SYLLABUS

SESSION 2018-19

CLASS– I X

ENGLISH LANGUAGE

Term 1

March	**Essays**	
	Pg. 44: (3)	Working Women make better…….
	Pg. 45: (4)	Boarding Schools are better.
	Pg. 175: (98)	A stitch in time saves nine.
	Letter	
	Pg. 230L: (3)	Your Uncle has promised.
	Pg. 235: (8)	You have recently read a book.
	Pg. 280: (50)	To a friend apologising.
	Grammar	Agreement of Verb with subject, Pg. No. 317, 318, 319, 320.
April	**Essays**	
	Pg. 52: (9)	The use of mobile phones.
	Pg. 121: (59)	A view from the bedroom window.
	Pg. 188: (109)	Necessity is the mother of invention.
	Letter	
	Pg. 231: (4)	Make a decision about the choice of subjects.
	Pgs. 266, 267: (37)	To the Editor about poor conditions of roads.
	Pg. 289: (2)	A Notice.
	Grammar	
	Pgs. 348-353	Exercise 1 to 4.
	Pgs. 357-367	Exercise 1-10 (Types of sentences)
May	**Essays**	
	Pg. 58: (13)	Computer will replace books.
	Pg. 69: (21)	Tradition is an obstacle to progress.
	Pg. 132: (67)	A School Carnival or Fete.
	Letters	
	Pg. 263: (34)	Neighbourhood children playing on the street.
	Pg. 267: (38)	Municipal Corporation about Malaria.
	Grammar	
	Pgs. 367- 371	Exercise 1 to 5
	Comprehension	
	Pg. No. 296	Illustrated Example.
July	**Essays**	
	Pg. 107: (49)	Pen is mightier than the sword.
	Pg. 153: (82)	Wedding Ceremony.
	Letters	
	Pg. 242: (14)	Held up due to rail accident.
	Pg. 246: (18)	To mother about an embarrassing situation.
	Grammar	
	Pgs. 322, 323	Exercise 1+2.
	Pg. 329	Exercise 1.
	Pg. 330	Exercise 2.

1st Unit Test Syllabus

Letters

Term 2

August	**Essays**	
	Pg. 59: (14)	Commercialization of festivals.
	Pg. 100: (44)	Manners maketh a man.
	Pg. 134: (69)	The waiting room at a railway station.
	Pg. 161: (88)	A day when everything went wrong in school.
	Letters	
	Pg. 237: (10)	Grandparents completed 100 years.
	Pg. 244: (16)	Birthday gift from an uncle.
	Pg. 250: (22)	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)	More lessons are learnt on the Sports Field.
	Pg. 125: (62)	On a school trip by bus.
	Pg. 162: (89)	Write what you saw at the bus stand.
	Pg. 179: (101)	Experience is the best teacher.
	Letter	
	Pg. 234: (7)	A visit to old age home.
	Pg. 248: (20)	A condolence to your friend.
	Pg. 260: (32)	To the CM for urgent need of Government hospitals.
	Pg. 265: (36)	Inaccurate account in a newspaper about theft.
	Grammar	
	Pg. 319	Exercise 1.
	Pg. 332	Exercise (3+4+5)
	Pg. 336	Exercise 6
	Listening Skill	Pgs. 403, 404 Tsunami+Pgs. 408, 409.
October	**Essay**	
	Pg. 89: (36)	Forefathers were luckier than us
	Pg. 194 (114)	I do not believe in ghosts
	Letter	
	Pg. 282: (52)	To the Director of Tourism
	Pg. 274: (44)	To the D.G. of Police about a serious theft.
	Listening Skill	Pg. 406, 407-412 & 413.

Term 3

November	**Essays**	
	Pg. 182: (104)	Person who influenced your life.
	Pg. 169: (97)	Siblings have different experiences.
	Letters	
	Pg. 262: (33)	To the DM about inaugurating a club.
	Pg. 273: (43)	A travel agency has sent wrong tickets.
	Grammar	
	Pg. 378, 379, 380	Exercise 2
	Comprehension	
	Pg. 301, 302	Exercise 2
December	**Essays**	
	Pg. 207	(Save water) picture composition.
	Pg. 208	Picture 2
	Letter	
	Pg. 257: (29)	Letter to Drug controller about spurious drugs.
	Pg. 258: (30)	Cousin missing from home.
	Grammar	
	Pg. 383	Exercise on Adverbs); Pg. 388 (Exercise)
January		**Revision.**
February		**Revision.**

2nd Unit Test Syllabus

Essay	Descriptive Essay.

ENGLISH LITERATURE

Term 1

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:**	Act II Sc 1 & 2 + Text + Work Book
	Prose:	Hearts and Hands + Text + Work Book
	Poetry:	After Blenheim + Text + Work Book

1st Unit Test Syllabus

The Old Man at the Bridge

Term 2

August	**Play:**	Act II Sc 3, 4, 5 + Text + Work Book
	Prose:	A Face in the Dark + Text + Work Book
	Poetry:	Television + Text + Work Book
September	**Play:**	Act I Sc 6, 7 + Text + Work Book
	Prose:	An Angel in Disguise + Text + Work Book
	Poetry:	Daffodils + Text + Work Book
October	**Play:**	Act II Sc 8, 9 + Text + Work Book
	Prose:	The Little Match Girl + Text + Work Book
	Poetry:	__ + Text + Work Book

Term 3

November	**Play:**	Act III Sc 1, 2 + Text + Work Book
	Prose:	My Greatest Olympic Prize + Text + Work Book
	Poetry:	__ + Text + Work Book
December	**Play:**	Act III Sc 3, 4, 5 + Text + Work Book
	Prose:	__ + Text + Work Book
	Poetry:	Abou Ben Adham + Nine Gold Medals + Text + Work Book
January	**Play:**	**Revision**
	Prose:	**Revision**
	Poetry:	**Revision**
February		
	Play:	**Revision**
	Prose:	**Revision**
	Poetry:	**Revision**

2nd Unit Test Syllabus

Act III (full) The Merchant of Venice

HINDI LANGUAGE

Term 1

March	iLrko 1	eu'; dk vuHko ----------
	2	ie l lkekftd ----------
	3	le; dk lni;kx
	4	Q"ku
	dgkuh 1	tlh djuh olh Hkjuh
	2	vkx dvk ihN [kkb
	3	[kknk igkM fudyh pfg;k
	fp= v/;;u	vH;kl 1] 2 ¼i'B 141½
	i= vkipkfjd	fdlh if=dk d fu;fer xkgd ¼i'B 156½
	vukipkfjd	Lor=rk fnol ij vk;kftr Hkk'k.k ifr;kfxrk d lEc/k e fe= dk i= ¼i'B 186½
	vifBrx|k"k	1] 2] 3] ¼i'B 257 l 259½
	foijhrkFkd	vpy l vkdk"k ¼i'B 295½
	fo"k'k.k	vFk l dke ¼i'B 317½
	i;k;okph	vfXu l vkHk'k.k ¼i'B 300½
	okD;k"k	1 l 30 rd ¼i'B 303½
	egkoj	1 l 20 rd ¼i'B 307½

April	Hkkookpd	eu'; l puuk ¼i'B 321½
	iLrko 5	vPNk iMkyh
	6	ejh fi; _r
	7	cpiu dh e/kj Lefr;k
	8	lekpkj i=
	9	fj"rk dh vgfe;r
	10	ikr% dkyhu Hke.k
	11	dku cuxk djkMifr\
	12	vlQyrk gh lQyrk dk vk/kkj
	dgkuh 4	nj d <ky lgkou
	fp=	vH;kl 3] 4 ¼i'B 42½
	i= vkipkfjd	LokLF; vf/kdkjh dk i= ¼i'B 157½
	vukipkfjd	cM Hkkb dk [kkl HkV nu d fy, i= ¼i'B 187½
	rRle	vfLFk l d.k ¼i'B 298½
May	iLrko 13	efgykvk dk jktuhfr e inki.k
	14	ifjokj e ek dk LFkku
	15	ukdfj;k e vkj{k.k
	16	{kek cMu dk pkfg,
	dgkuh 5	ogh eu'; g fd tk eu'; d fy, ej
	i= vkipkfjd	ty vkifr vf/kdkjh dk i= ¼i'B 159½
	vkipkfjd	fon"k ;k=k ij tkr g, fe= dk i= ¼i'B 189½
	vifBr x|k"k	4] 5] 6] 7 ¼i'B 261 l 264½
July	iLrko 17	eknd n0; vkj ;ok ih<h
	18	lkfgR; lekt dk ni.k
	19	Hkkjr dh leL;k,
	ykdkfDr;k	1 l 15 rd ¼i'B 311 l 312½
	fo"k'k.k	dk;k l Hkxky ¼i'B 318½
	milx	vfr l tujy ¼i'B 323 l 324½
	okD; "k} djk	Worksheet
		Revision okD; ifjoru ,o okD; "k}
1st Unit Test Syllabus		i= ¼doy vkipkfjd½] foijhrkFkd] i;k;okph] okD;k"k] egkoj] fo"k'k.k] Hkkookpd
Term 2		
August	iR;;	¼i'B 324 l 325½
	fHkUuvFk	¼i'B 325½
	vudkFkh	vd l jl ¼i'B 326 l 327½
	iLrko 20	lekpkj i=
	21	dEl;Vj
	22	gekjk n"k
	23	foKku% ojnku ;k vfHk"kki
	24	Hkkjr e ukjh dk LFkku
	25	f"k{kk dk mnn";
	26	fo|kFkh thou
	27	vu"kklu
	28	Hkkdi
	29	lgf"k{kk
	30	R;kgkjk dk egRRo
	31	"kgjh thou
	32	iLrdky;
	i= vukipkfjd	4& viuh iorh; in"k dh ;k=k d lEcU/k-----
		5&ohjrk ijLdkj d fy, fe= dk i= ¼i'B 189&199½
September	i;k;okph	vkun&x.k"k ¼i'B 300½
	okD;k"k	31 l 68 ¼i'B 304½
	egkoj	21 l 40 ¼i'B 307 l 308½
	ykdkfDr;k	16 l 30 ¼i'B 311 l 312½
	"k} y[ku	¼i'B 315½
	fo"k'k.k	e/k l Lrfr ¼i'B 319½

	Hkkookpd		mrjuk l drK ¼i'B 322½
	rRle		dkd l ef{kdk ¼i'B 299½
	foijhrkFkd		vkrj l Hkn ¼i'B 296½
	dgkuh	6	etgc ugh fl[kkrk vkil e cj djuk
		7	eu d gkj gkj g eu d thr thr
		8	vc iNrk, gkr dk ---------
		9	fcuk fcpkj tk dj---------
		10	lxfr dk Qy
		11	e[k dk min"k ugh nuk pkfg,
	vifBrx|k"k		7] 8] 9] vH;kl ¼i'B 265 l 266½
October	fp=		5] 6] ¼i'B 143½
	i= vkipkfjd	4	foyEc l fo|ky; igpu d dkj.k i/kkukpk; dk {kek ;kpuk---------
		5	dEl;Vj e [kjkch d fy, eutj dk f"kdk;rh i=
	iLrko	33	iLrd lPph fe= ¼i'B 160½
		34	ifjJe dk egRRo
		35	o{kkjki.k
	vifBrx|k"k		10 ¼i'B 269½
			Revision (Worksheet okD; ifjoru ,o okD; "k}½
Term 3			
November	vifBrx|k"k		11] 12 ¼i'B 268 l 269½
	i= vkipkfjd	6	Nk= ofRr d fy, i/kkukpk; dk vkonu i= ¼i'B 162½
		7	pfj= iek.k i= nu d fy, i/kkukpk; ¼i'B 163½
	vukipkfjd	6	ijh{kk e vlQy gk tku ij Hkkb dk lkRouk ¼i'B 191½
		7	NkV Hkkb dk LoLFk jgu d fy, LokLF; d fu;ek d ckj ------- ¼i'B 192½
	iLrko	36	vktknh dk egRRo ,o dRr0;
		37	foKkiu ;x
		38	ykdr= vkj puko
		39	lkp cjkcj ri ugh
		40	ijfgr lfjl /ke ufg Hkkb
		41	lknk thou mPp fopkj
		42	lRlxfr
	fp=		7] 8 ¼i'B 144½
	dgkuh	12	ykyp cjh cyk g
		14	luk lcdh djk eu dh
		16	ftld ikl cf} g-----
	fo"k'k.k		Lokn l ckgj ¼i'B 320½
	Hkkookpd		i.;kRek l fu.k; ¼i'B 323½
December	i;k;okph		xxk l nxk ¼i'B 300½
	egkoj		31 l 60 ¼i'B 308½
	ykdkfDr;k		31 l 42 ¼i'B 312½
	okD;k"k		69 l 90 ¼i'B 305½
	foijhrkFkh		Hkko l [kkn; ¼i'B 297½
	rRle		;euk l y{k ¼i'B 299½
	i= vkipkfjd	3	i/kkukpk; dk {kek ;kpuk i= ¼i'B 163½
		9	puko l/kkj d lnHk e lekpkj lEiknd dk i= ¼i'B 164½
	vukipkfjd	8	lRlxfr dk egRRo crkr g, fe= dk i= ¼i'B 193½
	iLrkko	43	djr djr vH;kl d ----------
		44	eu d gkj gkj g ----------
		45	;fn e i/kkukpk; gkrk
		46	oreku f"k{kk i.kkyh
		47	Hkkjrh; LorU=rk lukuh
January	fHkUuvFk		¼i'B 326½
	vudkFkh		fof/k l er ¼i'B 328½
	"k} y[ku		¼i'B 316½
			okD; ifjoru ,o okD; "k} djk (Worksheet)

Revision

February **Revision**

2nd Unit Test Syllabus

Hkkookpd] fo"k'k.k] egkoj] okD; ifjoru] milx] iR;;] "kCn "k} y[ku] okD;k"k] foyke] i;k;okph

HINDI LITERATURE

Term 1

March	lkfgR; lkxj	
	¼x½	1- ckr vBUuh dh
	¼x½	2- dkdh
	¼i½	1- lk[kh
April	lkfgR; lkxj	
	¼x½	2- lLdkj vkj Hkkouk
	¼i½	2- fxj/kj dh dMfy;k
	,dkdh lp;	1- lLdkj vkj Hkkouk
May	lkfgR; lkxj	
	¼x½	3- egk;K dk ijLdkj
	¼i½	3- Lox cuk ldr g
	,dkdh lp;	1- lLdkj vkj Hkkouk
July	lkfgR; lkxj	**Revision**
	,dkdh lp;	1- lLdkj vkj Hkkouk

1st Unit Test Syllabus

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

Term 2

August	lkfgR; lkxj	
	¼x½	4- urk th dk p"ek
		5- viuk viuk HkkX;
	¼i½	4- og ejh tUe Hkfe
		5- e?k vk,
September	,dkdh	2- cg dh fonk
October		**Revision**

Term 3

November	lkfgR; lkxj	
	¼x½	6- cM ?kj dh cVh
	¼i½	6- lj d in
	,dkdh	3- ekrHkfe dk eku
December	lkfgR; lkxj	
	¼x½	7- lng
	¼i½	7- fou; d in
	,dkdh	4- l[kh Mkyh
January	,dkdh	l[kh Mkyh
	Revision	¼lkfgR; lkxj] ,dkdh½

2nd Unit Test Syllabus

ekrHkfe 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
		Revision
February		**Revision**

2nd Unit Test Syllabus

	Chapter 10	Emergence of Composite Culture

GEOGRAPHY

Term 1

March	Chapter1	The earth as a planet
	Chapter 2	Earth as the home of humankind
April	Chapter3	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	Volcanoes
	Chapter 9	Earthquakes

1st Unit Test Syllabus

	Chapter 4	Rotation and Revolution

Term 2

August	Chapter 7	Rocks and Minerals
	Chapter 10	Weathering
	Chapter 11	Agents of denudation (rivers and wind)
September	Chapter 12	Movement of Ocean Water (currents and tides)
	Toposheet	**(45D/7 and 45D/10)**
	Map Work	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

Term 3

November	Chapter15	Atmospheric Pressure and Winds
		Revision of Toposheet will cont..
December	Chapter 16	Humidity
	Chapter 17	Pollution and its types
	Chapter 18	Sources of Pollution
	Map Work	Natural Regions of the World
		Equatorial, Tropical Monsoon, Tropical grasslands, Temperate grasslands, Taiga, Tundra
	Plateaus	Canadian shield, Tibetan Pl., Mongolian Pl., Brazilian Highland, Patagonian, Iranian Pl.
January	Chapter 19	Effects of Pollution
	Chapter 20	Preventive measures against pollution
	Chapter 21	Natural Regions of the world
February		**Revision of Toposheet**

2nd Unit Test Syllabus

	Chapter15	Atmospheric Pressure and Winds

PHYSICS

Term 1

March	Chapter1	Measurements and Experimentation
	Experiments:	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	Measurements and Experimentation
	Chapter 2	Motion In One Dimension
	Experiments:	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 $g=4\pi^2 x \frac{1}{slope}$. 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
1st Unit Test Syllabus		
	Chapter 1	Measurements and Experimentation
Term 2		
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
Term 3		
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**
2nd Unit Test Syllabus		
	Chapter 7	Sound

CHEMISTRY

Term 1

March	Chapter 1	The Language of Chemistry
	Chapter 2	Chemical changes and Reactions
April	Chapter 2	Chemical changes and Reactions
	Chapter 3	Water
	Practical Work:	1- To identify the gas produced by various methods
May	Chapter 4 A	Atomic Structure
	Practical Work:	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	Chemical Bonding
	Practical Work:	Action of dilute sulphuric acid on the following substances a- Ametal b- A carbonate c- A sulphide d- A sulphite
		Revision

1st Unit Test Syllabus

	Chapter 1	The Language of Chemistry

Term 2

August	Chapter 5	Periodic Table
	Practical Work:	To identify the metallic radical present in the given substance by applying flame test.
September	Chapter 5	Periodic Table
	Chapter 6	Study of the first element (Hydrogen)
	Practical Work:	Simple experiments basted on hard water and soft water
October	Chapter 6	Study of the first element: Hydrogen
		Revision

Term 3

November	Chapter 7	Study of Gas Laws
	Practical Work:	Practical related to practical chemistry.
December	Chapter 8	Atmospheric Pollution
January	Chapter 8	Atmospheric Pollution
February		**Revision**

2nd Unit Test Syllabus

	Chapter 7	Study of Gas Laws.

BIOLOGY

Term 1

March	Chapter1	Cell Structure
	Experiment-	1- The examination of an onion peel under the microscope
April	Chapter 2	Plant and Animal Tissues
	Chapter 3	Vegetative Propagation, Hybridization and Micropropagation
	Experiment-	2- A cross pollinated flower to be examination and identified and the parts to be studied and labelled eg- Hi-biscus

May	Chapter 4	Biotechnology
	Experiment-	3- To identify the specimens of germinating seeds with plumule and radicle eg- Bean seed and maize grain
July	Chapter5	Flower
	Chapter 6	Pollination
	Experiment-	4- Identification of Sugar, Starch, Protein and Fats

1st Unit Test Syllabus

	Chapter 1	Cell Structure

Term 2

August	Chapter 7	Fertilization in Plants
	Chapter 8	Structure of Seeds
	Chapter 9	Respiration in Plants
	Experiment-	5- Examination and identification of specimens belonging to the following groups- Porifera, Coelenterata, Platyhelminthes Annelida, Arthropoda and Mollusca
September	Chapter 10	Five kingdom classification
	Chapter 11	Economic importance of Bacteria
	Chapter 12	Economic importance of Fungi
	Experiment-	6- Identification of Animal Species belonging to Chordata- Pisces, Amphibia, Reptilia, Aves, Mammals
October	Chapter 13	Nutrition
	Chapter 14	Tooth
	Experiment-	7- Identification of the structure of the following organs through models and charts. Lung and Skin

Term 3

November	Chapter 15	Digestive System in Human
	Chapter 16	Movement and Locomotion
December	Chapter 17	Skin
	Chapter 18	Respiratory System
	Chapter 19	Health
	Chapter 20	Diseases
	Experiment-	8- Experiment to show the mechanism of breathing through Belljar method
January	Chapter 21	Aids to health
	Chapter 22	Waste generation and Management
		Revision
February		**Revision**

2nd Unit Test Syllabus

	Chapter 15	Digestive System in Human

MATHEMATICS

Term 1

March	Chapter 2	Compound Interest
April	Chapter 3	Expansions
	Chapter 4	Factorisation
	Chapter 5	Simultaneous Linear Equations in two variables
May	Chapter 5	Simultaneous Linear Equations in two Variables
	Chapter 20	Coordinates and Graphs of Simultaneous Linear Equations
	Chapter 14	Statistics, Introduction, Data and Frequency Distribution
	Chapter 15	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

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

December	Chapter 22	Trade : Channels of Distribution
	Chapter 23	E-Commerce and E-Trade
January	Chapter 24	Social Responsibility of Commercial Organisations
February		**Revision**

2nd Unit Test Syllabus:

Chapter 21 Banking

COMPUTER APPLICATION

Term 1

March	Chapter1	Operating System
	Chapter 2	Graphics User Interface
April	Chapter 2	Graphics User Interface
	Chapter 3	Internet and Its services
May	Chapter 4	Computing and Ethics
	Chapter 9	MS Power Point
July	Chapter 9	MS Power Point

1st Unit Test Syllabus

Chapter 2 Graphics User Interface

Term 2

August	Chapter 5	Word Processing Using Microsoft Word-I
	Chapter 6	Word Processing Using Microsoft Word-II
	Chapter 7	Advanced Features of Microsoft Word
September	Chapter 8	Introduction to MS Excel
	Chapter 10	Introduction to MS Access
October	Chapter 11	Microsoft Access Queries, Forms and Reports

Term 3

November	Chapter 12	Concepts of Objects
	Chapter 13	The Java Phenomenon
December	Chapter 15	Java Fundamentals
	Chapter 16	Programming in Java
	Chapter 17	Conditional Structure
January	Chapter 18	Repetitive Structure
	Chapter 19	The Math Class
February		**Revision**

2nd Unit Test Syllabus

Chapter 12 Concept of Objects

HOME SCIENCE

Term 1

March	Chapter1	Concept and scope of Home Science
April	Chapter 2	Food and Health
	Chapter 3	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	Women and Child Welfare
	Chapter 7	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	Waste management in the home and community
	Chapter 12	Need to refuse, reduce, reuse, repair and recycle (5 R-s) waste
January	Chapter 13	Types of fabrics available in the market
	Chapter 14	Factors influencing choice of clothing
February		**Revision**

2nd Unit Test Syllabus

	Chapter 10	Maintenance of house and its environment

PHYSICAL EDUCATION

Term 1

March	Chapter1	Basic Organization
	Practical	Athletics and Yoga
April	Chapter 2	Movement and Support
	Practical	Cricket, Football and Gymnastics
May	Chapter 3	Respiration
	Practical	Table Tennis, Lawn Tennis
July	Chapter 2	Movement and support
	Practical	Cricket and Football

1st Unit Test Syllabus

	Chapter 1	Basic Organization
	Practical	Athletics and Yoga

Term 2

August	Chapter 4	Circulation
	Practical	Badminton, Swimming and Judo
September	Chapter 5	Nutrition
	Practical	Tae kwon Do, Hockey and Kho-Kho
October	Chapter 6	Excretion
	Practical	Skating and Volleyball

Term 3

November	Chapter 7	Sensitivity and Co-ordination
	Practical	Cricket and Football
	Chapter 4	Circulation
December		**Revision**
	Chapter 1	Basic Organization
	Practical	Basketball and Kabaddi and Handball
	Chapter 2	Movement and Support
January	Chapter3	Respiration
	Chapter 6	Excretion
	Practical	Football
February	Chapter5	Nutrition
	Chapter 7	Sensitivity and co-ordination
	Practical	Football

2nd Unit Test Syllabus

	Chapter 4	Circulation
	Practical	Cricket and Football