – 5, L – 6, L – 7

Economics L – 4, L – 5, L – 6

**Class – X – Science (2015 – 16)**

**FA1**

**Physics :** Electricity and its effects up to series and parallel combination of resistances

 NCERT Page No. 215

**Chemistry :** Chemical Reactions and equations upto double displacement reaction (Pg. No. – 12)

**Biology :** Life process (half till respiration) (NCERT Pg. No. – 105)

**FA2**

**Physics :** Electricity (Page No. 216 on wards) Heating effects of electricity & electric power.

 Magnetic effects of electricity current till 229 NCERT

**Chemistry :** Chemical Reaction & Equation (Oxidation, reduction, corrosion, ranacidity)

 Acids, Bases & Salts (upto Pg. no. – 28)

**Biology :** Life Process (Transportation and excretion) (NCERT Pg. No. – 105 onwards)

**SA1**

**Physics :** Electricity

 Magnetic effects of electric current

 Sources of energy

**Chemistry :** Chemical Reactions and equations.

 Acid, Bases and Salts

 Metals and Non- metals

**Biology :** Life Process

 Controll and Co – ordination.

**FA3**

**Physics :** Light (Reflection and refraction up to Refractive index Page No 75)

**Chemistry :** Carbon and its comps (till Page No 68)

**Biology :** Reproduction (till Plant Reproduction) (NCERT Pg. No. – 135)

**FA4**

**Physics :** Light

**Chemistry :** Carbon and its comps (complete)

**Biology :** Our Environment

 Reproduction (NCERT Pg. No. – 136 onwards)

**SA2**

**Physics :** Light

 Human Eye and Colourful world

**Chemistry :** Carbon and its compounds

 Periodic classification.

**Biology :** Environment

 Management of Natural Resources

 Reproduction

 Heredity and evolution.

**Class – X - Mathematics Syllabus (2015 – 16)**

**FA1**

**NCERT** Chapter -1 Real number

 Chapter - 2 Polynomials

**R. D. Sharma** Chapter - 1 Real number

 Chapter - 2 Polynomials

**FA2**

**NCERT** Chapter - 3 Linear Equation

 Chapter - 14 Statistics

 Chapter - 8 Trigonometry

**R. D. Sharma**  Chapter - 3 Liner Equation

 Chapter - 5 Introduction to Trigonometry

 Chapter – 6 Trignometric Ratio

 Chapter – 7 Statistics

**SA1**

**NCERT** Chapter - 6 Similar Triangle.

**R. D. Sharma** Chapter -4 Triangle

**Syllabus for SA1 September (Test)**

**NCERT** Chapter - 1,2,3,6,8,14

**R. D. Sharma**  Chapter - 1,2,3,4,5,6,7

**FA3**

**NCERT** Chapter - 4 Quadratic Equation

 Chapter - 5 Arithmetic Progression

 Chapter - 15 Probability Chapter - 9 Application of Trigonometry

**R.D.Sharma** Chapter - 8 Quadratic Equation

 Chapter - 9 Arithmetic Progression

 Chapter - 12 Height and Distance (Some Applications of trigonometry)

 Chapter - 13 Probability

**FA4**

**NCERT** Chapter - 7 Co-ordinate Geometry

 Chapter -10 Circles

 Chapter - 12 Area related to circle

**R.D.Sharma**  Chapter - 14 Co-ordinate Geometry

 Chapter -10 Circles

 Chapter - 15 Area related to circles

**SA2**

**NCERT** Chapter - 13 Volume and surface Area

 Chapter -11 Construction

**R.D.Sharma**  Chapter - 11 Construction

 Chapter - 16 Surface area and volume

**Syllabus for SA2 (March)**

**NCERT -** 4,5,7,9,10,11,12,13,15

**R. D. Sharma** - Chapter - 8,9,10,11,12,13,14,15,16

**Syllabus for X Class - Sanskrit (2015 – 16)**

**FA-1**

**ikB~;iqLrd &ikB & 1]2 vH;kl lfgr**

**O;kdj.k & vifBr x|ka'k] i= Yks[ku] fp= ys[ku] OkkP; ifjorZu]**

**le;oknue~**

**laf/k &Loj & nh?kZ] xq.k] o`f)**

 **O;atu &ijlo.kZ NRo] rqxkxe**

**FA-2**

**ikB~;iqLrd &ikB & 3] 4 vH;kl lfgr**

**O;kdj.k & laf/k &Loj & nh?kZ] xq.k] o`f)**

 **O;atu &ijlo.kZ NRo] rqxkxe**

 **folxZ & mÙo] jÙo**

**Lkekl & deZ/kkj;] f}xqA**

 **IkzR;; & rO;r~] vuh;j~A**

 **vO;;] okP; ifjorZu] le;oknue~]**

 **vifBr x|ka'k] fp= o.kZu] i= ys[ku**

**SA-1**

**ikB~;iqLrd &ikB & 1 & 5 Rkd vH;kl lfgr**

**O;kdj.k & laf/k & Loj] O;atu] folxZ**

 **Loj laf/k & nh?kZ] xq.k] o`f)**

 **O;tau laf/k & ijlo.kZ] NRo] rqdkxe**

 **folxZ laf/k & mRo] jRo**

**lekl & rRiq#"k & foHkfDr] u´~] miin] deZ/kkj;] f}xq**

**izR;; & rO;r~] vuh;j~] erqi~] bu~] Bd~**

**vO;; & vfi] bo] mPPkS%] ,o] uwue~] iqjk] brLrr%] v=&r=] bnkuhe~]**

 **;Fkk&rFkk] fouk] lglk] v/kquk] o`Fkk] 'kuS%**

 **okP; ifjorZu] le;oknue~] vifBr x|ka'k] i=] fp=A**

**FA-3**

**ikB~;iqLrd &ikB & 6] 7 vH;kl lfgr**

**O;kdj.k &** **fyf[kr ijh{kk**

**Loj laf/k& ;.k] v;kfn] iwoZ#i**

 **O;atu laf/k & vuqLokj] 1 o.kZ dk 5 o.kZ] igys o.kZ dk rhljk o.kZ**

 **Lkekl & }U}] vO;;hHkko**

 **izR;; & 'kr`] 'kkup~] Vki~] ³hi~**

 **fxurh & 1 ls 100 rd] 'kCn #i & 1 ls 10 v'kqf) la'kks/ku] i=] fp=o.kZu**

 **vifBr xn~;ka”kA**

**FA-4**

**ikB~;iqLrd &ikB & 8] 9 vH;kl lfgr**

**O;kdj.k & lekl & cgqozhfg**

 **izR;; & Ro] ry~] Vki~] ³hi~**

 **fxurh & 1 ls 100 rd**

 **'kCn #i & 1 ls 10] v'kqf) la'kks/ku]**

 **vifBr x|ka'k] i=] fp=**

**SA-2**

**ikB~;iqLrd &ikB & 6 Lks 11 rd vH;kl lfgr**

**O;kdj.k &Loj laf/k & ;.k] v;kfn] iwoZ#i]**

 **O;atu laf/k & e~ dks vuqLokj] 1 Ok.kZ dk 3 o.kZ]**

 **1 o.kZ dk 5 o.kZA**

 **folxZ laf/k & folXkZ dk yksi] folxZ ds**

 **LFkku ij l~] 'k~] "k~] gks tkukA**

 **Lkekl & }U}] cgqozhfg] vO;;hHkko**

 **izR;; & 'kr`] 'kkup~] Ro] ry~] Vki~] ³hi~**

 **vO;; & bfr] dnk] dqr%] ek] ;r~] ;=&dq=] lEizfr]**

 **;nk&dnk] ;kor~] 'o%] g~;%] cfg%] dnkfi] fdeFkZEk~A**

 **fxurh & 1 ls 100 rd] 'kCn #i & 1 ls 5 rd**

 **v'kqf) la'kks/ku] vifBr x|ka'k] i= fp=**

**Syllabus for Class – X – Hindi (2015 -16)**

**FA1**

**Li”kZ ¼x|½** ikB & 1 cM+s HkkbZ lkgc

 ikB & 2 Mk;jh dk ,d iUuk

**Li”kZ ¼xn~;½** ikB & 1 dchj ¼lk[kh½

 ikB & 2 ehjk ds in

**O;kdj.k** “kCn o in esa varj] v”kqf) “kks/ku] eqgkojs

**ys[ku** vkSipkfjd i= ¼vkosnu] f”kdk;rh½] vuqPNsn ¼fon~;kFkhZ vkSj vuq”kklu] dejrksM+ eg¡xkbZ] baVjusV] le; dk egRo½] laokn ys[ku

**FA2**

**Li”kZ ¼x|½** ikB & 3 rrk¡jk okehjks dFkk

 ikB & 4 rhljh dle ds f”kYidkj

**Li”kZ ¼xn~;½** ikB & 3 ioZr izns”k esa ikol

 ikB & 4 rksi

**lap;u** ikB & 1 gfjgj dkdk

**O;kdj.k** jpuk ds vk/kkj ij okD; #ikarj] lekl

**ys[ku** lwpuk ys[ku] foKkiu ys[ku

**SA1**

**Li”kZ ¼x|½** ikB & 1 cM+s HkkbZ lkgc

 ikB & 2 Mk;jh dk ,d iUuk

 ikB & 3 rrk¡jk okehjks dFkk

 ikB & 4 rhljh dle ds f”kYidkj

**Li”kZ ¼xn~;½** ikB & 1 dchj ¼lk[kh½

 ikB & 2 ehjk ds in

 ikB & 3 ioZr izns”k esa ikol

 ikB & 4 rksi

**lap;u** ikB & 1 gfjgj dkdk

**O;kdj.k** “kCn o in esa varj] jpuk ds vk/kkj ij okD; #ikarj] lekl] v”kqf) “kks/ku] eqgkojs

**ys[ku** vkSipkfjd i=] vuqPNsn] laokn ys[ku] lwpuk ys[ku] foKkiu ys[ku

 vifBr xn~;ka”k] dkO;ka”k

**FA3**

**Li”kZ ¼x|½** ikB & 5 fxjfxV

 ikB & 6 vc dgk¡ nwljksa ds nq[k esa nq[kh gksus okys

**Li”kZ ¼xn~;½** ikB & 5 fcgkjh ds nksgs

 ikB & 6 euq’;rk

 ikB & 7 e/kqj&e/kqj esjs nhid ty

**lap;u** ikB & 2 liuksa ds ls fnu

**O;kdj.k** okD; #ikarj.k] v”kqf) “kks/ku] eqgkojs

**ys[ku** vuqPNsn] lwpuk ys[ku] foKkiu ys[ku

**FA4**

**Li”kZ ¼x|½** ikB & 7 ir>M+ esa VwVh ifÙk;k¡

 ikB & 8 dkjrwl

**Li”kZ ¼xn~;½** ikB & 8 dj pys ge fQnk

 ikB & 9 vkRe=k.k

**lap;u** ikB & 3 Vksih “kqDyk

**O;kdj.k** “kCn o in esa varj] okD; #ikarj.k] lekl] v”kqf) “kks/ku] eqgkojs

**ys[ku** vkSipkfjd i=] lwpuk ys[ku] laokn ys[ku] foKkiu ys[ku

**SA2**

**Li”kZ ¼x|½** ikB & 5 fxjfxV

 ikB & 6 vc dgk¡ nwljksa ds nq[k esa nq[kh gksus okys

 ikB & 7 ir>M+ esa VwVh ifÙk;k¡

 ikB & 8 dkjrwl

**Li”kZ ¼xn~;½** ikB & 5 fcgkjh ds nksgs

 ikB & 6 euq’;rk

 ikB & 7 e/kqj&e/kqj esjs nhid ty

 ikB & 8 dj pys ge fQnk

 ikB & 9 vkRe=k.k

**lap;u** ikB & 2 liuksa ds ls fnu

 ikB & 3 Vksih “kqDyk

**O;kdj.k** “kCn o in esa varj] jpuk ds vk/kkj ij okD; #ikarj.k] lekl] v”kqf) “kks/ku] eqgkojs

**ys[ku** vkSipkfjd i=] vuqPNsn] lwpuk ys[ku] laokn ys[ku] foKkiu ys[ku

 vifBr dkO;ka”k] xn~;ka”k

**Class IX (2015-16)**

**FA1**

**English**

**Section - A (Reading)**

 : Unseen Passage/ Poems

**Section - B (Writing + Grammar)** : M.C.B Units (People)

Article Writing / Diary Entry / Story Writing’

Modals, prepositions, Determiners

(Gap filling, Editing, Re-arrange)

**Section - C (Literature)**

How I Taught My Grand Mother to read

The Road Not Taken

**FA2**

**Section - A (Reading)**

 : Unseen passage/ poems

**Section - B (Writing+ Grammar)** (Adventure)

Article Writing

Formal Letter (3)

Connectors; Tenses; Narration

(Gap filling, Editing, Re-arrange)

**Section - C (Literature)**

A Dog Named Duke

The Brook

Villa For Sale

Gulliver’s Travel (Ch- 1to5)

**SA1**

**Section - A (Reading)**

: Unseen passage/ poems

**Section - B (Writing+ Grammar)** : M.C.B (Environment)

Diary entry, Story Writing

Articles Writing,

 + FA1 + FA2

 : F1 + F2 + Complete Integrated Grammar; Voice

 (Gap filling, Editing, Re-arrange)

**Section - C (Literature)**

: How I Taught My Grand Mother to Read

A Dog named Duke

Lord Ullin’s Daughter

The Brook

The Road Not Taken

The Solitary Reaper

Villa for Sale

Gulliver’s travel (Term I Complete)

**FA3**

**Section - A (Reading)**

: Unseen passage/ poems

**Section - B (Writing+ Grammar)** : Mystery

Diary entry, Story Writing,

Integrated Grammar

 (Gap filling, Editing, Re-arrange)

**Section - C (Literature)**

: The Man Who Knew Too Much

Seven Ages + Gulliver’s Travel (Ch 1 to 3)

**FA4**

**Section - A (Reading)**

: Unseen passage/ poems

**Section - B (Writing+ Grammar)** : Unit (Children)

Article Writing; Diary Entry; Story Writing,

 BBC Compacta Term II

 Integrated Grammar

 (Gap filling, Editing, Re-arrange)

**Section - C (Literature)**

: Keeping it from Harold

Song of the Rain

Oh! I wish I’d looked after me teeth

Gulliver’s Travel (Part – 3) Complete

**SA2**

**Section - A (Reading)**

: Unseen passage/ poems

**Section - B (Writing+ Grammar)** : Sports

 + Complete Section - B

 : Complete Grammar

**Section - C (Literature)**

 : Prose

Best Seller

Keeping it

The Man Who Knew Too Much

 Poems

Song of the Rain

Oh! I wish I’d \_ \_ \_ \_ \_

Seven Ages

 Bishops’ Candle Sticks

Gulliver’s travel (Term II Complete)

**Class IX (2015-16)**

**Social Science**

**FA1**

History : Chaper – 1 The French Revolution (Up to unit 2)

Civics : Chapter – 1 Democracy in the contemporary World

Geography : Chapter – 1 India size and location

Economics : Chapter – 1 The story of village Palampur

**FA2**

History : Chaper – 1 The French Revolution (Full)

Civics : Chapter – 2 What is democracy, Why democracy (Full)

Geography : Chapter – 2 Physical features of India (Full)

Economics : Chapter – 2 People as Resource (Full)

**SA1**

History : (1) French Revolution

 (2) Nazism and the Rise of Hitler

Civics : (1) Democracy in the Contemporary World.

 (2) What is Democracy? Why Democracy

 (3) Constitutional design

Geography : (1) India – Size and location

 (2) Physical features of India

 (3) Drainage

Economics : (1) The story of village Palampur

 (2) People as Resource

**FA3**

History : Chapter – 4 Forest, Society and Colonialism (Full)

Civics : Chapter – 4 Electoral Politics (Full)

Geography : Chapter – 5 Natural Vegetation and wild life (Full)

Economics : Chapter – 3 Poverty as a challenge.

**FA4**

History : Chapter – 7 History and sport – The story of Cricket

(Unit I)

Civics : Chapter – 5 Working of Institution (Full)

Geography : Chapter – 4 Climate (Full)

Economics : Chapter – 4 Food Security in India (Full)

 **SA2**

History : Chapter – 4 Forest Soceity and Colonialism

 Chapter – 7 History and sport :- The story of Cricket

Civics : Chapter – 4 Electoral Politics

 Chapter – 5 Working of Institutions

 Chapter – 6 Democratic rights

Geography : Chapter – 4 Climate

 Chapter – 5 Natural Vegetation and wild life

 Chapter – 6 Population

Economics : Chapter – 3 Poverty as a challenge

 Chapter – 4 Food Security in India.

**Science IX (2015 – 16)**

**FA1**

**Physics :** Ch-8 Motion, NCERT Page No 98 to 103

 & Back Exercise Questions related to Topic

**Chemistry :** Ch-1 Matter in our surroundings.

NCERT Page No 1 to 9 (Before the topic evaporation)

& Back Exercise Questions related to Topic

**Biology :** Ch-5 The fundamental unit of life.

NCERT Page No 57 to 63 (Before the topic cell organelles)

& Back Exercise Questions related to Topic

**FA2**

**Physics :** Ch-8 Motion, Page No 104 to 113

Ch-9 Force & Laws of motion, Page No 114 to 121

& Back Exercise Questions related to Topic

**Chemistry :** Ch-1 Matter in our surroundings NCERT Page No 9 to 13

 & Back Exercise Questions related to Topic

Ch – 2 Is Matter Around Us Pure upto Page No. – 22

 & Back Exercise Questions related to Topic

**Biology :** Ch-5 The fundamental unit of life

Page No 63 to 67

& Back Exercise Questions related to Topi

Ch-6 Tissues, Page 68 to 74 (Before the topic Animal Tissues)

 & Back Exercise Questions related to Topic

**SA1**

**Physics :** Ch-8 Motion

 Ch-9 Force & laws of motion

 Ch-10 Gravitation (Upto Page No 138)

& Back Exercise Questions related to Topic

**Chemistry :** Ch-1 Matter in our surroundings

 Ch-2 Is matter around us pure

**Biology :** Ch-5 The fundamental unit of life

 Ch-6 Tissues

 Ch-15 Improvement in Food Resources.

**MCQ**

**Physics :** 1. To verify Newton’s Third Law of motion using Spring Balance.

**Chemistry :** 1 To prepare a true solution, a suspension and a colloidal solution.

2. To prepare a mixture and compound using iron fillings and sulphur powder and distinguish them.

3. To carry out the chemical reactions

 (a) Chemical reaction between iron and copper sulphate solution in water.

(b) To study reaction when magnesium ribbon is burnt in air and identify the type of reaction.

(c) To study the action of zinc with dilute sulphuric acid.

(d) To heat copper sulphate & identify the type of reaction.

(e) To study the reaction between sodium sulphate & Barium Chloride in their aqueous solution.

(f) To heat lead nitrate.

4. To separate the components of a mixture of sand, common salt & ammonium chloride by sublimation.

5. To determine the melting point of ice and the boiling point of water.

**Biology :** 1 To test (a) the presence of starch in the given food sample.

 (b) the presence of adulterant metanil yellow in dal.

2. To prepare stained temporary mounts of (a) onion peel (b) human cheek cell and to record observations & draw labeled diagram.

3. To identify parenchyma & sclerenchyma tissues in plants, striped muscle fibers & nerve cells in animals, from prepared slides & to draw their labeled diagrams.

**FA3**

**Physics :** Ch-10 Gravitation (Page No 138 to Page No 145)

 & Back Exercise Questions related to Topic

Ch-11 Work & Energy (page No 146 to Page No 152) (before potential energy)

**Chemistry :** Ch-3 Atoms & Molecules (Page No 31 to 40) (Before the topic of mole concept)

 & Back Exercise Questions related to Topic

**Biology :** Ch-7 Diversity in living organisms (Page No 80 to 88)

 & Back Exercise Questions related to Topic

**FA4**

**Physics :** Ch-11 Work & Energy (Page No 152 to Page No 159)

 & Back Exercise Questions related to Topic

Ch-12 Sound (Page No 160 to 162)

**Chemistry :** Ch-3 Atoms & Molecules (Page No 40 to 45)

Ch-4 Structure of Atom( Page No. 46 to 48)

& Back Exercise Questions related to Topic

**Biology :** Ch-7 Diversity in living organisms (Page No. 89-97)

Ch-14 Natural Resources (Page No 189-196)

& Back Exercise Questions related to Topic

**SA2**

**Physics :** Ch-10 Gravitation (Page 138 to Page 145)

 & Back Exercise Questions related to Topic

Ch-11 Work & Energy

Ch-12 Sound

**Chemistry :** Ch-3 Atoms & Molecules

Ch-4 Structure of Atom

**Biology :** Ch-7 Diversity in living organisms.

Ch-13 Why do we fall ill.

Ch-14 Natural Resources

**MCQ**

**Physics :** 1. To verify laws of reflection of sound

2. To determine the density of solid by using a spring balance & a measuring

 cylinder.

3. To establish the relation between the loss in weight of a solid when fully

 immersed in (a) tap water (b) strongly salty water.

4. To observe & compare the pressure exerted by a solid iron cuboid on sand while

 resting on its three different faces & to calculate the pressure exerted in the three different cases.

5. To determine the velocity of a pulse propagated through a stretched string/slinky.

**Chemistry :** 1. To verify the law of conservation of mass.

**Biology :** 1. To study the characteristics of spirogyra, Moss/fern, Pinus and an angiospermic plant.

2. Observe & draw the given specimens- earthworm, cockroach, bony fish and bird.

3. Life cycle of mosquito.

**Class IX (2015 – 16)**

**Mathematics**

**FA1**

**NCERT**  **RD Sharma**

1. Number System (Real No.) 1. Number System

 2. Exponents of Real Number

 3. Rationalisation

**FA2**

2. Polynomial

3. Co-ordinate Geometry 4. Algebraic Identities

5. Introduction Euclid’s Geometry 5. Factorisation of algebraic expressions.

6. Line & Angles 6. Factorisation of Polynomials.

 7. Introduction to Euclid’s Geometry

**SA1**

7. Triangles 8. Lines & Angles.

12. Heron’s Formula 9. Triangle and its angles

 10. Congruent Triangle

 11. Co-ordinate Geometry

 12. Heron’s Formula

**U-Like (Ist Term)**

Syllabus for SA-1 September 2013

NCERT Chapter No. 1,2,3,5,6,7,12

RD Sharma Chapter No 1 to 12

**FA3**

**NCERT RD Sharma**

8 Quadrilaterals 14 Quadrilaterals

13 Surface Area and Volumes 18 S.A and Vol. of cuboid & Cube

 19 S.A & Vol. of a right Circular Cylinder

 20 S.A & Vol. of a rught circular cone.

 21 S.A & Vol. of a Sphere.

**FA4**

9 Area of ||gm and triangle 15 Area of ||gm and triangle

11 Constructions 17 Construction

4. Linear equation in two variable 13 Linear Equation in two variable.

**SA2**

10 Circles 16 Circles

14 Statistics 22 Tabular Representation of statistical data

15 Probability 23 Graphical Representation of Statistical Data

 24 Measure of central tendency

 25 Probability

**U-Like (II term)**

Syllabus for SA2 NCERT 4,8,9,10,11,13,14,15

RD Sharma 13 to 25

**Hindi – Class – IX (2015 – 16)**

**FA1**

**fganh Li”kZ xn~; [kaM &** 1 /kwy

**fganh Li”kZ dkO; [kaM &**1 jSnkl ds in

**lap;u &** 1 fxYyw

**O;kdj.k &** o.kZ & foPNsn] vuqLokj] vuqukfld] uqDrk]

 **ys[ku &** vukSipkfjd i= ¼fuea=.k] laosnuk½] vuqPNsn ¼vuq”kklu dk egÙo] lekpkj i=] Hkz’Vkpkj ,d leL;k] eksckbZy Qksu½

**FA2**

**fganh Li”kZ xn~; [kaM &** 2 nq[k dk mf/kdkj

 3 ,ojsLV esjh f”k[kj ;k=k

**fganh Li”kZ dkO; [kaM &** 2 jghe ds in

 3 vknehukek

**lap;u &** 2 Le`fr

 3 dYyw dqEgkj dh mukdksfV

**O;kdj.k &** o.kZ & foPNsn] vuqLokj] vuqukfld] uqDrk]milxZ & izR;;] laf/k] fojke fpg~u

 **ys[ku &** fp= o.kZu] laokn ys[ku] foKkiu ys[ku

**SA1**

**fganh Li”kZ xn~; [kaM &** 1 /kwy

 2 nq[k dk mf/kdkj

 3 ,ojsLV esjh f”k[kj ;k=k

 4 rqe dc tkvksxs vfrfFk

**fganh Li”kZ dkO; [kaM &**1 jSnkl ds in

 2 jghe ds in

 3 vknehukek

**lap;u &** 1 fxYyw

 2 Le`fr

 3 dYyw dqEgkj dh mukdksfV

**O;kdj.k &** o.kZ & foPNsn] vuqLokj] vuqukfld] uqDrk]milxZ & izR;;] laf/k] fojke fpg~u

 **ys[ku &** vukSipkfjd i=] vuqPNsn] fp= o.kZu] laokn ys[ku] foKkiu ys[ku

 vifBr xn~;ka”k] dkO;ka”k

**FA3**

**fganh Li”kZ xn~; [kaM &** 5 oSKkfud psruk ds okgd

 6 dhpM+ dk dkO;

**fganh Li”kZ dkO; [kaM &** 4 ,d Qwy dh pkg

 5 xhr & vxhr

**lap;u &** 4 esjk NksVk lk futh iqLrdky;

**O;kdj.k &** milxZ & izR;;] laf/k] fojke fpgu

 **ys[ku &** vukSipkfjd i=] fp= o.kZu] laokn ys[ku] foKkiu ys[ku

**FA4**

**fganh Li”kZ xn~; [kaM &**  7 /keZ dh vkM+

 8 “kqdzrkjs ds leku

**fganh Li”kZ dkO; [kaM &** 6 vfXuiFk

 7 u, bykds esa] [kq”kcq jprs gSa gkFk

**lap;u &** 5 gkfen [kka

 6 fn, ty mBs

**O;kdj.k &** milxZ & izR;;] laf/k] fojke fpgu

 **ys[ku &** vukSipkfjd i=] fp= o.kZu] laokn ys[ku] foKkiu ys[ku

**SA2**

**fganh Li”kZ xn~; [kaM &** 5 oSKkfud psruk ds okgd

 6 dhpM+ dk dkO;

 7 /keZ dh vkM+

 8 “kqdzrkjs ds leku

**fganh Li”kZ dkO; [kaM &** 4 ,d Qwy dh pkg

 5 xhr & vxhr

 6 vfXuiFk

 7 u, bykds esa] [kq”kcq jprs gSa gkFk

**lap;u &** 4 esjk NksVk lk futh iqLrdky;

 5 gkfen [kka

 6 fn, ty mBs

**O;kdj.k &** o.kZ & foPNsn] vuqLokj] vuqukfld] uqDrk] milxZ & izR;;] laf/k] fojke fpgu

 **ys[ku &** vukSipkfjd i=] vuqPNsn] fp= o.kZu] laokn ys[ku]

 foKkiu ys[ku

 vifBr xn~;ka”k] dkO;ka”k

**SYLLABUS FOR CLASS – IX (SANSKRIT) (2015-16)**

**FA1**

IkkB~;iqLrd ikB 1] 2 vH;kl lfgr

O;kdj.k & vifBr xa|k'k] i= ys[ku] fp= ys[ku] mPPkkj.k LFkku] Loj laf/k ¼nh?kZ] xq.k½

 'kCn #i & vLen~] ;q"en~] /kkrq #i& Hkw] iB~] Øq/k~] vl~] gl~] ue~]

 ¼yV~ ydkj] y`V~ ydkj] y³~ ydkj½ izR;;&Y;i~

 foHkfDr & f}rh;k] r`rh;k] prqFkhZ

 vdkjkUrk% ¼ckydor~½] bdkjkUrk% ¼dfoor~½

**FA2**

IkkB~; iqLrd & ikB 3] 4] 5 vH;kl lfgr

O;kdj.k & vifBr] i=] fp=] mPPkkj.k LFkku] o.kZ foPNsn] o.kZ la;ksx] laf/k ¼o`f) ;.k~½

 O;atu & e~ LFkkus vuqLokj] .kRofo/kkue~] oxhZ; izFke & v{kjk.kka] r`rh;oxsZ

 ifjorZue~ r~ LFkkus p

'kCn #i & ;r~] rr~] fde~] bne~ ¼Lkk/kqor~] fir`or½

/kkrq #i & lso~] yHk~] u'k] xe~A

¼yV~ ydkj] y`V~ ydkj] y³~ ydkj½

foHkfDr & iapeh] "k"Bh] lIreh

izR;; & DRok] rqequ~

**SA1**

**[kaM& d** vifBr vocks/kue~

**[kaM &[k** i= ys[kua] fp= ys[kua

**[kaM &x ¼ef.kdk &vH;kliqLrd&vk/kkfjre~½**

**1 laLd`ro.kZekyk**

d½ o.kZ & mPPkkj.kLFkkukfu [k½ orZuh & o.kZla;ksTkue~] o.kZfoU;kle~

**2 okD;s"kq vuqPNsns ok laf/kdk;Ze~**

d½ Lojlaf/k% & nh?kZ%] xq.k%] o`f)%] ;.k~A

[k½ O;atulaf/k & e~ LFkkus vuqLokj% .kRofo/kkue~

 oxhZ; & izFke & v{kjk.kka r`rh;o.ksZ ifjorZue~ r~ LFkkus p~

 j~ iwoZL; jsQL; yksi% nh?kZLojRoa p r~ LFkkus y~

x½ folxZlaf/k%

 folxZL; mRoa] jRoa] yksi%A folxZLFkkus l~ 'k~] "k~A

**3 'kCn#ikf.k**

d½ 'kCnk% vtUrk% & vdkjkUrk% ¼ckydor~½] bdkjkUrk% ¼dfoor~½

 iqfYYkax% mdkjkUrk% & ¼Lkk/kqor~½] \_dkjkUrk% ¼fir`or½~

[k½ L=khfya³xk% vtUrk% & vkdkjkUrk% ¼jekor~½ bdkjkUrk%] ¼efror~½

 bZdkjkUrk% ¼unhor~½ \_dkjkUrk% ¼ekr`or~½

x½ uiqladfy³xk% vtUrk% & vdkjkUrk% ¼Qyor~½] mdkjkUrk% ¼e/kqor~½

?k½ loZuke'kCnk% & ;r~] rr~] fde~] bne~] ¼f="kq fy³~xs"kq½] vLen~] ;q"en~A

**/kkrq#ikf.k**

1. /kkrq#ikf.k & yV~] y`V~] y³~] ydkjs"kqA
2. /kkro% 1 IkjLeSifnu% & Hkw ¼Hko~½] iB] gl~] ue~] xe~] ¼xPN~½] vl~] Øq/k~] u'k~] 'kd~A
3. vkReusifnu% & ¼lso~] yHk~ ½

**miinfoHkfDrhuka iz;ksxk%**

¼vuqPNsns] okrkZykis] y?kqdFkk;ke~ ok

f}rh;k & vfHkr%] ifjr%] mHk;r%A

Rk`rh;k & lg~] fde~A

PkrqFkhZ & ue%] Lokgk] lkeF;sZA

Ikapeh & cfg%] fouk] iwoZe~] Hkh A

"k"Bh & iqjr%] i`"Br%] rei~] v/k%A

LkIreh & dq'ky%] fuiq.k%] izoh.k%A

 IkzR;;k% & rqequ~] DRok] Y;i~A

**[kaM ^?k^ ifBr vocks/kue~ & ¼ikB 1 ls 6 vH;kl lfgr½**

**FA3**

IkkB~; iqLrd&ikB 7]8]9 ¼ekSf[kd ijh{kk½ vH;kl lfgr] O;kdj.k] vifBr xa|k”k] i= ys[ku] fp= ys[ku

O;kdj.k & fyf[kr ijh{kk

'kCn #i & jktu~] Hkor~ vkReu~

/kkrq #i & mHk;in & Hkt~] ip~] vkReusin & #p~] eqn~ ijLeSin & vl~] gu~] fpUr~

 vki~] b"k~A ¼yksV~] fof/kfy³~ ydkj½

izR;; & Dr] Drorq] miin foHkfDr & iapeh] "k"Bh] lIreh

**FA4**

IkkB~;iqLrd & ikB & 10] 11] 12

'kCn #i & fo}l~] xPNr~] 'kCn #i (1-5)

/kkrq #i & ijLeSin~] iB~] gl~] “kd~] fpUr~] Kk] Hk{k~] d`] izPN~] Øq/k~ ¼yksV~ fof/kfy³~½

mHk;in & uh] gj~ ¼g`½

vkReusin & #p~] eqn~] ;kp~

foHkfDr & ¼f}rh;k ls lIreh rd½

izR;; & 'kr` 'kkup~

i= ys[ku~] fp= ys[ku] vifBr x|ka'k

**SA2**

d½ vifBr vocks/kue~

[k½i=ys[kue~] fp=ys[kue~

x½vuqiz;qDr O;kdj.ka ¼ef.kdk vH;kl iqLrd&vk/kkfjre~½

**1 'kCn#ikf.k**

d½ gyUr'kCnkuka & jktu~] Hkor~] vkReu~] fo}l~] xPNr~A

[k½ Lk³~[;kokpd'kCnkuka & ,d] f}] f=] prqj~] i«pu~A

**2 /kkrq#ikf.k**& ¼yksV~] fof/kfy³~ydkj;ks½

d½ ijLeSifnu% & vl~] gu~] Øq/k~]

 vki~] 'kd~] b"k~] i`PN~] d`] Kk] Hk{k~ fpUr~A

[k½ vkReusifnu% & #p~] eqn~] ;kp~A

Xk½ mHk;ifnu% & uh] à ¼gj~½ ] Hkt~] ip~A

**miinfoHkfDrhuka iz;ksxk%** ¼OkkD;s"kq] okrkZykis] vuqPNsns ok½

f}rh;k & le;k] fud"kk] izfr] f/kd~] foukA

Rk`rh;k& fouk] vye~] ghu%] iz;kstue~A

PkrqFkhZ & vye~ ¼lkeF;sZ½

Ikapeh & vkjHk~] iz%en~] ij%] vuUrje~A

"k"Bh & fu/kkZj.ks] oker%] nf{k.kr%] vuknjsA

LkIreh & fLug] fo'ol~] vuq&jt~] HkkosA

IkzR;;k% & OkkD;s"kq iz;ksx% Dr] Drorq] 'kr`] 'kkup~A

**[kaM ^?k^ ifBr vocks/kue~ &**¼ikB 7ls 14 rd vH;kl lfgr½