Month-wise HISTORY & CIVICS Syllabus break-up for Class VIII

UNIT – I	TOPICS
	❖ Decline of the Mughal Empire
	❖ Rise of Independent Regional Powers
	❖ Environmental Concerns
	❖ Rise of British Power In Bengal
	❖ Impact of the British Rule in India
	Overpopulation & Poverty
HALF-	
YEARLY	
	❖ Indian Renaissance – Social & Religious Reformers
	❖ Indian Renaissance

Syllabus For Class -8 (2017-2018)

Pre-Mid

গদা:- মহামারীর দিনে, একটি গাছের আতাকথা।

পদ্য:- সিদ্ধার্থের করুণা, মাঙ্গলিক।

সহায়ক:- ছেলেবেলা -আংশিক

ব্যাকরণ:- ব্যঞ্জনসন্ধি (সূত্র ১ থেকে ১০), সমাস (দ্বন্দ্ব,কর্মধারয়), পদান্তর, এক কথায় প্রকাশ, বিপরীতার্থক শব্দ,সমার্থক, প্রায় সম্মোচ্চারিত,বাগধারা।

लिथन:- जनुष्छ्प, त्वाथभतीका।

Mid Term

ज्ञान ज्जा

भण:- त्रीणश्रा त्राम।

अश्यकः - ছেলেবেলা -আংশিক

ব্যাকরণ:- ব্যঞ্জনসন্ধি (সূত্র ১১ থেকে ২০),পদ পরিচয়, সমাস (বহুব্রীহি), পদান্তর, এক কথায় প্রকাশ, বিপরীতার্থক শব্দ,সমার্থক, প্রায় সম্মোচ্চারিত,বাগধারা।

ব্যক্তিগত পত্র, বোধপরীক্ষণ, কথোপোকথন।

Syllabus For Class-8

Subject -Bengali(3rd language)

Session-2017-2018

Pre-mid

গদ্য-বনভোজন।

<u>পদ্য-</u>সার্থক জনম, দূরের পাল্লা।

ব্যাকরণ-পদপরিচয়-বিশেষ্য,বিশেষণ,সর্বনাম ; পদ পরিবর্তন; বিপরীত শব্দ ; সমার্থক শব্দ; সমোদ্যারিত ভিন্নার্থক শব্দ; বোধপরীক্ষণ।

Mid-Term

গ্রদ্য-ফেলুদার লখনৌ যাত্রা।
প্রদ্য-বর্ষারানী ।
ব্যাকরণ- ক্রিয়া ও অব্যয়; সমোচ্চারিত
ভিন্নার্থক শব্দ; পদান্তর; সমার্থক শব্দ;
বোধপরীক্ষণ ; অনুচ্ছেদ।

Annual Term:- Full Syllabus

Post-mid

<u>গদ্য–</u>সরস্বতীর কান্ড।

ব্যাকরণ-শুদ্ধ ও অশুদ্ধ বানান; এককথায় প্রকাশ; সমোচ্চারিত ভিন্নার্থক শব্দ; পদ, বাক্য-উদ্দেশ্য ও বিধেয়; বোধপরীক্ষণ ।

Annual

<u>গদ্য-</u>শিশির, কু্য়াশা, মেঘ ও বৃষ্টি।

<u>পদ্য–</u>মজার মুল্লুক

ব্যাকরণ- বাক্য ছেদ বা বিরাম চিহ্নের ব্যবহার; বোধপরীক্ষণ ; অনুচ্ছেদ।

CLASS – VIII BIOLOGY

Name of the	Time slot	No. of classes	Topics	Subtopics	Exercise
exam		(approx.)	1 0 0 100		proposed
	4 th Apr- 30 th Apr	12	Crop Production	Agricultural	' '
Pre-mid term	4 /tpi 30 /tpi	12	And Management	Practices, Basic Practices of Crop Production, Preparation of	Question answers class test
				Soil, Agricultural	
				Implements, Manure and	
				Fertilizers,	
				Irrigation,	
				Protection from Weeds,	
				Harvesting and Storage.	
	1 st May- 9 th May	4	Microorganisms	Types of Microorganisms,	Question answers
	12 th Jun-30 th Jun	8	Microorganisms	Microorganisms	Question answers
				and Us , Friendly	class test
				Microorganisms, Commercial use	
				of	
				Microorganisms,	
				Harmful Microorganisms,	
				Food	
				Preservation and	
	st st			Nitrogen Cycle.	
Mid term	21 st Jul- 31 st Jul	6	Conservation of Plants and	Deforestation and its causes,	Question answers class test
			Animals.	Consequences,	ciass test
				Conservation of	
				Forest and	
				Wildlife. Biosphere	
				Reserve , Flora	
				and Fauna ,	
				Endemic Species.	
				Sanctuary and National Parks,.	
	1 st Aug -26 th Aug	12	Conservation of	Red Data Book,	Question answers
	0 - 1 - 1 - 1		Plants and	Migration,	class test
			Animals (Contd.)	Recycling of	
				Paper and Reforestation.	
	9 th Oct –13 th Oct	3	Cell – Structure	Discovery of the	Question answers
			and Function	cell , Cell number	
Post-mid term				shape and size ,	
	aard Calladst Call		Call Civin	Parts of a cell	Our etter e
	23 rd Oct-31 st Oct	3	Cell – Structure	Nucleus, Gene,	Question answers

			and Function	Comparison of Plant and Animal Cell	
	1 st Nov 30 th Nov	12	Reproduction in Animal.	Modes of Reproduction , Sexual Reproduction , Male Reproductive Organs , Female Reproductive Organs ,Fertilization , IVF , Development of Embryo. Viviparous and Oviparous Animals, Metamorphosis , Asexual reproduction , Budding in Hydra and Binary Fission in Amoeba , Cloning.	Question answers class test
	1 st Dec- 20 th Dec	9	Reaching the age of Adolescence.	Adolescence and Puberty , Changes in Puberty , Secondary Sexual Characters , Role of Hormones , Reproductive Phase in Human life	Question answers Class test
Annual	17 th Jan- 31 st Jan	6	Reaching the age of Adolescence.	How is the sex of a Baby determined, Other Hormones, Personal Hygiene, Say No to Drugs.	Question answers
	1 st Feb –24 th Feb	9	Revision of the entire syllabus.		

Chemistry 2017-2018 Class VIII

Name of examin ation	Time slot	No of classes	Topic Topic	Subtopic	Remarks
Pre midterm 2017	april 4 th to 30 th april	8 classes	Atoms and molecule	Introduction, Daltons atomic theory, Modern atomic theory, Atom, Molecule, Basic structure of atom, Atomic no and mass no, Electronic configuration, isotope, Stable and unstable configuration. How do atoms combine n form compound	Question answers From text book and reference
	May 1 st to 13 th may	5 classes	Terminology and reaction	Valency, variable valency, Radical, Positive and negative radical, Molecular formulae, Practice molecular formulae.	*class test
	June 12 th to 30 th june	8 classes	Metal and nonmetal (NCERT)	Physical properties of metal and non metals, Chemical properties of metal and non metal, various reaction from reference book. Uses of metal and nonmetal.	Question answers From text book and reference Activity
	July 1 st – 7 th july	3 classes	revision		* class test
Mid term 2017	july 21 st – 31 st july	3 classes	Combustion and flame	definition of combustion, ignition temperature, flammable and inflammable substance, various type of combustion	Question answers From text book and reference

Chemistry 2017-2018 Class VIII

Aug 1 st – 26 th aug	9 classes	Combustion and flame	structure of flame, fuel efficiency, burning of fuel, global warming and acid rain.	* class test Question answers From text book
		Coal and petroleum	About coal and petroleum	and reference ACTIVITY
Aug 28 th -1 st sept	3 classes	Revision		* class test

Name of examination	Time slot	No of classes	Topic	Subtopic	Remarks
Post midterm	9 th oct- 13 th oct	3 classes	Chemical effects of current	Introduction, liquid conduct electricity, formation of ion. Electrolyte, electrolytic cell, electrode, electrolysis	Question answers From text book and reference
	23 rd oct-31 st oct	3 classes	Chemical effects of current	Electrolyte, electrolytic cell, electrode, electrolysis, electrolysis of acidified water and copper sulphate solution. (ref)	* classtest
	1 st nov- 30 th nov	11 classes	Chemical effects of current Hydrocarbon	Electroplating, electroplating of nickel, copper, uses of electroplating. Introduction of hydrocarbon. Type of hydrocarbon,	Question answers From text book and reference Activity

Chemistry 2017-2018 Class VIII

				Hydrocarbon formulae	
	1 st dec – 20 th dec	9 classes	Hydrocarbon	molecular and structural formulae of group of alkane, alkene and alkyne	* class test Question answers From text book and reference
Annual 2018	17 th Jan- 31 st jan	4 classes	Fibre and plastics	Properties and uses of fibre. Properties and bad effects of plastics.	* class test
	1 st feb- 24 th feb	9 classes	Separation methods	Various method of separation of mixture.	
	26 th feb- 3 rd feb	Revision			

SYLLABUS PLANNER 2017-2018.[Computer SC. Class-8]

<u>UNIT-I</u> [Pre-Mid Term]

Date	Chapters	Text Book
04 th April 2017 to 30 th April 2017	 A. Network and Data Communication. 1. Advantages of Computer network. 2. Disadvantages of computer network. 3. Basic Components of Network. 4. Types of Network. 5. Network Architecture. 6. TOPOLOGY. 	Browse the world
01 st May 2017 to 12 th May 2017	B. Programming Concepts (Including OOPS concept) 1. Types of Programming language. 2. Translator. 3. Programming Paradigm.	
06 th June 2017 To 30 th June 2017	 C. JAVA Statements (Blue J). OUTPUT Statement Syntax of some data types. IF, IF ELSE Statement Conditional operator. 	
01 st July 2017 To 07 th July 2017	C. Looping in JAVA (Blue J) 1. LOOPS in JAVA.	
21 st July 2017 to 31 st July 2017	 SWITCH CASE STATEMENT WHILE LOOP Do WHILE LOOP FOR LOOP Break Statement. 	
01 st August 2017 to 26 th August 2017	D. HTML forms. 1. Define Forms. 2. TEXT Box, 3. Input Button	
28 th August 2017 to	Web Page design using HTML	

1st September 2017	2. Revision3. Revision Practical4. Revision and Completion of Syllabus
Half yearly Exams	

SYLLABUS OF CLASS VIII SUBJECT: ENGLISH 2017-2018

PRE-MID TERM

Date: 4 th April30 th April 2017	No. of Classes: 17	
Topics 1. The Emergence of a Zoo. 2. The Humming Bird that lived 3. Ozymandias (poem) 4. Comprehension Passage 5. Grammar- a. Nouns		Periods 4 3 2 1 2 1 1 1
<u>Date: 1st May12th May 2017</u>	No. of Classes: 8	
 N.C.E.R.T –The best Christmas present i Conversation skill Comprehension Passage The Merchant of Venice 	n the world.	3 1 1 3
Date: 6 th June30 th June 2017	No. of Classes: 19	
 Feathered Friend Confessions of a Humourist Leisure (poem) Creative Writing – a. Informal Letter	mparision of adjectives etc	3 2 1 1 1 2 2 1 2

5

1. Completion of the syllabus and Revision.

MID-TERM

Date: 21st July 2017 --- 31st July2017 No. of Classes: 7 **Topics Periods** 1. Street Cries (poem) 2 2. The Merchant of Venice 3 3. Conversation skill 1 4. Periodic Test -10 marks 1 Date: 1st August 2017 ---- 26th August 2017 No. of Classes: 18 1. The Merchant of Venice 2 2. Heaven Lake 4 3 3. Lochinvar (poem) 2 4. Grammar—a. Subject Verb Concord 2 b. Modal Verbs 5. Creative writing ---a. Message 1 b. Description 1 6. Periodic Test -10 marks 1 2 7. Subject Enrichment (A S L) Date: 28th August 2017 ----1st September 2017 No. of Classes:5 1. Completion of the syllabus and Revision. 5

PROPOSED SYLLABUS FOR CLASS 8

ACADEMIC YEAR 2017-18

SUBJECT: GEOGRAPHY

NAME OF THE EXAM	TIME SLOTS	NO. OF CLASSES (APPROX)	NAME OF THE CHAPTERS	SUB TOPICS TO BE TAUGHT	EXERCISE PROPOSED
PRE MID TERM (JULY)	4 TH APRIL -30 TH APRIL	14	• HEATING OF THE ATMOSPHERE (BHARATI PUBLICATIONS) • MINERALS AND POWER RESOURCES (NCERT)	INSOLATION GREEN HOUSE EFFECT DAILY VARIATIONS IN TEMPERATURE SEASONAL VARIATIONS IN TEMPERATURE FACTORS AFFECTING TEMPERATURE INTRODUCTION TO MINERALS TYPES OF MINERALS EXTRACTION OF MINERALS	• Q/ANS • DIAGRAMS • WORKBOOK • PERIODIC C/W
	1 ST MAY- 15 TH MAY	5	• MINERALS AND POWER RESOURCES (NCERT)	DISTRIBUTION OF MINERALS IN INDIA AND WORLD USES OF MINERALS CONSERVATION OF MINERALS	• Q/ANS • MAP WORK
	6 TH JUNE- 30 TH JUNE	11	• MINERALS AND POWER RESOURCES (NCERT)	 INTRODUCTION TO POWER RESOURCES CONVENTIONAL RESOURCES- ITS TYPES NON CONVENTIONAL RESOURCES- ITS TYPES ADVANTAGES AND DISADVANTAGES OF POWER RESOURCES 	• Q/ANS • MAP WORK • S.E.A. • PERIODIC C/W
	1 ST JULY- 7 TH JULY	3		REVISION	
	21 ST JULY- 31 ST JULY	4	ATMOSPHERIC PRESSURE AND WINDS (BHARATI PUBLICATIONS)	 ATMOSPHERIC PRESSURE EFFECT OF ALTITUDE EFFECT OF TEMPERATURE PRESSURE BELTS OF THE WORLD 	• Q/ANS • DIAGRAMS • WORKBOOK • PERIODIC C/W
MID TERM (SEPT)	1 ST AUG- 26 TH AUG	12	ATMOSPHERIC PRESSURE AND WINDS (BHARATI PUBLICATIONS) RESOURCES (NCERT)	 WINDS- PERMANENT AND LOCAL WINDS INTRODUCTION TO RESOURCES TYPES OF RESOURCES-NATURAL AND HUMAN RESOURCES 	• Q/ANS • DIAGRAMS • WORKBOOK • PERIODIC C/W
	28 TH AUG- 1 ST SEPT	2		CONSERVATION OF RESOURCES SUSTAINABLE DEVELOPMENT REVISION	

PROPOSED SYLLABUS - CLASS - VIII (HINDI 3rd LANGUAGE) (2017-18)

NAME OF EXAM.	TIME SLOTS	NO. OF CLASSES	TOPIC (NAME OF CHAPTERS	SUB-TOPICS (TO BE DONE)	EXERCISE PROPOSED
U	4th April - 30th April	8	१) किरण, उड़न-खटोला, भाषा और लिपि, वर्ण-विचार, शब्द-विचार ।	भाषा के रूप ।लिपि ।	बोधात्मक प्रश्न-उत्तरज्ञानमूलक प्रश्न उत्तर
N				वर्ण के भेद ।स्वर के भेद ।व्यंजनों के भेद ।	• सही विकल्प चूने
I	1st May - 9th May	2	२) मीठी बंदरिया का जन्मदिन, वाक्य-विचार ।	वाक्य के अंग ।उद्देश्य, विधेय ।	 Class Work Q. Ans. बोधात्मक प्रश्न-उत्तर
T	12th June - 30th June (Syllabus complete)	6	३) लुढ़कता पहिया, वाक्य विचार, शब्द भंडार ।	• पर्यायवाची, विलोम, मुहावरे ।	बोधात्मक प्रश्न-उत्तरसंक्षिप्त उत्तर लिखनासही विकल्प चूने ।
I .	1st July -7th July	2	REVISION		Periodic Class work
HALF YEARLY	21st July - 31st July	3	४) पानी, गुल्लक, गिनती ।	• १ से २० तक गिनती ।	प्रश्न - उत्तर लिखवाना ।संक्षिप्त उत्तर लिखना
	1st August - 26th August	9	५) इल्ली के जूते, पीऊ और उसके जादुई दोस्त, संज्ञा, लिंग, वचन, निबन्ध	संज्ञा के भेद ।ि लिंग के भेद, लिंग परिवर्तन ।वचन के भेद :	बोधात्मक प्रश्न-उत्तरसंक्षिप्त उत्तर लिखना

PROPOSED SYLLABUS - CLASS - VIII (Hindi 3rd Language) (2017-18)

NAME OF EXAM.	TIME SLOTS	NO. OF CLASSES	TOPIC (NAME OF CHAPTERS	SUB-TOPICS (TO BE DONE)	EXERCISE PROPOSED
U	9th October- 13th October	2	अगर पेड़ भी चलते होते ।		पाठ्य पर आधारित प्रश्न ।सही गलत ।
N I	23rd October - 31st October	2	भोला व चाँदपरी		पाठ्य पर आधारित प्रश्न । सही गलत ।
T	1st November - 30th November	8	चिड़िया रानी, गिनती में (१ से २० तक), सर्वनाम, विशेषण ।	सर्वनाम के भेदविशेषण के भेद	 खाली स्थान । सर्वनाम व विशेषण छाँटना । प्रश्न - उत्तर ।
II January	1st December - 20th December (Syllabus completed + Revisioin)	5	अशुद्धि – शोधन, शब्द भंडार	शुद्ध शब्दों को लिखोवाक्यों को शुद्ध लिखो	• शुद्ध शब्द व वाक्य लिखना ।
ANNUAL (MARCH)	17th Jan-31st Jan.	5	सुबह की सैर, देश हमारा, गिनती (४१ से ५० शब्दों और अंकों में), क्रिया ।	● क्रिया छाँटना ।	 क्रिया छाँटना । गिनती को अंकों व शब्दों में लिखना ।
(Marken)	1st Feb - 24th Feb (Syllabus complete)	7	आया बसंत, फलों का दरबार, काल, अपठित गद्यांश, निबन्ध लेखन ।	काल छाँटना । काल के भेद ।	 काल छाँटना । प्रश्न - उत्तर । गद्यांश पर आधारित प्रश्न- उत्तर ।
	26th Feb-3rd March	2	REVISION		प्रश्न- उत्तर ।खाली स्थान ।बहुवैकल्पिक प्रश्न उत्तर ।

NOTE: UNIT TEST - 20 (P.P.)

HALF YEARLY + ANNUAL - 80 + 20 (P.P.)

S.E.A. (10 श्रुति लेख + वर्तनी) Periodic Tests (40 ÷ 4 = 10)

CLASS – VIII PHYSICS

Name of the exam	Time slot	No. of classes (approx.)	Topics	Subtopics	Exercise proposed
Pre-mid term	4 th Apr- 30 th Apr	12	Force and pressure	Force- a push or a pull, forces are due to an interaction, exploring forces, a force can change the state of motion, effect of forces, types of forces Friction Numericals	Question answers class test Activity
	1 st May- 12 th May	7	Force and pressure	Pressure, pressure exerted by liquids and gases, atmospheric pressure Numericals	Question answers
	12 th Jun- 30 th Jun	8	Some natural phenomenon	Lightning, charging by rubbing, types of charges and their interaction, transfer of charge, Lightning safety	Question answers class test
Revison	1st July- 7th July	3	1. Force and pressure 2. Some natural phenomenon	Periodic testQuestion answers	
Mid term	21 st Jul- 31 st Jul	6	Some natural phenomenon	earthquakes(Causes of earthquake,protection against earthquake)	Question answers class test
	1 st Aug - 26 th Aug	12	Sound	Introduction, sound is produced by the vibrating body, Sound produced by humans Sound needs a medium for propagation, characteristics of sound, human ear, audible and inaudible sound, noise pollution	Question answers class test Activity
Revison	28th Aug- 1st Sept	3	1. Some natural phenomenon	Class testQuestion answersQuiz	

			2. Sound		
Post-mid	9 th Oct – 13 th Oct	3	Light	Reflection	Question answers
term	23 rd Oct- 31 st Oct	3	Light	Reflection	Question answers
	1 st Nov 30 th Nov	12	Light	Refraction , optical lenses	Question answers class test Activity
	1 st Dec- 20 th Dec	9	Light	Human eye	Question answers class test
Annual	17 th Jan- 31 st Jan	6	Laws of motion	Statements and applications of Newton's laws of motion	Question answers
	1 st Feb – 24 th Feb	9	Laws of motion	Numericals	Activity
Revision	26th Feb- 3rd Mar	3	Full syllabus will be revised		

MATHEMATICS SYLLABUS (SESSION 2017 – 18)

CLASS VIII

PRE MID TERM:

- 1. EXPONENTS
- 2. SQUARES AND SQUARE ROOTS
- 3. OPERATIONS ON ALGEBRAIC EXPRESSIONS
- 4. PERCENTAGE
- 5. PROBABILITY
- 6. QUADRILATERALS
- 7. DATA HANDLING

MIDTERM:

- 8. FACTORIZATION
- 9. BAR GRAPH
- 10.DIRECT AND INVERSE VARIATION
- 11.PARALLELOGRAMS

POST MIDTERM:

- 12.LINEAR EQUATIONS
- 13.PROFIT AND LOSS
- 14.PIE CHART

ANNUAL:

- 15. VOLUME AND SURFACE AREA
- 16. CONSTRUCTION OF QUADRILATERALS
- 17.TIME AND WORK
- 18.COMPOUND INTEREST

BIRLA BHARATI

Syllabus break-up

Class - 8

Subject : Hindi, 2nd Language

Session - 2017-18

Name of Exam	Time slot	No. of Classes	Topic	Exercise proposed
Unit-I	4 th April to 30 th April	20 Approx	भारतभूमि, रंग जाती एक ऋतु, पंच परमेश्वर	
	30 Артіі		<u>व्याकरण</u> -भाषा, बोली, लिपि और व्याकरण	
	1 st May to 12 th may	10 approx	<u>व्याकरण</u> - वर्ण विन्यास, उपसर्ग, प्रत्यय संधि अपने पराये	• कक्षा कार्य - लिखित और मौखिक कार्य
	12 th June to 30 th June	16 approx	एक रानी का बदला, जीवन का लक्ष्य	 पाठ से संबंधित बोधमूलक - ज्ञानमूलक प्रश्न किये जायेंगे
	1 st July to 7 th July		Revision	
			Unit I Starts from 10 th July	
Half Yearly	21 st July to 31 st july	7 approx	अनोखी कलाकृति इतने ऊँचे उठो	 श्रवण और वाचन कौशलों के परीक्षण हेतु पाठ से संबंधित प्रश्न किये जायेंगे।
	1 st August to 26 th August	20 approx	लाख की चूड़ियाँ, बड़े घर की बेटी, व्याकरण - समास, लिंग, वचन, कारक क्रिया	लिखित और मौखिक कार्य मौखिक अभिव्यक्ति (A.S.L.)
	28 th August to 1 st Sept.		Revision	
			Half yearly Starts from 6 th September	
Unit II	9 th Oct to 13 th Oct	5 approx	सुभागी	 कक्षा में लिखित कार्य करवाया जायेगा
	23 rd Oct to 31 st Oct	7 approx	मिसाइल मैन, मेरा नया बचपन	 पाठ से संबंधित ज्ञानमूलक और बोधमूलक

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				प्रश्न किये जायेंगे
	1 st Nov. to 23		बूढ़ी काकी, नमक का दारोगा	• लिखित कार्य करवाया
	30 th Nov	approx	<u>व्याकरण</u> - विशेषण	जायेगा।
	1 st Dec to 15		एक दिन मैं भी जीत्ँगा, पंचतत्वों की	• कक्षा कार्य करवाया
	20 th Dec.	approx	कहानी नशा	जायेगा।
			<u>व्याकरण</u> - अव्यय	• मूल्यपरक प्रश्न किये
				जायेंगे।
			Unit II Starts from 4 th January	
Annual	17 th Jan to	12	विकास, पूस की रात	• पाठ से संबंधित
	31 st Jan	approx	<u>व्याकरण</u> - पद परिचय	ज्ञानमूलक, बोधमूलक प्रश्न
				किये जायेंगे।
	1st Feb to	18	परदेश में बसा भारत	• मूल्यपरक प्रश्न किये
	24 th Feb	approx	राम सुग्रीव	जायेंगे।
			<u>व्याकरण</u> - वाच्य, वाक्य व्यवस्था	• कक्षा कार्य लिखित और
			अपठित गद्यांश और काव्यांश,	मौखिक कार्य करवाया
			पत्रलेखन	जायेगा।
				मौखिक अभिव्यक्ति A.S.L.
	26 th Feb to		Revision	
	3 rd March		a ab	
			Annual Start from 5 th March	