

SYLLABUS

SESSION 2018-19

CLASS– I X

ENGLISH LANGUAGE

Term 1 March

Essays

Pg. 44: (3)
Pg. 45: (4)
Pg. 175: (98)

Working Women make better.....
Boarding Schools are better.
A stitch in time saves nine.

Letter

Pg. 230L: (3)
Pg. 235: (8)
Pg. 280: (50)

Your Uncle has promised.
You have recently read a book.
To a friend apologising.

Grammar

Agreement of Verb with subject, Pg. No. 317, 318, 319, 320.

April

Essays

Pg. 52: (9)
Pg. 121: (59)
Pg. 188: (109)

The use of mobile phones.
A view from the bedroom window.
Necessity is the mother of invention.

Letter

Pg. 231: (4)
Pgs. 266, 267: (37)
Pg. 289: (2)

Make a decision about the choice of subjects.
To the Editor about poor conditions of roads.
A Notice.

Grammar

Pgs. 348-353
Pgs. 357-367

Exercise 1 to 4.
Exercise 1-10 (Types of sentences)

May

Essays

Pg. 58: (13)
Pg. 69: (21)
Pg. 132: (67)

Computer will replace books.
Tradition is an obstacle to progress.
A School Carnival or Fete.

Letters

Pg. 263: (34)
Pg. 267: (38)

Neighbourhood children playing on the street.
Municipal Corporation about Malaria.

Grammar

Pgs. 367- 371

Exercise 1 to 5

Comprehension

Pg. No. 296

Illustrated Example.

July

Essays

Pg. 107: (49)
Pg. 153: (82)

Pen is mightier than the sword.
Wedding Ceremony.

Letters

Pg. 242: (14)
Pg. 246: (18)

Held up due to rail accident.
To mother about an embarrassing situation.

Grammar

Pgs. 322, 323
Pg. 329
Pg. 330

Exercise 1+2.
Exercise 1.
Exercise 2.

1st Unit Test Syllabus

Letters

Term 2

August

Essays

Pg. 59: (14)
Pg. 100: (44)
Pg. 134: (69)
Pg. 161: (88)

Commercialization of festivals.
Manners maketh a man.
The waiting room at a railway station.
A day when everything went wrong in school.

Letters

Pg. 237: (10)
Pg. 244: (16)
Pg. 250: (22)

Grandparents completed 100 years.
Birthday gift from an uncle.
Failed to keep an appointment with a friend.

Grammar

Pgs. 371-373

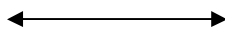
Exercise 6, 7, 8, 9, 10

Comprehension

Pgs. 299, 300

Exercise 1

September	Essays Pg. 51: (8) Pg. 125: (62) Pg. 162: (89) Pg. 179: (101)	More lessons are learnt on the Sports Field. On a school trip by bus. Write what you saw at the bus stand. Experience is the best teacher.
	Letter Pg. 234: (7) Pg. 248: (20) Pg. 260: (32) Pg. 265: (36)	A visit to old age home. A condolence to your friend. To the CM for urgent need of Government hospitals. Inaccurate account in a newspaper about theft.
	Grammar Pg. 319 Pg. 332 Pg. 336	Exercise 1. Exercise (3+4+5) Exercise 6
	Listening Skill	Pgs. 403, 404 Tsunami+Pgs. 408, 409.
October	Essay Pg. 89: (36) Pg. 194 (114)	Forefathers were luckier than us I do not believe in ghosts
	Letter Pg. 282: (52) Pg. 274: (44)	To the Director of Tourism To the D.G. of Police about a serious theft.
	Listening Skill	Pg. 406, 407-412 & 413.
<u>Term 3</u>		
<u>November</u>	Essays Pg. 182: (104) Pg. 169: (97)	Person who influenced your life. Siblings have different experiences.
	Letters Pg. 262: (33) Pg. 273: (43)	To the DM about inaugurating a club. A travel agency has sent wrong tickets.
	Grammar Pg. 378, 379, 380	Exercise 2
	Comprehension Pg. 301, 302	Exercise 2
December	Essays Pg. 207 Pg. 208	(Save water) picture composition. Picture 2
	Letter Pg. 257: (29) Pg. 258: (30)	Letter to Drug controller about spurious drugs. Cousin missing from home.
	Grammar Pg. 383	Exercise on Adverbs); Pg. 388 (Exercise)
January		Revision.
February		Revision.
<u>2nd Unit Test Syllabus</u>		
	Essay	Descriptive Essay.



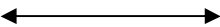
ENGLISH LITERATURE

<u>Term 1</u> March	Play:	Act I Sc 1 + Text + Work Book
	Prose:	Chief Seattle's Speech + Text + Work Book
	Poetry:	The Heart of the Tree + Text + Work Book
April	Play:	Act I Sc 2 + Text + Work Book
	Prose:	Old Man at the Bridge + Text + Work Book
	Poetry:	The Cold within + Text + Work Book
May	Play:	Act I Sc 3 + Text + Work Book
	Prose:	A Horse and Two Goats + Text + Work Book
	Poetry:	The Bangle Sellers + Text + Work Book

July	Play: Prose: Poetry:	Act II Sc 1 & 2 + Text + Work Book Hearts and Hands + Text + Work Book After Blenheim + Text + Work Book
<u>1st Unit Test Syllabus</u>		
The Old Man at the Bridge		
<u>Term 2</u>		
August	Play: Prose: Poetry:	Act II Sc 3, 4, 5 + Text + Work Book A Face in the Dark + Text + Work Book Television + Text + Work Book
September	Play: Prose: Poetry:	Act I Sc 6, 7 + Text + Work Book An Angel in Disguise + Text + Work Book Daffodils + Text + Work Book
October	Play: Prose: Poetry:	Act II Sc 8, 9 + Text + Work Book The Little Match Girl + Text + Work Book ___ + Text + Work Book
<u>Term 3</u>		
November	Play: Prose: Poetry:	Act III Sc 1, 2 + Text + Work Book My Greatest Olympic Prize + Text + Work Book ___ + Text + Work Book
December	Play: Prose: Poetry:	Act III Sc 3, 4, 5 + Text + Work Book ___ + Text + Work Book Abou Ben Adham + Nine Gold Medals + Text + Work Book
January	Play: Prose: Poetry:	Revision Revision Revision
February	Play: Prose: Poetry:	Revision Revision Revision

2nd Unit Test Syllabus

Act III (full) The Merchant of Venice



HINDI LANGUAGE

Term 1

March	iŁrko 1 2 3 4 dgkuh 1 2 3 fp= v/; ; u i = vkŁ pkfjd vukŁ pkfjd vi fBrx kŁk foi jhrkFKŁd fo"ksk.k i ; kŁ okph okD; kŁk egkoja	euq; dk vuŁko ----- iŁ l s l kŁftd ----- l e; dk l nŁ ; kŁ QŁku tŁ h djuh oŁ h Hkjuh vkxs dŁk i hNs [kŁbŁ [kŁnk i gkM fudyh pŁg; k vH; kl 1] 2 ¼" B 141½ fdl h if=dk dsfu; fer xŁgd ¼" B 156½ LorŁ=rk fnol ij vk; kŁtr HkŁk.k ifr; kŁxrk ds l Ec/k ea fe= dks i = ¼" B 186½ 1] 2] 3] ¼" B 257 l s 259½ vpy l s vŁdk" k ¼" B 295½ vFKl l s dke ¼" B 317½ vfxu l s vŁkŁk.k ¼" B 300½ 1 l s 30 rd ¼" B 303½ 1 l s 20 rd ¼" B 307½
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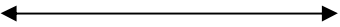
April	Hkkookpd	euq; I spouk ¼'B 321½
	i Lrko 5	vPNk i Mkd h
	6	ejh fiz; _rq
	7	cpi u dh e/kj Lefr; k
	8	I ekpj i =
	9	fj"rkdh vgfe; r
	10	i kr%dkyhu Hke.k
	11	dku cuxk djMifr\
	12	vl Qyrk gh I Qyrk dk vl/kkj
	dgkuh 4	nj ds<ky I gkous
	fp=	vh; kl 3] 4 ¼'B 42½
	i = vks pkfjd	LokLF; vf/kdkjh dk i = ¼'B 157½
	vukS pkfjd	cM+HkkbZ dks [kkI HkM/ nus dsfy, i = ¼'B 187½
	rRI e	vfLFk I s d.kZ ¼'B 298½
May	i Lrko 13	efgykvkd dk jktufrr ea inkiZk
	14	ifjokj ea ekj dk LFkku
	15	ukSfj; ka ea vkj {k.k
	16	{kek cM+u dks pkfg,
	dgkuh 5	ogh euq; gSfd tks euq; dsfy, ejs
	i = vks pkfjd	ty vki firZvf/kdkjh dks i = ¼'B 159½
	vks pkfjd	fonS'k ; k=k ij tkrs gq fe= dks i = ¼'B 189½
July	vi fBr x k'k	4] 5] 6] 7 ¼'B 261 I s 264½
	i Lrko 17	eknd n0; vks ; pk i h<h
	18	I kfgR; I ekt dk niZk
	19	Hkkjr dh I eL; k, i
	ykdkfDr; k	1 I s 15 rd ¼'B 311 I s 312½
	fo"ksk.k	dk; k I s Hkkoy ¼'B 318½
	mi l xZ	vfr I s tujy ¼'B 323 I s 324½
1 st Unit Test Syllabus	okD; "kq djks	Worksheet Revision okD; ifjorZu , oa okD; "kq
		i = ¼day vks pkfjd ¼ foijhrkFkd] i ; kZ okph] okD; k"k] egkojS fo"ksk.k] Hkkookpd
		¼'B 324 I s 325½
		¼'B 325½
		vd I s jI ¼'B 326 I s 327½
		I ekpj i =
		dEl; Wj
		gekjk nS'k
		foKku%ojnku ; k vfHk"kki
		Hkkjr ea ukjh dk LFkku
Term 2 August	i R; ;	f"kk dk mnns";
	fHkUuvFkZ	fo kFkhZ thou
	vudkFkhZ	vuq'kkI u
	i Lrko 20	Hkda
	21	I gf"k{kk
	22	R; kqj ka dk egRRo
	23	"kgjh thou
	24	i Lrdky;
	25	4& viuh iozh; inS'k dh ; k=k ds I ECU/k-----
	26	5&ohjrk ijLdkj dsfy, fe= dks i = ¼'B 189&199½
September	27	vkun&x.kS'k ¼'B 300½
	28	31 I s 68 ¼'B 304½
	29	21 I s 40 ¼'B 307 I s 308½
	30	16 I s 30 ¼'B 311 I s 312½
	31	¼'B 315½
	32	e/kq I s Lrfrr ¼'B 319½
	i = vukS pkfjd	
	i ; kZ okph	
	okD; k'k	
	egkojs	
	ykdkfDr; k	
	"kq y[ku	
	fo"ksk.k	

	Hkkookpd rRI e foi jhrkFkZ dgkuh 6 7 8 9 10 11 vi fBrx k'k	mrjuk l s drK ¼ B 322½ dkd l s ef{kdk ¼ B 299½ vkrj l s Hknz ¼ B 296½ etgc ughaf l [kkrk vki l ea c} djuk eu dsgkjs gkj gseu ds thrs thr vc i Nrk, gkr dk ----- fcuk fcpkjs tks djs----- l æfr dk Qy e[l z dks mi n'sk ugha nsuk pkfg, 7] 8] 9] vH; kl ¼ B 265 l s 266½
October	fp= i = vks pkfjd 4 5 i Lrko 33 34 35 vi fBrx k'k	5] 6] ¼ B 143½ foyEc l s fo ky; i gpus ds dkj .k i zkkukpk; Z dks {kek ; kpuk----- dEl; Wj ea [kjkch ds fy, eustj dks f"kd k; rh i = i Lrda l Pph fe= ¼ B 160½ ifjJe dk egRRo o{kjki .k 10 ¼ B 269½ Revision (Worksheet okD; i fjorZu , oa okD; "kq½
Term 3		
November	vi fBrx k'k i = vks pkfjd 6 7 vukS pkfjd 6 7 i Lrko 36 37 38 39 40 41 42 fp= dgkuh 12 14 16 fo"ksk .k Hkkookpd	11] 12 ¼ B 268 l s 269½ Nk= ofRr ds fy, i zkkukpk; Z dks vkonu i = ¼ B 162½ pfj= i æk .k i = nus ds fy, i zkkukpk; Z ¼ B 163½ ijh{k ea vl Qy gks tkus ij Hkkbz dks l kRouk ¼ B 191½ Nk/s Hkkbz dks LoLFk jgus ds fy, LoLF; ds fu; eks ds ckjs ----- ¼ B 192½ vktknh dk egRRo , oa dRrD; foKki u ; æ ykdra= vks puk l kp cjkj ri ugha ijfgr l fj l /keZ ufg Hkkbz l knk thou mPp fopkj l RI æfr 7] 8 ¼ B 144½ ykyp cjh cyk gS l pks l cdh dj k eu dh ftl ds ikl c{ } gS--- Lokn l s ckj ¼ B 320½ i q; kRek l s fu.kZ ¼ B 323½
December	i ; kZ okph egkojs ykdksDr; k okD; k'k foi jhrkFkhZ rRI e i = vks pkfjd 3 9 vukS pkfjd 8 i Lrkko 43 44 45 46 47	xakk l s nqkZ ¼ B 300½ 31 l s 60 ¼ B 308½ 31 l s 42 ¼ B 312½ 69 l s 90 ¼ B 305½ Hkko l s [kkn; ¼ B 297½ ; epk l s y{k ¼ B 299½ i zkkukpk; Z dks {kek ; kpuk i = ¼ B 163½ puko l qkj ds l nHkZ ea l ekpkj l Eiknd dks i = ¼ B 164½ l RI æfr dk egRRo crkrsgq fe= dks i = ¼ B 193½ djr djr vH; kl ds----- eu dsgkjs gkj gS----- ; fn ea i zkkukpk; Z gkrk orZeku f"k{k izkkyh Hkkjrh; LorU=rk l sukuh
January	fHKUuvFkZ vusdkFkhZ "kq y[ku	¼ B 326½ fof/k l ser ¼ B 328½ ¼ B 316½ okD; i fjorZu , oa okD; "kq djks (Worksheet)

February
2nd Unit Test Syllabus

Revision
Revision

Hkkookpd] fo"ksk.k] egkoj} okD; ifjorZu] mi l x] iR; ;] "kGn
"kq; y[ku] okD; kark] foyke] i ; kZ okph



HINDI LITERATURE

Term 1

March

I kfgR; I kxj
 $\frac{1}{4} \times \frac{1}{2}$
 $\frac{1}{4} \times \frac{1}{2}$
 $\frac{1}{4} \mid \frac{1}{2}$

- 1- ckr vBUuh dh
- 2- dkdh
- 1- I k[kh

April

I kfgR; I kxj
 $\frac{1}{4} \times \frac{1}{2}$
 $\frac{1}{4} \mid \frac{1}{2}$
, dkdh I p;

- 2- I ldkj vkj Hkkouk
- 2- fxj/kj dh dMfy; k;
- 1- I ldkj vkj Hkkouk

May

I kfgR; I kxj
 $\frac{1}{4} \times \frac{1}{2}$
 $\frac{1}{4} \mid \frac{1}{2}$
, dkdh I p;

- 3- egk; K dk ijLdkj
- 3- LoxZcuk I drsga
- 1- I ldkj vkj Hkkouk

July

I kfgR; I kxj
, dkdh I p;

Revision

- 1- I ldkj vkj Hkkouk

1st Unit Test Syllabus

fxj/kj dh dMfy; k;
egk; K dk ijLdkj

Term 2

August

I kfgR; I kxj
 $\frac{1}{4} \times \frac{1}{2}$
 $\frac{1}{4} \mid \frac{1}{2}$

- 4- urk th dk p"ek
- 5- viuk viuk HkkX;
- 4- og ejh tle Hkrie
- 5- eak vk,

September

, dkdh

- 2- cgwdh fonk

October

Revision

Term 3

November

I kfgR; I kxj
 $\frac{1}{4} \times \frac{1}{2}$
 $\frac{1}{4} \mid \frac{1}{2}$
, dkdh

- 6- cMg?kj dh cVh
- 6- I j ds in
- 3- ekrHkrie dk eku

December

I kfgR; I kxj
 $\frac{1}{4} \times \frac{1}{2}$
 $\frac{1}{4} \mid \frac{1}{2}$
, dkdh

- 7- I ng
- 7- fou; ds in
- 4- I v[kh Mkyh

January

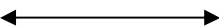
, dkdh

I v[kh Mkyh

Revision $\frac{1}{4}$ kfgR; I kxj] , dkdh $\frac{1}{2}$

2nd Unit Test Syllabus

ekrHkrie dk eku



HISTORY / CIVICS

Term 1

March

Civics

Chapter 1

Our Constitution

History

Chapter 1

The Harappan Civilization

April

History

Chapter 2

The Vedic Period

Chapter 3

Jainism and Buddhism

Chapter 4

The Mauryan Empire

May

History

Chapter 4

The Mauryan Empire contd...

Chapter 5

The Sangam Age

July

Revision

1st Unit Test Syllabus

Chapter 1

Our Constitution

Term 2

August

History

Chapter 6

The Age of the Guptas

Civics

Chapter 2

Elections

History

Chapter 7

South India and the Cholas

September

History

Chapter 8

The Delhi Sultanate

Chapter 9

The Great Mughals

October

Revision

Term 3

November

Civics

Chapter 3

Local Self Government (Rural and Urban institutions)

History

Chapter 10

Emergence of Composite Culture

December

History

Chapter 11

The Renaissance

Chapter 12

The Reformation

January

History

Chapter

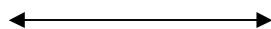
The Industrial Revolution

February

2nd Unit Test Syllabus

Chapter 10

Emergence of Composite Culture



GEOGRAPHY

Term 1

March

Chapter 1

The earth as a planet

Chapter 2

Earth as the home of humankind

April

Chapter 3

Geographic Grid

Chapter 4

Rotation and Revolution

Chapter 5

Earth's Structure

May

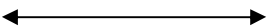
Chapter 6

Landforms of Earth

Map Work (World Map)

Mountains- Rockies, Andes, Appalachian Alps, Himalayas, Pyrenees, Scandinavian Highlands, Caucasus, Atlas, Drakensburg, Khinghan Zagros, Urals, Great Dividing Range

July	Chapter 8 Chapter 9	Volcanoes Earthquakes
<u>1st Unit Test Syllabus</u>	Chapter 4	Rotation and Revolution
<u>Term 2</u> August	Chapter 7 Chapter 10 Chapter 11	Rocks and Minerals Weathering Agents of denudation (rivers and wind)
September	Chapter 12 Toposheet Map Work	Movement of Ocean Water (currents and tides) (45D/7 and 45D/10) Rivers- Mississippi, Colorado, Amazon Paraguay, Nile, Zaire Niger, Zambezi, Orange, Rhine Volga, Danube, Murray Darling, Hwang Ho, Ob, Indus, Ganga, Mekong, Tigris, Euphrates
October	Chapter 14	Insolation Revision
<u>Term 3</u> November	Chapter15	Atmospheric Pressure and Winds Revision of Toposheet will cont..
December	Chapter 16 Chapter 17 Chapter 18 Map Work Plateaus	Humidity Pollution and its types Sources of Pollution Natural Regions of the World Equatorial, Tropical Monsoon, Tropical grasslands, Temperate grasslands, Taiga, Tundra Canadian shield, Tibetan Pl., Mongolian Pl., Brazilian Highland, Patagonian, Iranian Pl.
January	Chapter 19 Chapter 20 Chapter 21	Effects of Pollution Preventive measures against pollution Natural Regions of the world
February		Revision of Toposheet
<u>2nd Unit Test Syllabus</u>	Chapter15	Atmospheric Pressure and Winds

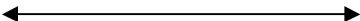


PHYSICS

<u>Term 1</u> March	Chapter1 Experiments:	Measurements and Experimentation 1- To determine the least count of the vernier calipers and measure the length and diameter of a small cylinder may be a metal rod of length 2 to 3 cm and diameter 1 to 2 cm. 2- To determine the pitch and least count of the given screw gauge and measure the mean radius of the given wire.
April	Chapter 1 Chapter 2 Experiments:	Measurements and Experimentation Motion In One Dimension 1- To measure the length, breadth and thickness of a glass block using a metre rule (each reading correct to amm), taking the mean of three readings in each case and to calculate its volume in cm ³ and m ³ . Then to determine the mass of the block in g and kg using a physical balance and to calculate the density of glass in C.G.S. and SI units using mass and volume in respective units. Obtain the relation between the C.G.S. and SI units of density.

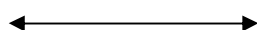
- 2- To find the volume of a given metal bob using a measuring jar and to verify the calculation.
 3- To measure the volume of the metal bob by measuring its radius using vernier calipers.

May	Chapter 2 Chapter 3 Experiments:	Motion In One Dimension Newton's Laws of Motion. 1- To calculate the time periods (T) and their squares (T ²) for each length (l) for 20 oscillations of a simple pendulum of length about 70, 80, 90, 100 and 110 cm each. Plot a graph of l vs T ² , also obtain its slope and calculate the value of g in the laboratory by the method $g=4\pi^2\times \frac{1}{slope}$. 2- To determine the temperature of very cold and normal hot water on Celsius and Fahrenheit scales respectively and to obtain the relationship between the two scales of temperature.
July	Chapter 3 Experiment:	Newton's Laws of Motion Revision To verify the laws of reflection of light by using a plane mirror
<u>1st Unit Test Syllabus</u> Chapter 1		Measurements and Experimentation
<u>Term 2</u> August	Chapter 4 Chapter 5 Experiment:	Fluids Heat and Energy 1- To prove that the image formed in a plane mirror is as far behind the mirror as the object is in front of it
September	Chapter 5 Chapter 6 Experiment:	Heat and Energy Light 1- To determine the focal length of a concave mirror by obtaining an image of a distant object
October	Chapter 6 Experiment:	Light Revision 1- To find the value of R in case of a concave mirror and to find the focal length of the concave mirror by the one needle method
<u>Term 3</u> November	Chapter 7 Experiment:	Sound 1- To find the resultant of two small bulbs used in torches (resistors) connected in (i) Series and (ii) Parallel and to observe the glow of bulbs connected in each case
December	Chapter 7 Chapter 8 Experiment:	Sound Electricity and Magnetism 1- To plot the magnetic lines of force of a bar magnet
January	Chapter 8 Experiment:	Electricity and Magnetism Revision 1- To obtain the weight of the metal ball in air as well as in water using a spring balance and to verify the Archimedes's principle
February		Revision
<u>2nd Unit Test Syllabus</u> Chapter 7		Sound



CHEMISTRY

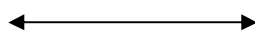
<u>Term 1</u> March	Chapter 1 Chapter 2	The Language of Chemistry Chemical changes and Reactions
April	Chapter 2 Chapter 3 Practical Work:	Chemical changes and Reactions Water 1- To identify the gas produced by various methods
May	Chapter 4 A Practical Work:	Atomic Structure 2- Action of heat on the following compounds: a- Copper carbonate, Zinc carbonate b- Washing soda, Copper Sulphate crystal c- Zinc Nitrate, Copper nitrate d- Lead Nitrate, Ammonium, Iodine e- Ammonium dichromate
July	Chapter 4 B Practical Work:	Chemical Bonding Action of dilute sulphuric acid on the following substances a- A metal b- A carbonate c- A sulphide d- A sulphite Revision
<u>1st Unit Test Syllabus</u>	Chapter 1	The Language of Chemistry
<u>Term 2</u> August	Chapter 5 Practical Work:	Periodic Table To identify the metallic radical present in the given substance by applying flame test.
September	Chapter 5 Chapter 6 Practical Work:	Periodic Table Study of the first element (Hydrogen) Simple experiments based on hard water and soft water
October	Chapter 6	Study of the first element: Hydrogen Revision
<u>Term 3</u> November	Chapter 7 Practical Work:	Study of Gas Laws Practical related to practical chemistry.
December	Chapter 8	Atmospheric Pollution
January	Chapter 8	Atmospheric Pollution
February		Revision
<u>2nd Unit Test Syllabus</u>	Chapter 7	Study of Gas Laws.



BIOLOGY

<u>Term 1</u> March	Chapter 1 Experiment-	Cell Structure 1- The examination of an onion peel under the microscope
April	Chapter 2 Chapter 3 Experiment-	Plant and Animal Tissues Vegetative Propagation, Hybridization and Micropropagation 2- A cross pollinated flower to be examined and identified and the parts to be studied and labelled eg- Hibiscus

May	Chapter 4 Experiment-	Biotechnology 3- To identify the specimens of germinating seeds with plumule and radicle eg- Bean seed and maize grain
July	Chapter5 Chapter 6 Experiment-	Flower Pollination 4- Identification of Sugar, Starch, Protein and Fats
<u>1st Unit Test Syllabus</u>		
	Chapter 1	Cell Structure
<u>Term 2</u> August	Chapter 7 Chapter 8 Chapter 9 Experiment-	Fertilization in Plants Structure of Seeds Respiration in Plants 5- Examination and identification of specimens belonging to the following groups- Porifera, Coelenterata, Platyhelminthes Annelida, Arthropoda and Mollusca
September	Chapter 10 Chapter 11 Chapter 12 Experiment-	Five kingdom classification Economic importance of Bacteria Economic importance of Fungi 6- Identification of Animal Species belonging to Chordata- Pisces, Amphibia, Reptilia, Aves, Mammals
October	Chapter 13 Chapter 14 Experiment-	Nutrition Tooth 7- Identification of the structure of the following organs through models and charts. Lung and Skin
<u>Term 3</u> November	Chapter 15 Chapter 16	Digestive System in Human Movement and Locomotion
December	Chapter 17 Chapter 18 Chapter 19 Chapter 20 Experiment-	Skin Respiratory System Health Diseases 8- Experiment to show the mechanism of breathing through Belljar method
January	Chapter 21 Chapter 22	Aids to health Waste generation and Management Revision
February		Revision
<u>2nd Unit Test Syllabus</u>		
	Chapter 15	Digestive System in Human



MATHEMATICS

<u>Term 1</u> March	Chapter 2	Compound Interest
April	Chapter 3 Chapter 4 Chapter 5	Expansions Factorisation Simultaneous Linear Equations in two variables
May	Chapter 5 Chapter 20 Chapter 14 Chapter 15	Simultaneous Linear Equations in two Variables Coordinates and Graphs of Simultaneous Linear Equations Statistics, Introduction, Data and Frequency Distribution Mean, Median and Frequency Polygon
July	Chapter 8	Triangles

1st Unit Test Syllabus

Chapter 2 Compound Interest

Term 2 **August**

Chapter 6 Indices/Exponents
Chapter 7 Logarithms
Chapter 9 Mid-Point and Intercept Theorems
Chapter 10 Pythagoras Theorem

September Chapter 19 Trigonometrical Ratios
Chapter 11 Rectilinear Figures

October Chapter 12 Area Theorems

Term 3

November Chapter 16 Area of Plane Figures
Chapter 17 Circle- Circumference and Area

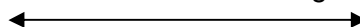
December Chapter 18 Surface Area and Volume of 3D Solids(cuboid and cube)
Chapter 13 Circle

January Chapter 1 Rational and Irrational Numbers

February **Revision**

2nd Unit Test Syllabus

Chapter 16 Area of Plane Figures



ECONOMICS

For further details students must go through I.C.S.E. 2020 Syllabus Booklet.

Term 1

March +April

(Unit-1) **Introduction to Economics**

- I. Definition of Economics according to Adams, Robbins, Keynes and Samuelson.
- II. Micro and Macro Economics: Meaning, difference and examples only.
- III. Types of activities: Economic and non economic activities: meaning and examples; difference between economic and non economic activities.
- IV. Sectors in an Economy: Primary, Secondary and Tertiary Sectors: meaning and examples along with; differences.
- V. Basic Economic Terms: Meaning of the following economic terms: Wants, Goods, Services, Wealth, Utility, Production, Consumption, Sustainable Consumption, Factors of Production, Market, Price, Value, Income, Saving, Wealth, Welfare, Economy.
- VI. Entities: Government sectors, firms, households, foreign sector: meaning only.

May

(Unit-2) **Types of Economies**

- I. On the basis of Nature: Capitalist Economy, Socialist Economy and Mixed Economy with reference to India (meaning and differences).
- II. On the basis of Development: Developed Economy and Developing Economy: meaning and differences.
- III. Economic growth and development: meaning and differences.

July

(Unit-3) **Problems of an Economy**

- I. Limited availability of resources: meaning and types of resources with examples; meaning and examples of limited resources; an understanding of the basic economic problem- human wants are unlimited in relation to limited resources that have alternative uses; need for efficient use of resources(brief understanding with an example).
- II. Central problems of an economy: What to produce? How to produce? For whom to produce? - A brief understanding with examples.

1st Unit Test Syllabus:

(Unit-1) Introduction to Economics

- I. Definition of Economics according to Adams, Robbins, Keynes and Samuelson.
- II. Micro and Macro Economics: Meaning, difference and examples only.
- III. Types of activities: Economic and non economic activities: meaning and examples; Difference between economic and non economic activities.
- IV. Sectors in an Economy: Primary, Secondary and Tertiary Sectors: meaning and examples along with; differences.

Term 2

August

(Unit-4) The Indian Economy: A Study

- I. Primary Sector: Agriculture- contribution of agriculture; problems of Indian agriculture; Government measures to increase agricultural production; Green revolution and its impact; food security.
 - (a) Agriculture and allied activities: meaning; contribution of agriculture to employment, Industry, trade and self- sufficiency in food production: A brief understanding of the above.
 - (b) Problems of Indian agriculture: a brief understanding of: limited use of technology, fragmentation of land holdings, dependence on monsoon, lack of rural credit facilities, inadequate storage and marketing facilities.
 - (c) Government measures to improve agricultural production: use of high yielding variety seeds, use of fertilisers and insecticides, better irrigation facilities, adoption of technology, setting up of Agricultural Research Centers and institutes, Provision and expansion of rural credit facilities. Provision of better storage and marketing facilities: a brief understanding of the above.
 - (d) Green Revolution: meaning and its positive impacts.
 - (e) Meaning of Food Security; role of Food Corporation of India(FCI)

September +October

- II Secondary Industry: meaning and types; adverse impacts of industrialisation and measures to overcome adverse impacts.
 - (a) Meaning of industry; A brief understanding of the interdependence of Agriculture and Industry.
 - (b) Types of industries; large scale and medium scale Industries. Meaning, features and examples only. Cottage and Small- Scale Industries. Meaning, features and examples; significance with reference to India.
 - (c) Adverse impacts of industrialisation: a brief understanding of the adverse impacts with reference to industrial pollution and deforestation; measures to overcome the adverse impacts: Afforestation, waste management.
 - (d) Tertiary Sector: Education and Healthcare, Transportation, Banking, insurance, Communication, Storage and Warehousing. Role of each of the above in the economic development of the country in brief with the help of examples.

Term 3

November + December

(Unit-5) Major problems of the Indian Economy

- I. Poverty: meaning of poverty line- concept based on calorie intake; Relative and absolute poverty: meaning with examples; Causes of poverty: any 5 causes of poverty to be discussed.
- II. Unemployment: Meaning; types: Seasonal, Structural, and Technological: Meaning and examples of each. Causes of unemployment- any five to be discussed.
- III. Schemes and programmes introduced by the government to remove poverty and unemployment. Any two programs to be studied with the objectives. For example, IRDP, JRY, PKVY, HRIDAY, MNREGA, etc.

January

(Unit-6) Major Reforms and Emerging trends in the Indian Economy

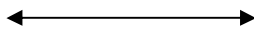
- I. LPG Model: Liberalisation, Privatisation and Globalisation: meaning of each term and its positive impact on the Indian Economy.
 - II. Smart City: Concept of Smart City; Case Study: take one suitable Example of a smart city and discuss the development taken place in the form of infrastructure development, reduction of unemployment, poverty alleviation, HR development and industrial development.
 - III. 'Digital India' and 'Skill India': Case study of each of the above
- (Unit-6 is not to be tested)**

February Revision

2nd Unit Test Syllabus:

(Unit-5) Major problems of the Indian Economy

- I. Poverty: meaning of poverty line- concept based on calorie intake;
Relative and absolute poverty: meaning with examples;
Causes of poverty: any 5 causes of poverty to be discussed.
- II. Unemployment: Meaning; types: Seasonal, Structural, and Technological:
Meaning and examples of each. Causes of unemployment- any five to be
discussed.
- III. Schemes and programmes introduced by the government to remove
poverty and unemployment.
Any two programs to be studied with the objectives. For example,
IRDP, JRY, PKVY, HRIDAY, MNREGA, etc.



COMMERCIAL STUDIES

For further details students must go through I.C.S.E. 2020 Syllabus Booklet.

Term 1

March	Chapter 1	Commercial Activities
	Chapter 2	Profit Making and Non-Profit Organisations
April	Chapter 3	Commerce
	Chapter 4	Sole Proprietorship and One Person Company
	Chapter 5	Partnership
	Chapter 6	Joint Stock Company
May	Chapter 7	Co-operative Society
	Chapter 8	Public Sector Enterprises and Joint Sector Enterprises
	Chapter 9	Marketing and Sales
	Chapter 10	Finance and Accounting
	Chapter 11	Human Resources
July	Chapter 12	Production
	Chapter 13	Purchasing and Stores
	Chapter 14	General Administration and Legal Department
	Chapter 15	Management Integrated System

Note:- Chapter 9 to 15 Covers meaning and objectives only.

1st Unit Test Syllabus:

Chapter 1	Commercial Activities
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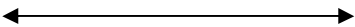
Term 2

August	Chapter 16	Communication in Commercial Organisations
	Chapter 17	Methods of Communication
September	Chapter 18	Accounting: Meaning, Objectives and Basic Terms
	Chapter 19	Basic Accounting Principles and Concepts
October	Chapter 20	Accounting Books and Statements

Term 3

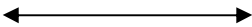
November	Chapter 21	Banking
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December	Chapter 22 Chapter 23	Trade : Channels of Distribution E-Commerce and E-Trade
January	Chapter 24	Social Responsibility of Commercial Organisations
February		Revision
<u>2nd Unit Test Syllabus:</u>	Chapter 21	Banking



COMPUTER APPLICATION

<u>Term 1</u>		
March	Chapter1 Chapter 2	Operating System Graphics User Interface
April	Chapter 2 Chapter 3	Graphics User Interface Internet and Its services
May	Chapter 4 Chapter 9	Computing and Ethics MS Power Point
July	Chapter 9	MS Power Point
<u>1st Unit Test Syllabus</u>	Chapter 2	Graphics User Interface
<u>Term 2</u>		
August	Chapter 5 Chapter 6 Chapter 7	Word Processing Using Microsoft Word-I Word Processing Using Microsoft Word-II Advanced Features of Microsoft Word
September	Chapter 8 Chapter 10	Introduction to MS Excel Introduction to MS Access
October	Chapter 11	Microsoft Access Queries, Forms and Reports
<u>Term 3</u>		
November	Chapter 12 Chapter 13	Concepts of Objects The Java Phenomenon
December	Chapter 15 Chapter 16 Chapter 17	Java Fundamentals Programming in Java Conditional Structure
January	Chapter 18 Chapter 19	Repetitive Structure The Math Class
February		Revision
<u>2nd Unit Test Syllabus</u>	Chapter 12	Concept of Objects



HOME SCIENCE

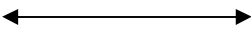
<u>Term 1</u>		
March	Chapter1	Concept and scope of Home Science
April	Chapter 2 Chapter 3	Food and Health Methods of Cooking Food
May	Chapter 4	Nutrients and their functions
July	Chapter 5	The Family

1st Unit Test Syllabus

	Chapter 1	Concept and scope of Home Science
Term 2		
August	Chapter 6 Chapter 7	Women and Child Welfare Growth and development of children from birth to five years
September	Chapter 8	Role of play and playschool for the young child
October	Chapter 9	Choosing a home
Term 3		
November	Chapter10	Maintenance of house and its environment
December	Chapter 11 Chapter 12	Waste management in the home and community Need to refuse, reduce, reuse, repair and recycle (5 R-s) waste
January	Chapter 13 Chapter 14	Types of fabrics available in the market Factors influencing choice of clothing
February		Revision

2nd Unit Test Syllabus

	Chapter 10	Maintenance of house and its environment
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PHYSICAL EDUCATION

Term 1		
March	Chapter1 Practical	Basic Organization Athletics and Yoga
April	Chapter 2 Practical	Movement and Support Cricket, Football and Gymnastics
May	Chapter 3 Practical	Respiration Table Tennis, Lawn Tennis
July	Chapter 2 Practical	Movement and support Cricket and Football
1st Unit Test Syllabus		
	Chapter 1 Practical	Basic Organization Athletics and Yoga
Term 2		
August	Chapter 4 Practical	Circulation Badminton, Swimming and Judo
September	Chapter 5 Practical	Nutrition Tae kwon Do, Hockey and Kho-Kho
October	Chapter 6 Practical	Excretion Skating and Volleyball
Term 3		
November	Chapter 7 Practical Chapter 4	Sensitivity and Co-ordination Cricket and Football Circulation
December	Chapter 1 Practical	Revision Basic Organization Basketball and Kabaddi and Handball
January	Chapter 2 Chapter3 Chapter 6 Practical	Movement and Support Respiration Excretion Football
February	Chapter5 Chapter 7 Practical	Nutrition Sensitivity and co-ordination Football
2nd Unit Test Syllabus		
	Chapter 4 Practical	Circulation Cricket and Football

