

BISHOP SCOTT BOYS' SCHOOL

(Affiliated to CBSE, New Delhi) Affiliation No.: 330726

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COMMON ACADEMIC PLAN-2020-21

SYLLABUS SPLIT-UP

(REVISED AS PER CBSE CIRCULAR AND NCERT ACADEMIC CALENDAR)

COMMON ACADEMIC PLAN-SYLLABUS SPLIT UP CLASS-XII-History (2020-21)

Month	Name of the Chapter with Serial No	Sub-Topics	No. of Periods	Activities as per the Chapter	Portion for PT/MT/AE	Assignments required
April	1. Bricks, Beads and Bones (Harappan Civilization)	<ul style="list-style-type: none"> The story of the First Cities Broad overview Story of discovery 	13		PT 1 Ch 1	
	2. Kings, Farmers and Towns	<ul style="list-style-type: none"> Broad overview Story of Discovery Excerpt 	14		PT 2 Ch-1-4	
May	3. Kinship, Caste and Class	<ul style="list-style-type: none"> Issues in social history Transmission and publications of the Mahabharata Excerpt 	14			
June	4. Thinkers, Beliefs and Buildings	<ul style="list-style-type: none"> Religious histories Focus on Buddhism Excerpt 	14			
July	6. Bhakti-Sufi Traditions	<ul style="list-style-type: none"> Outline of religious development Ideas and practices of the saints Compositions 	14			
	7. An Imperial Capital: Vijaynagara	<ul style="list-style-type: none"> Temple, Forts Architecture and Political system Story of Discovery 	10			
August	8. Kings and Chronicals	<ul style="list-style-type: none"> Political History Chronicles 	14	Project suggested by CBSE		



		<ul style="list-style-type: none"> Excerpts 			
September	RIVISION				MT Chapter 1,2,3,4,6,7,9
October	10. Colonialism and the Countryside	<ul style="list-style-type: none"> Life of Zamindars Changes over 19th C Story of official records 	12		
	11. Rebels and the Raj	<ul style="list-style-type: none"> Events of 1857-58 Reasons Focus 	12		Sent up Ch 1,2,3,4,6,7,9,10,11,13,15
November	13. Mahatma Gandhi and The National Movement	<ul style="list-style-type: none"> Gandhian politics and leadership Gandhi in 1931 Contemporary writings 	12		Pre boards Ch 1,2,3,4,6,7,9,10,11,13,15
	15. Framing the Constitution	<ul style="list-style-type: none"> Independence and the new nation state. The making of the constitution Assembly Debates 	16		



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COMMON ACADEMIC PLAN-SYLLABUS SPLIT UP (2020-21) CLASS XII(GEOGRAPHY)

Month	Name of the Chapter with Serial No	Sub-Topics	No. of Periods	Chapters: Practical in Geography	Portion for PT/MT/AE	Assignme require
April	1. Human Geography: Nature and Scope (B-1)		05		PT I Chapters- 1,2	
May	2. The World Population, Distribution, Density and Growth (B-1)	<ul style="list-style-type: none"> • Population-distribution, density and growth • Population change-spatial patterns and structure; determinants of population change 	10			
	1. Population : Distribution, Density, Growth and Composition (B-2)	<ul style="list-style-type: none"> • Population: distribution, density and growth; 	10			
June	3. Population Composition (B-1)	<ul style="list-style-type: none"> • Composition of population - linguistic, religious; sex, • Rural-urban and occupational- • Regional variations in growth of population 	12			
	2. Migration : Types, Causes and Consequences (B-2)	<ul style="list-style-type: none"> • International, • National-causes and consequences 	8			
July	4. Human Development (B-1)	<ul style="list-style-type: none"> • Concept; selected indicators, 	10		PT-II	



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		<ul style="list-style-type: none"> • International comparisons 			Chapters- 2,3,4(B-1) 2,3 (B-2)	
	3. Human Development (B-2)	<ul style="list-style-type: none"> • Selected indicators and regional patterns 	10			
August	5. Primary Activities (B-1)	<ul style="list-style-type: none"> • Concept and changing trends; gathering, pastoral, mining, subsistence agriculture, modern agriculture; • People engaged in agricultural and allied activities - some examples from selected countries 	12			
	7. Tertiary and Quaternary Activities (B-2)	<ul style="list-style-type: none"> • Concept; trade, transport and tourism; services; • People engaged in tertiary and Quaternary activities - some examples from selected countries 	10			
September	6. Water Resources (B-2)	<ul style="list-style-type: none"> • Availability and utilization-irrigation, domestic, industrial and other uses; • Scarcity of water and conservation methods-rain water harvesting and watershed management 	10		Mid Term- Chapters- 4,5,6,7 (B-1) 3,6,7 (B-1)	



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WISDOM - DEVELOPMENT

	7. Mineral and Energy Resources (B-2)	<ul style="list-style-type: none"> • Distribution of metallic (Iron ore, Copper, Bauxite, Manganese); • Non-metallic (Mica, Salt) minerals; • Conventional (Coal, Petroleum, Natural gas and Hydroelectricity) • Non-conventional energy sources (solar, wind, biogas) and conservation 	12		
October	10. Human Settlements (B-1)	<ul style="list-style-type: none"> • Settlement types - rural and urban; • Morphology of cities (case study); • Distribution of mega cities; • Problems of human settlements in developing countries 	10	1. Data - Its Source and Compilation	
	4. Human Settlements (B-2)	<ul style="list-style-type: none"> • Rural settlements - types and distribution • Urban settlements - types, distribution and functional classification 	10	2. Data Processing	
November	9. Planning and Sustainable Development in Indian Context (B-2)	<ul style="list-style-type: none"> • Target group area planning (case study); • Idea of sustainable development (case study) 	10	3. Graphical Representation of Data	Pre Board- Chapters- 1 to 12 Book 1 and 2



	12. Geographical Perspective on Selected Issues and Problems (B-2)	<ul style="list-style-type: none">• Environmental pollution; urban-waste disposal• Urbanization, rural-urban migration; problems of slums• Land degradation	10	4. Use of Computer in Data Processing and Mapping		

COMMON ACADEMIC PLAN-SYLLABUS SPLIT UP (2020-21) CLASS XII(POLITICAL SCIENCE)

Month	Name of the Chapter with Serial No	Sub-Topics	No. of Periods	Activities as per the Chapter	Portion for PT/MT/AE	Assignments required
April	1. The Cold and Non-aligned Movement	<ul style="list-style-type: none"> Emergence of two power blocs/Bipolarity, Non-aligned Movement (NAM). 	12		PT I Chapters- 1,2	
May	2. The End of Bipolarity	<ul style="list-style-type: none"> Disintegration of Soviet Union, Unipolar World, Middle East Crisis - Afghanistan, Gulf War, Democratic Politics and Democratization - CIS and the 21st Century (Arab Spring). 	15			
June	7. Challenges of nation Building	<ul style="list-style-type: none"> Nation and Nation Building Sardar Vallabh Bhai Patel and Integration of States Legacy of Partition: Challenge of Refugee, Resettlement, Kashmir Issue, Nehru's Approach to Nation - Building Political Conflicts over Language and Linguistic Organization of States. 	15			
July	3. New Centers of Power	<ul style="list-style-type: none"> Organizations: European Union, ASEAN, SAARC, BRICS. Nations: Russia, China, Israel, India. 	10		PT-II Chapters- 2,3,7,8	
	8. Planned Development	<ul style="list-style-type: none"> National Development Council, NITI Aayog. 	08			



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August	4. South Asia and the Contemporary World	<ul style="list-style-type: none">Conflicts and efforts for Peace and Democratization in South Asia: Pakistan, Nepal, Bangladesh, Sri Lanka, Maldives.	10			
	9. India's Foreign Policy	<ul style="list-style-type: none">Principles of Foreign PolicyIndia's Changing Relations with Other Nations: US, Russia, China, Israel;	10			
September	5. United Nations and its Organizations	<ul style="list-style-type: none">Principle Organs,Key Agencies: UNESCO, UNICEF, WHO, ILO,Security Council and the Need for its Expansion.	14		Mid Term- Chapters-3,4,5,7,8,9	
October	10. Parties and the Party Systems in India	<ul style="list-style-type: none">Congress SystemBi-party SystemMulti-party Coalition System.	11	CBSE project		
	11. Democratic Resurgence	<ul style="list-style-type: none">Jai Prakash Narayan and Total RevolutionRam Manohar Lohiya and SocialismPandit Deendayal Upadhyaya and Integral HumanismNational Emergency	13			



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HOLISTIC DEVELOPMENT

		<ul style="list-style-type: none">• Democratic Upsurges- Participation of the Adults, Backwards and Youth.				
November	6. Globalization	<ul style="list-style-type: none">• Globalization: Meaning,• Manifestations and Debates.	10			
	12. Indian Politics: Trends and Developments	<ul style="list-style-type: none">• Era of Coalitions: National Front, United Front, United Progressive Alliance [UPA] - I & II, National Democratic Alliance [NDA] - I, II, III& IV,• Issues of Development and Governance.	14		Pre Board- Chapters-1 to 12	

BISHOP SCOTT BOYS' SCHOOL, PATNA

REVISED SPLIT UP SYLLABUS (SESSION: 2020-21) [RATIONALISED CURRICULUM]

CLASS: XII		SUB: ENGLISH			
MONTH	NAME OF BOOKS	CHAPTERS	PERIODS	ACTIVITIES/WORKSHOPS RELATED TO THE TOPIC	EXAMINATION
APRIL	Falmingo Vistas Reading Section Writing Section	The Last Lesson	3	Elocution on *Save Wild Animals Patriotism	
		My Mother at Sixty Six	3		
		The Third Level	3		
		Different kind of passages	2		
		Notice	2		
MAY	Falmingo Writing Section	Smart Class	2	Speech on Child Labour	
		Lost spring	4		
		An Elementary School Classroom in a Slum	3		
		Invitation	10		
		Advertisement	2		
JUNE		Smart Class	1		
			3		
JULY	Falmingo Vistas Writing Section	Deep Water,	4		
		The Enemy	5		
		Letter Writing (Formal Letter)	10		
		Smart Class	3		
			4		
AUGUST	Flamingo Vistas	Keeping Quiet	2	Sk: 1 on Freedom Movement Independence Day	
		The Rattrap	4		
		Indigo	4		
		Should Wizard Hit Mommy	4		
			8		
SEPTEMBER	Flamingo Vistas Writing Section	On the Face of It	5	Debate: Pessimism Vs Optimism	
		Article	3		
		Report Writing	1		
		Smart Class	1		
			1		
OCTOBER	Flamingo Vistas	Report Writing	1	Debate: Fancy and Imagination	
		Smart Class	3		
		A Thing of Beauty	3		
		Evans Tries An O-level	4		
		Smart Class	8		
NOVEMBER	Flamingo Vistas Writing Section	Smart Class	4	Debate: Global Discrimination	
		Aunt Jeniffer's Tiger	3		
		Practice on Writing Section	4		
		Smart Class	10		
			6		
DECEMBER	Revision	Revision of All Sections	2		
		Smart Class	10		

MONTH	NAME OF THE CHAPTER WITH SERIAL NO	SUB-TOPICS	NO. OF PERIODS	ACTIVITES AS PER THE CHAPTER	PORTION FOR PT/MT/AE	ASSIGNMENTS IF REQUIRED
April	1.PYTHON PANDAS-1	INTRODUCTION OF PANDAS, DATA STRUCTURES , SERIES DATA STRUCTURE ,CREATING AND DISPLAYING A DATAFRAME, ADDDDING,MODIFYING ROWS/COLUMNS VALUES IN DATAFRAMES,DELETING/RENAMING COLUMN AND BOOLEAN INDEXING				
MAY	2. PYTHON PANDAS-2	INTRODUCTION,ITERATION OVER A DATAFRAME, DESCRIPTIVE STATISTICS WITH PANDAS, BINARY OPERATIONS,HANDLING MISSING DATA ,FUNCTION GROUPBY(), COMBINING,ADVANCE OPERATION ON DATAFRAME AND FUNCITONS AND THEIR FUNCTIONALITY				
JUNE	3.PLOTTING WITH PYPLOT	DATA VISUALIZATION PURPOSE OF PLOTTING; DRAWING AND SAVING FOLLOWING TYPES OF PLOTS USING MATPLOTLIB – LINE PLOT, BAR GRAPH, HISTOGRAM. CUSTOMIZING PLOTS: COLOR, STYLE (DASHED, DOTTED), WIDTH; ADDING LABEL, TITLE, AND LEGEND IN PLOTS.				
JULY	5. MYSQL SQL REVISION TOUR 6.MYSQL FUNCTIONS 7. QUERYING USING SQL	Database Query using SQL Math functions: POWER (), ROUND (), MOD (). Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID (), ()/SUBSTRING (), ()/SUBSTR (), LENGTH (), LEFT (),		PT-1 CH- 1,2,3,4		

		<p>RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM ().</p> <p>Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME ().</p> <p>Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*).</p> <p>Querying and manipulating data using Group by, Having, Order by.</p>				
AUGUST	<p>CHPATER-10 INTRODUCTION TO COMPUTER NETWORK</p>	<p>Introduction to Computer Networks</p> <p>Introduction to networks, Types of network: LAN, MAN, WAN.</p> <p>Network Devices: modem, hub, switch, repeater, router, gateway</p> <p>Network Topologies: Star, Bus, Tree, Mesh.</p> <p>Introduction to Internet, URL, WWW and its applications- Web, email, Chat, VoIP.</p> <p>Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website.</p> <p>Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.</p>				
SEPTEMBER	<p>CH-10 INTRODUCTION TO INTERNET AND WEB CH-11 SOCIETAL IMPACTS AND</p>	<p>Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR),</p>				

	DATA PROTECTION	plagiarism, licensing and copyright, free and open source software (FOSS), cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act. E-waste: hazards and management. Awareness about health concerns related to the usage of technology.				
NOV-DEC		REVISION AND PRE-BOARD				

1. Suggested Practical List

1.1 Data Handling

1. Create a pandas series from a dictionary of values and an ndarray
2. Given a Series, print all the elements that are above the 75th percentile.
3. Create a Data Frame quarterly sales where each row contains the item category, item name, and expenditure. Group the rows by the category, and print the total expenditure per category.
4. Create a data frame based on ecommerce data and generate descriptive statistics (mean, median, mode, quartile, and variance)
5. Create a data frame for examination result and display row labels, column labels data types of each column and the dimensions
6. Filter out rows based on different criteria such as duplicate rows..
7. Find the sum of each column, or find the column with the lowest mean.
8. Locate the 3 largest values in a data frame.
9. Subtract the mean of a row from each element of the row in a Data Frame.
10. Replace all negative values in a data frame with a 0.
11. Replace all missing values in a data frame with a 999.
12. Importing and exporting data between pandas and CSV file

13. Importing and exporting data between pandas and MySQL database

1.2 Visualization

14. Given the school result data, analyse the performance of the students on different parameters, e.g subject wise or class wise.
15. For the Data frames created above, analyze and plot appropriate charts with title and legend.
16. Take data of your interest from an open source (e.g. data.gov.in), aggregate and summarize it. Then plot it using different plotting functions of the Matplotlib library.

1.3 Data Management

17. Create a student table with the student id, name, and marks as attributes where the student id is the primary key.
18. Insert the details of a new student in the above table.
19. Delete the details of a particular student in the above table.
20. Use the select command to get the details of the students with marks more than 80.
21. Create a new table (order ID, customer Name, and order Date) by joining two tables (order ID, customer ID, and order Date) and (customer ID, customer Name, contact Name, country).
22. Create a foreign key in one of the two tables mentioned above
23. Find the min, max, sum, and average of the marks in a student marks table.
24. Find the total number of customers from each country in the table (customer ID, customer Name, country) using group by.
25. Create a new table (name, date of birth) by joining two tables (student id, name) and (student id, date of birth).
26. Write a SQL query to order the (student ID, marks) table in descending order of the marks.

1.4 Introduction to Computer Networks

27. Download, install and configure browser.

**COMMON ACADEMIC PLAN- SPLIT UP SYLLABUS (SESSION: 2020-21)**

CLASS: XII

SUB: PHYSICAL EDUCATION

Month	Name of the Chapter with Serial No	Sub-Topics	Activities as per the Chapter	Portion for PT/MT/AE	Assignments if required
APRIL	Unit I Planning in Sports	Meaning & Objectives Of Planning Various Committees & its Responsibilities (pre; during & post) Tournament - Knock-Out, League Or Round Robin & Combination Procedure To Draw Fixtures - Knock-Out (Bye & Seeding) & League (Staircase & Cyclic)	Sports House division of School	PT : Ch-1	Write about various committees and explain it.
MAY	Unit II Sports & Nutrition	Balanced Diet & Nutrition: Macro & Micro Nutrients Nutritive & Non-Nutritive Components Of Diet	Diet control and balance diet .		Make a chart of

		Eating For Weight Control - A Healthy Weight, The Pitfalls of Dieting, Food Intolerance & Food Myths			vitamins and their roles .
JUNE	Unit III Yoga & Lifestyle	Asanas as preventive measures Obesity: Procedure, Benefits & contraindications for Vajrasana, Hastasana, Trikonasana, Ardh Matsyendrasana Diabetes: Procedure, Benefits & contraindications for Bhujangasana, Paschimottasana, Pavan Muktasana, Ardh Matsyendrasana Asthema: Procedure, Benefits & contraindications for Sukhasana, Chakrasana, Gomukhasana, Parvatasana, Bhujangasana, Paschimottasana, Matsyasana Hypertension: Tadasana, Vajrasana, Pavan Muktasana, Ardha Chakrasana, Bhujangasana, Sharasana	Yoga asanas		Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease.

<p>JULY</p>	<p>Unit IV : Physical Education & Sports for CWSN (Children With Special Needs - Divyang)</p>	<p>Concept of Disability & Disorder Types of Disability, its causes & nature (cognitive disability, intellectual disability, physical disability) Types of Disorder, its cause & nature (ADHD, SPD, ASD, ODD, OCD) Disability Etiquettes Strategies to make Physical Activities assessable for children with special need.</p>	<p>Visit any local blind School .</p>	<p>PT : Ch - 2,3</p>	<p>Describe type of Disability</p>
<p>AUGUST</p>	<p>Unit V : Children & Women in Sports</p>	<p>Motor development & factors affecting it. Exercise Guidelines at different stages of growth & Development. Common Postural Deformities - Knock Knee; Flat Foot; Round Shoulders; Lordosis, Kyphosis, Bow Legs and Scoliosis and their corrective measures. Sports participation of women in India</p>	<p>Motor skill exercise</p>	<p>Mid Term Ch- 1 2,3,4,5</p>	<p>Write about common postural deformities with diagram</p>
<p>SEPTEMBER</p>	<p>Unit VI : Test & Measurement in Sports</p>	<p>Motor Fitness Test - 50 M Standing Start, 600 M Run/Walk, Sit & Reach, Partial Curl Up, Push Ups (Boys), Modified Push Ups (Girls), Standing Broad Jump, Agility - 4x10 M Shuttle</p>	<p>Fitness test through Harvad step test .</p>		<p>Procedure for administering Senior Citizen Fitness Test for 5 elderly family members</p>

		<p>Run</p> <p>o Measurement of Cardio Vascular Fitness - Harvard Step Test/Rockport Test - Computation of Fitness Index:-</p> <p>Rikli & Jones - Senior Citizen Fitness Test 1. Chair Stand Test for lower body strength</p> <p>2. Arm Curl Test for upper body strength</p> <p>3. Chair Sit & Reach Test for lower body flexibility</p> <p>4. Back Scratch Test for upper body flexibility</p> <p>5. Eight Foot Up & Go Test for agility</p> <p>6. Six Minute Walk Test for Aerobic Endurance</p>			
OCTOBER	<p>Unit VII : Physiology & Injuries in Sports</p>	<p>Physiological factor determining component of Physical Fitness.</p> <p>Effect of exercise on Cardio Respiratory System.</p> <p>Effect of exercise on Muscular System.</p> <p>Sports injuries: Classification (Soft Tissue Injuries:(Abrasion, Contusion, Laceration, Incision, Sprain & Strain) Bone & Joint Injuries: (Dislocation,</p>	Cardio exercise	PT : Ch - 6 , 7	Draw a picture of Respiratory System

		<p>Fractures: Stress Fracture, Green Stick, Commutated ·</p> <p>Physiological factor determining component of Physical Fitness</p> <p>Effect of exercise on Cardio Respiratory System</p> <p>Effect of exercise on Muscular System</p> <p>Sports injuries: Classification (Soft Tissue Injuries:(Abrasion, Contusion, Laceration, Incision, Sprain & Strain) Bone & Joint Injuries: (Dislocation, Fractures: Stress Fracture, Green Stick, Communated, Transverse Oblique & Impacted) Causes, Prevention& treatment</p>			
NOVEMBER	Unit VIII Biomechanics & Sports	<p>Meaning and Importance of Biomechanics in Sports</p> <p>Types of movements (Flexion, Extension, Abduction & Adduction)</p> <p>Newton's Law of Motion & its application in sports</p>	Types of Body movements in sports		Fitness tests administration for all items.
DECEMBER	Unit IX Psychology & Sports	<p>Personality; its definition & types - Trait & Types (Sheldon & Jung</p>	Group discussion	PT : Ch - 8,9	Write about exercise benefits and

		Classification) & Big Five Theory Motivation, its type & techniques Meaning, Concept & Types of Aggressions in Sports			explain the types of aggression in sports.
JANUARY	Unit X Training in Sports	Strength - Definition, types & methods of improving Strength - Isometric, Isotonic & Isokinetic Endurance - Definition, types & methods to develop Endurance - Continuous Training, Interval Training & Fartlek Training Speed - Definition, types & methods to develop Speed - Acceleration Run & Pace Run Flexibility - Definition, types & methods to improve flexibility Coordinative Abilities - Definition & types			
FEBRUARY	Revision			Annual Exam Ch - 6,7,8,9,10	

Practical Max. Marks	30
01. Physical Fitness Test -	6 Marks
02. Proficiency in Games and Sports (Skill of any one Game of choice from the given list*)- 7 Marks	7 Marks
03. Yogic Practices -	7 Marks
04. Record File ** -	5 Marks
05. Viva Voce (Health/ Games & Sports/ Yoga) -	5 Marks

*** Basketball, Football, Kabaddi, Kho-Kho, Volleyball, Handball, Hockey, Cricket, Bocce & Unified Basketball [CWSN (Children With Special Needs - Divyang)] **Record File shall include:**