Jungle Dhusar, Gorakhpur **Session 2018-19** 

Syllabus of Class - VII, Subject - Physics

Month	W. Days	Chapter/Topics	Activity
		Heat and its effects-	To demonstrate thermal
		Heat (Concept of heat and temperature), Effects of heat,	expansion in solids.
		Heat causes expansion, Hot and cold, Temperature,	To show conduction or
April + May	23 + 17 + 12	Thermometer, Different scales of temperature, Transfer	convection.
+ June	23 + 17 + 12	of Heat, conduction, convection and Radiation.	
		Conductors and Insulators Applications of	
		Transfer of heat. Types of clothes we wear in summer	To show clinical and
		and winter	laboratory thermometer.
		Periodic Test - 1	
		Motion and time:	
		What is motion? The states of restand motion are	To show oscillation of a
July + Aug	26 + 26	relative, types of motion, slow and fast Motion & Time,	simple pendulum.
July + Aug	20 + 20	Measurement of time, Simple Pendulum, Speed,	
		Measuring speed, The use of graph paper, Distance –	To check measurement of
		Time graphs.	length.
		Half Yearly	
		Electric Current and Circuits	
Sept + OCT	23+24	Electric curcit, symbols for elements of circuit, Heating	Making a simple
Sept + OCT	23+24	effect of current, Principle of fuse, magnetic effect of	eletromagnet
		current, Working of electric bell.	Working of electric bell.
		Periodic Test - 2	
		Winds, Storms and Cyclones-	
		Air is all around, air exerts pressure, Atmosphere,	
		Atmospheric pressure, high speed winds are	
		accompanied by reduced air pressure, movement of air,	
Nov + Dec	20+25	Air expands on heating, wind currents are generated due	To show that high speed
		to uneven heating on the earth, Thunderstorm and	winds are accompanied by
		cyclones. Destruction caused by cyclones, Effective safety	reduced air pressure
		measures against cyclones, Advanced Technology has	
		helped.	
		Light	
lan	24	Rectilinear propagation of light, Reflection, certain	Making nowton's salaus disa
Jan	24	surfaces reflect light, Real and virtual images, Newton's	Making newton's colour dise
		colour dise	and rotating it.
		Annual Exam	

Jungle Dhusar, Gorakhpur **Session 2018-19** 

Syllabus of Class - VII, Subject - Chemistry

Month	W. Days	Chapter	Activity
April+May	23+17	Fibre To Fabric	
		Wool a natural fibre	
		Extraction of Wool	College of the college of
		Wool producing animals	Collection of different samples of woollen and silk cloth
		Process of Wool production	
		Health hazard in Wool production.	
		Silk, extraction of silk, silk worm rearing	
		Periodic Test - 1	
June+July	12+26	Acid, Base and Salt	
		Acid, base, indicators - Litmus, turmeric, china rose; neutralisation, indigestion, ant bite, soil treatment, factory wastes	Testing solutions of common substances with turmeric, litmus, china rose.
		Half Yearly Exam	
		Physical and Chemical change	
August + Sept+Oct	26+23+24	Physical change, chemical change, chemical reaction, rusting of iron, galvanisation, crystallisation,	Demonstrate neutralisation, Rusting of iron, Burning of Mg ribben, displacement of cu from CuSO <sub>4</sub> solution
		Periodic Test - 2	
Nov+Dec	20+25	Water	
		Shortage of water, forms of water, ground water, water table, infiltration, aquifer, deplation of water table, distribution of water, water management, water harvesting, drip irrigation	Case study of people living in conditions of extreme scarcity of water, how they use water in a judicious way
Jan	24	Waste Water Management	
		Sewage, need for drainage/Sewer systems that are closed	Tracing the route of sewage in your building and trying to understand whether there are any problems in sewage disposal
		Annual Exam	

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Syllabus of Class - VII, Subject - Maths

Month	W. Days	Chapter Name	Period	Activity
April	23	1. Integers	10	
		2. Fractions & Decimals	16	To represent the products of the following decimal numbers on a grid paper (i) 0.3 x 0.7 (ii) 0.5 x 0.5
April+May	23+17	3. Data Handling	12	To compare the marks obtained in all the subjects by a student in the first and second term examinations by bar graph.
May+June	17+12	4. Simple Equation	10	
		Revision		
	1	Perio	dic Test - 1	
July	26	5. Rational Number	17	
July+Aug	26+26	6. Exponents & Powers	13	
Aug+Sept	26+23	7. Algebric Expressions	14	
		8. Visualising Solid Shapes	6	To draw a cube with an edge of 5 cm on an isometrix dot paper.
		Revision		
	1	Half Y	early Exam	
Sept+Oct	23+24	9. Comparing Quantities	18	
Oct+Nov	24+20	10. Symmetry	9	
Nov+Dec	20+25	11. Lines & Angles	11	To verify that if two straight lines intersect at a point, then each pair of vertically opposite angles are equal.
				To verify that if two parallel lines are cut by a transversal, then (i) each pair of corresponding angles are equal (ii) each pair of alternate angles are equal (iii) each pair of interior angles on the same side of the transversal are supplemtary
		12. Triangles & its properties	15	To verify that the sum of all interior angles of a triangle in 180 <sup>0</sup> .
		Revision		To verify that an exterior angle of a triangle is equal to the sum of the two interior opposite angles.
		Perio	dic Test - 2	
Dec+Jan	25+24	13. Congruence of Triangle	14	
		14. Practical Geometry	10	To verify that a triangle can be drawn only if the sum of the lengths of any two sides is greater than the third side.
Jan+Feb	24+24	15. Perimeter and Area	17	
		Revision		
		Ann	ual Exam	

Jungle Dhusar, Gorakhpur Session 2018-19

### Syllabus of Class - VII, Subject - Biology

Month	W. Days	Topics/Chapter	Activity
April	23	Nutrition In Plants :	To observe the stomata in the leaf peel
		Mode of nutrition in plants	·
		Photosynthesis	
		Other modes of nutrition in plants	
		Saprotrophic nutrition, parasitic nutrition and	
		symbiotic nutrition.	
		Special mode of nutrition.	
		How nutrients are replenished in the soil.	
		Inclusive Teaching - Gardener	
		Input regarding soil replenishment in garden by	
		manure & fertilizer.	
		Nutrition in Animals	
		Nutrition, digestion, food,	Make a list of some animals and there food.
May +	17+12	digestion in human, digestive in part	Look into mirror and count your teeth
June	17:12	of body, steps of digestion	Make a list which show different types of teeth there
		Function of different part of digestive system	number and work.
		digestion in grass eating animals	Draw a chart of human digestive system
		Periodic Test	:-1
July	26	Weather, Climate & Adaptations of	
•		Animals to Climate (contd.):	Collect the sample of whether report of the last week
		Climate – Factors determining climate.	from any news paper.
		Climate & Adaptation – i) The polar region	,
		ii) The Tropical rainforest.	Malas a data vida list of manifestory to manage the Malas
		iii) Desert	Make a date wise list of maximum temperature. Make
		Migration	a map which show the temperature of different status
		Inclusive Teaching – Geography	at a same day.
		To discuss weather & climate of different places.	
		Value inculcated: Awareness about different life	
		forms.	
A		Chapter : Soil :	
Aug + Sept	26+23	Formation and composition of soil.	
Sept		Soil profile	To demonstrate that Soil absorbs water collect and
		Types of soil	observe different types of Soil (texture, colour etc).
		Properties of soil	To remove moisture from soil
		Moisture in Soil	Notes : Difference between clayey, sandy & loamy
		Absorption of water by Soil	soil.
		Soil & crops.	Value inculcated: Sense of conservation of natural
		Soil erosion.	resources.
			To mark the polar region & tropical region in world

			map, with blue and green colour respectively.
			To demonstrate soil profile with an activity.
		Half Yearl	l <b>y</b>
		Respiration in organisms	
Oct. +	24+20	Transportation in animals in plants	Count your rate of breathing.
Nov.	24+20		
		Types of respiration	Take a deep breath and measure the size of chest.
		Breathing	Draw a chart of human respiratory system.
		Breathing under water	
		Blood, Blood vessels, Hurt, Hurt beat	
		Excretions in animals	
		Transport of substance in plants	
		Reproduction in plants :	
		Modes of reproduction in plants – Asexual	To observe the scars of potatoes.
		reproduction- budding, fragmentation, spore	
		formation. Vegetative propagation – natural	To separate reproductive parts of a flower.
		andartificial methods of vegetative propagation	
		Tissue culture.	
		Sexual reproduction – flower, pollination,	
		fertilization.	
		Fruits and seed formation.	
		Notes: Fertilisation & formation of zygote.	
		Contd Reproduction in plants	
		Seed dispersal	
		Germination of seeds.	
		Periodic Test	t - 2
ес	25	Transportations in Annimals and Plants	
		Blood	Draw a chart of Human Heart
		Blood vessel	Draw a chart of Human Excretory system
		Veins	
		Heart	
		Artery	
		Heartbeat	
		Human excretory system	
		Transport in plants	
		Xylem	
	0.4	Phloem	
an	24	Forest our life line	Make a list of the various things which you obtain
	-	What is forest?	from the forest.
		Habitat, forest product, plants soil	
		and decomposer in forest, balance of	Collect the some vegetables waste and cover them
		oxygen and carbon di oxide, so erosion	with soil and added some water and try to make
		.,	Lacronada
eb	24	humans deforestation.  Revision	compost

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Syllabus of Class - VII, Subject - S.Sc

Days		Subject	Activity
23	The delhi sultans	History	Make a timeline chart of Delhi sultan's and write about them.
	Role of government in health	Civics	Write a short note about the role of government in health.
	On equality		
17	Environment	Geo	Draw the pictures of an ideal environment.
12	Revision		
	Periodic Te	est - 1	
26	The Mughal Empires	History	Paste the pictures of Mughal emperor and write about them.
	Understanding Media	Civics	Write a short note on working of state government.
	How the state government work?		
	Inside our earth	Geo	Draw a picture of volcano on a chart and write how does eruption takes place
26	Rulers and Buildings		
23	Revision		
	Half Yearly	Exam	
24	Devotinal path to the devine	History	Write about the bhakti saint of north india.
	Understanding Secularism	Civics	What do you mean by secularism? Make a file on the imporatnce of secularism.
20	Eighteenth century political fomrmation		
	Natural vegetation and wildlife	Geo	Make a pictorial allrum on different types of vegetation and wild animals.
	Periodic Te	est - 2	
25	From trade to territory		
	Human environment interections. The	Geo	Write a short note on Ganga-Brahmapoutra and Amazon basin.
24	Resources and Human resources		
	Parliamantry Government and Executive	Civics	Make a chart on parliament of india.
24	Rulling the country side	History	Write about the governance of British empire.
	26 23 24 20 25	Role of government in health On equality 17 Environment  12 Revision  Periodic Te 26 The Mughal Empires  Understanding Media  How the state government work? Inside our earth  26 Rulers and Buildings Our changing earth 27 Revision  Half Yearly  28 Devotinal path to the devine  Understanding Secularism  29 Eighteenth century political fomrmation Natural vegetation and wildlife  Periodic Te 25 From trade to territory Human environment interections. The tropical and subtropical region 26 Resources and Human resources Parliamantry Government and Executive	Role of government in health  On equality  17 Environment  Geo  12 Revision  Periodic Test - 1  26 The Mughal Empires  Understanding Media  Civics  How the state government work?  Inside our earth  Geo  26 Rulers and Buildings  Our changing earth  23 Revision  Half Yearly Exam  24 Devotinal path to the devine  History  Civics  Understanding Secularism  20 Eighteenth century political fomrmation  Natural vegetation and wildlife  Geo  Periodic Test - 2  25 From trade to territory  Human environment interections. The tropical and subtropical region  24 Resources and Human resources  Parliamantry Government and Executive  Civics

#### Jungle Dhusar, Gorakhpur Session 2018-19

### Syllabus of Class - VII, Subject - Computer

Month	W.Days	Chapter Name	Period	
April	23	Log on to Ms Access	6	
May + June	17+12	Inserting chart and pictures in Ms Excel	8	
		Periodic Test - 1		
July	26	Excel as Database	8	
		Number System	8	
August	26	Graphics in QB 64	6	
Half Yearly Exam				
Sept.	23	Conditional and Looping statement	7	
Oct	24	Layer in Flash CS6	8	
Periodic Test - 2				
Nov.	20	Understanding HTML	8	
Dec.	25	Computer Virus	8	
Jan.	24	Revision		
Annual Exam				

#### Jungle Dhusar, Gorakhpur Session 2018-19

Syllabus of Class - VII, Subject - Reasoning

Month	W. Days	Chapters Name		
April	23	Making one word from two.		
		Word formation		
May	17	Insert letter		
		Using letters for number		
June	12	Puzzle Test		
		Periodic Test - 1		
July	26	Letter & number sequences		
		Folded In		
Aug	26	Which one is different		
Sept	23	Matching pairs		
		Revision		
		Half Yearly Exam		
Oct	24	What comes next		
Nov	20	Mathematical reasoning		
		Break the codes		
Dec	25	Direction sense		
Jan	24	Odd one out		
		Analogy		
Periodic Test - 2				
Feb	24	Series		
		Mirror Image		
		Annual Exam		

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Syllabus of Class -VII, Subject - Hindi

Month	W. Days	olar	O;kdj.k	egkHkkjr	ifj;kstuk dk;Z
April	23	1- ge i{kh mUeqDr xxu ds	1- Hkk"kk] fyfi] cksyh vkSj O;kdj.k	nsoozr] egkHkkjr dFkk	1- iaf{k;ksa ds lk;kZoj.kh; egRo ij ,d ys[k z- igeky, is iddyds okyri
		2- nknh eki	2- o.kZ fopkj		ufn;ksa dh lwph cukdj
		3- fgeky;			ufn;ksa dri wpri cukuj ufn;ksa ds egRo ij
May	17	4- dBiqryh			izdkik Wktv V
		5- feBkbZ okyk			L=h Lora=rk ij ,d ys[kA
June	12		3- laf/k] i= ys[ku	Hkh"e izfrKk] vack vkSj Hkh"e	
			Periodic Te	est - 1	
July	26	6- jDr vkSj gekjk 'kjhj	·	fonqj] dqarh] Hkhe] d.kZ]	1- 'kjhj jpuk dk fp= cukdj jDr lapkj dh izfØ;k fyf[k,A
		7- ikik [kks x,	5- 'kCN Hksn % vFkZ ds vk/kkj ij	nzks.kkpk;Z	
		8- 'kke & ,d fdlku	us vivikkjij	μιζασ.καρα,ζ	
Aug	26	9- fpfM+;k; ds cPps	6- 'kCn fuekZ.k & milxZ	yk[k dk ?kj] iaMoksa dh j{kk]	1- euq";] lk'kq] i{kh bu rhuksa esa ek,¡ vius
		1- viwoZ vuqHko	7- 'kCn fuekZ.k & izR;; 8- 'kCn lekl	nzksinh Lo;aj] banzizLFk] tjkla/k	cPps dk iwjk /;ku j[krh gSA iz—fr dh bl nsu ij ,d ys[k fyf[k,A
			9- laKk		
Sept	23	iqujko`fÙk	10- fyax] eqgkojs	iqujko`fÙk	
<u> Σ</u> ερι	23	iqujko tok	22- vifBr xn~;ka'k	Iqujko Tok	
			23- i= ys[ku		
			29- lwpuk ys[ku		
			Half Yearly	Fyam	
Oct	24	11- jghe ds nksgs	11- laKk fodkj & opu		1- eqgkojksa vkSj
OCI	24	12- dapk	12- lKk fodkj & dkjd		
		13- ,d frudk	13- loZuke		yksdksfDr;ksa dh lwph
		13- ,u iiuuk	14- fo'ks"k.k	'kdqfu dk izos'k] pkSlj dk	vU; nksgksa dk ladyu
Nov	20	14- [kku iku dh cnyrh rLohj	15- dky	[ksy o nzksinh dh O;Fkk] /k`rjk"V <sup>a</sup> dh fpark] Hkhe vkSj guqeku izfrKk & iwfrZ	1- vius ?kj ds esgeku ds fy, ikjaifjd [kkus dh ,c O;atu lwph cukb;sA
		15- uhydaB	16- vfodkjh 'kCn		2- if{k;;ksa ,oa tkuojksa
		16- Hkksj vkSj cj[kk	17- okD; fopkj		dh lqj{kk ds fo"k; ij
Dec	25	17- ohj dq¡oj flag	19- okD;	fojkV dk Hkze	
		18- la?k"kZ ds dkj.k	21- fojke fpg~u		o"kZ ds gksrs rks D;k
		rqud fetkt gks x;k	23- vifBr in~;ka'k		2- gk¡dh ds dqN Hkkjrh f[kykfM+;ksa dh lwph cukdj fp= yxkb,A
			Periodic Te	est - 2	Same Average
Jan	24	19- vuqekfur O;;	24- laoank ys[ku	;qf/kf"Bj dh osnuk	
Jan	24	20- folyo xkk;u	25- Mk;jh ys[ku	, quitt bj an bonat	lw;Zdkar f=ikBh dh ,slh
		20 TOTYO ARRIVA	26- dgkuh ys[ku		dforkvksa dh pkj&pkj
	24	olar % iqujko`fÙk	28- fuac/k ys[ku	iqujko`fÙk	ifDr;k; fyf[k, tks Lora=rk
Feh		ISIAI /U IAAINU IUN	140 1440/IN YOJINU	pagino ron	Ide Hkko okyh akeA
Feb	24		30- lkj ys[ku		ds Hkko okyh gksA

#### Jungle Dhusar, Gorakhpur Session 2018-19

Syllabus of Class - VII, Subject - English

Month	W. Days	Literature	Language		
April	23	Honeycomb - Lesson : 1 & 2	Lesson : 1 & 2		
		Supplementary - Lesson : 1	Leave Application (Formal)		
May	17	Honeycomb - Lesson : 3	Lesson: 3, 4		
		Supplementary - Lesson : 2	Comp. Story Writing		
June	12	Supplementary - Lesson : 3	Comprehension		
		Periodic Test	- 1		
July	26	Honeycomb - Lesson : 4 & 5	Lesson: 5, 6, 7 Comp. Report writing		
		Supplementary - Lesson : 4	Comp. Message Writing		
Aug	26	Honeycomb - Lesson : 6	Lesson : 8, 9, 10		
		Supplementary - Lesson : 5	Comp. Notice Writing		
Sept	23	Honeycomb - Lesson : 7	Lesson: 11, 12, 13, 14		
		Supplementary - Lesson : 6	Letter Writing (Informal)		
		Half Yearly Ex	am		
Oct	24	Honeycomb - Lesson : 8	Lesson : 15, 16, 17		
		Supplementary - Lesson : 7	Diary Writing		
Nov	20	Honeycomb - Lesson : 9	Lesson : 18, 19		
		Supplementary - Lesson : 7	Comprehension		
Dec	25	Honeycomb - Lesson : 10	Lesson : 20, 21, 22		
		Supplementary - Lesson : 10	Essay Writing		
Periodic Test - 2					
Jan+Feb	24+24	Revision	Revision		
		Annual Exan	n		