

BISHOP SCOTT BOYS' SCHOOL

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COMMON ACADEMIC PLAN-2020-21

SYLLABUS SPLIT-UP

(REVISED AS PER CBSE CIRCULAR AND NCERT ACADEMIC CALENDAR)

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

Month	Name of the Chapter with Serial No	Sub-Topics	No. of Periods	Chapters: Practical in Geography	Portion for PT/MT/AE	Assignment required
June	1. Geography as a Discipline (B-1)	<ul style="list-style-type: none">• Geography as an integrating discipline, as a science of spatial attributes• Branches of Geography: Physical Geography and Human Geography Scope• Career Options (Non-evaluative)	05			
July	3. Interior of the Earth (B-1)	<ul style="list-style-type: none">• Interior of the Earth• Earthquakes and volcanoes: causes, types and effects	10		PT-I. Chapters- 1,2	
	4. Distribution of Oceans and Continents (B-1)	<ul style="list-style-type: none">• Wegener's continental drift theory• Plate tectonics	10			
August	5. Minerals and Rocks (B-1)	<ul style="list-style-type: none">• Major types of rocks and their characteristics	12		PT-II. Chapters- 3,4,5	



	6. Geomorphic Processes (B-1)	<ul style="list-style-type: none">• Weathering; mass wasting;• Erosion and deposition;• Soil-formation	8			
September	8. Composition and Structure of Atmosphere (B-1)	<ul style="list-style-type: none">• Atmosphere- composition and structure;• Elements of weather and climate	10		Mid Term- Chapters- 1,3,4,5,6,8	
	9. Solar Radiation, Heat Balance and Temperature (B-1)	<ul style="list-style-type: none">• Insolation-angle of incidence and distribution;• Heat budget of the earth-heating and cooling of atmosphere (conduction, convection,• Terrestrial radiation and advection); temperature• Factors controlling temperature; Distribution of temperature-horizontal and vertical; inversion of temperature	10			
October	11. Water in the Atmosphere (B-1)	<ul style="list-style-type: none">• Precipitation-evaporation; condensation-dew, frost, fog, mist and cloud;	12	1. Introduction to Maps		



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		<ul style="list-style-type: none">• Rainfall-types and world distribution			
	14. Movements of Ocean Water (B-1)	<ul style="list-style-type: none">• Movements of ocean water-waves, tides and currents;• Submarine reliefs• Ocean resources and pollution	10	2. Map Scale	
November	15. Life on the Earth (B-1)	<ul style="list-style-type: none">• Biosphere - importance of plants and other organisms;	10	3. Latitude, Longitude and Time	
	16. Biodiversity and Conservation (B-1)	<ul style="list-style-type: none">• Ecosystem• Ecological balance	12	6. Introduction To Aerial Photographs	
December	1. India – Location (B-2)	<ul style="list-style-type: none">• Location,• Space relations,• India's place in the world	08	7. Introduction To Remote Sensing	
	3. Drainage System (B-2)	<ul style="list-style-type: none">• Concept of river basins• Watershed; the Himalayan and the Peninsular rivers	12	8. Weather Instruments, Maps and Charts	
January	5. Natural Vegetation (B-2)	<ul style="list-style-type: none">• Forest types and distribution;• Wild life; conservation;	10		



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		<ul style="list-style-type: none">• Biosphere reserves				
	6. Soils (B-2)	<ul style="list-style-type: none">• Major types (ICAR's classification) and their distribution,• Soil degradation and conservation	10		Annual Exam- Chapters- 8,9,11,14,15,16 1,3,5,6	

COMMON ACADEMIC PLAN- SPLIT UP SYLLABUS (2020-21) CLASS XI(HISTORY)

Month	Name of the Chapter with Serial No	Sub-Topics	No. of Periods	Activities as per the Chapter	Portion for PT/MT/AE	Assignments if required
June-July	<i>Theme 2- Writing and city life</i>	<ul style="list-style-type: none"> • Mesopotamia and its Geography • Urbanisation • Movement of goods • Development of eriting 			Mid Term Theme 2,3,4	
August	<i>Theme 3- An empire across three continent</i>	<ul style="list-style-type: none"> • Political evolution • Economic expansion • Religion 			PT 2 Theme 2	
	<i>Theme 4- The central Islamic lands</i>	<ul style="list-style-type: none"> • Polity • Economy • Culture • Crusades 				
September	<i>Theme 6- The three orders</i>	<ul style="list-style-type: none"> • Feudal society and economy • Formation of states • Church and society • Decline of feudalism 			Final examination (Theme 1-11)	
october	<i>Theme 7- Changing cultural traditions</i>	<ul style="list-style-type: none"> • New ideas and new trends in literature and arts • Relationship with earlier idea • The contribution of West Asia • European renaissance 		Project suggested by CBSE		
November	<i>Theme 9- The Industrial Revolution</i>	<ul style="list-style-type: none"> • Innovation and technological changes • Pattern of growth 				



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		<ul style="list-style-type: none">• Emergence of working class				
December	<i>Theme 10- Displacing indigenous people</i>	<ul style="list-style-type: none">• European colonists in North America and Australia• Formation of white settler societies• Displacement and repression of local people				
January	<i>Theme 11- Paths to modernisation</i>	<ul style="list-style-type: none">• Militarization and economic growth in Japan• China and Communist alternative				

Common Academic Plan- Split Up Syllabus (2020-21) Class XI(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 if required
	PART: A					
July	<ul style="list-style-type: none"> Constitution 	<ul style="list-style-type: none"> Making of the constitution The constituent assembly Constituent as a living document 	26		PT- 1 Part 1 Chapter 1,	
July	<ul style="list-style-type: none"> Rights and duties in the Indian Constitution 	<ul style="list-style-type: none"> Fundamental Rights Directive principles 	13		Mid-term Part 1 Chapter 1-6	
	<ul style="list-style-type: none"> Election and Representation 	<ul style="list-style-type: none"> Election system Reservation 	12		PT 2 Part 1 Chapter 7,8 Part 2 Chapter 9,10	
August	<ul style="list-style-type: none"> The Executive 	<ul style="list-style-type: none"> Types Prime Minister 	11		Annual Examination Part 1 Chapter 1-8 Part 2 Chapter 9-18	
	<ul style="list-style-type: none"> The Legislature 	<ul style="list-style-type: none"> Parliament Permanent Executive 	11			
	<ul style="list-style-type: none"> The Judiciary 	<ul style="list-style-type: none"> Independent Judiciary Rights 	11			
September	Revision					
	PART: B					
October	<ul style="list-style-type: none"> Political Theory 	<ul style="list-style-type: none"> What is politics? Need 	8	CBSE project		
November	<ul style="list-style-type: none"> Freedom 	<ul style="list-style-type: none"> Ideals Need 	8			
	<ul style="list-style-type: none"> Equality 	<ul style="list-style-type: none"> Significance Promotion 	8			
	<ul style="list-style-type: none"> Justice with special reference to social justice 	<ul style="list-style-type: none"> What is Justice? 	8			
December	<ul style="list-style-type: none"> Rights 	<ul style="list-style-type: none"> What are Rights? 	8			



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January	<ul style="list-style-type: none">• Peace	<ul style="list-style-type: none">• What is a peace?	8		
	<ul style="list-style-type: none">• Development	<ul style="list-style-type: none">• What is development?	9		

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COMMON ACADEMIC PLAN-SPLIT UP SYLLABUS 2020-21

CLASS : XI

SUB: ENGLISH

MONTHS	CHAPTERS' NAME	EXAMINATIONS	
JUNE	A photograph, The Portrait of a lady.		
JULY	<ul style="list-style-type: none">• We are not afraid to die.. (Hornbill)• Note making and Summarization• Comprehension format and practice on unseen passage.• The summer of the Beautiful White horse (Snapshots)• Grammar-Tenses (Different aspect and its Application through Practice)• Writing – Notice /Poster		
AUGUST	<ul style="list-style-type: none">• The Address (Snapshots)• Letter writing -Business letter• The voice of the rain- Poem (Hornbill)• Discovering Tut: the saga continues (Hornbill)• The Laburnum Top: Poem (Hornbill)		
SEPTEMBER	<ul style="list-style-type: none">• Determiners -Grammar• Landscape of the soul (Hornbill)	TERM-1 Chapters taught till August	

	<ul style="list-style-type: none"> • Ranga's Marriage (Snapshots) • A. S. L • Childhood -Poem (Hornbill) 		
OCTOBER	<ul style="list-style-type: none"> • Debate/Speech writing - Practice • The Ailing Planet... (Hornbill) • Albert Einstein at School (Snapshots) • A. S. L (Conduction) 		
NOVEMBER	<ul style="list-style-type: none"> • The Browning Version (Hornbill) • Mother's Day (Snapshots) • Comprehension Practice 		
DECEMBER	<ul style="list-style-type: none"> • Birth (Snapshots) • Determiners • Silk Road (Hornbill) • Reordering of sentences, Transformation of sentences 		
JANUARY	<ul style="list-style-type: none"> • Review of the taught chapter in grammar • Letter Writing -Placing order • Revision of the topics of Hornbill 		
FEBRUARY	<ul style="list-style-type: none"> • Revision of the taught chapters from snapshots • Discussion on question types 		

	<ul style="list-style-type: none">• Practice on different sections of grammar• Practice on different writing compositions.		
MARCH		TERM-2 (Full Syllabus)	



Month	Name of the Chapter with Serial No	Sub-Topics	No. of Periods	Activities as per the Chapter	Portion for PT/MT/AE	Assignments if required
July	1. Basic Computer Organisation	<ul style="list-style-type: none"> • Basic computer organization: Computer system – I/O Devices, CPU, memory, hard disk, battery, power, transition from a calculator to a computer and further to smart devices. • Trouble shooting with parts of computer and basic operations of operating system 				<p>Project A complete solution of a problem stating the problem, objective, source code, output Students in group of 2-3 are required to work collaboratively to develop a project using Programming Skills learnt during the course. (Sample Examples can be a combination of few problems illustrated above)</p>
	2. Data Representation- Basic Concept	<ul style="list-style-type: none"> • Basic concept of Data representation: Binary, ASCII, Unicode 		Solving question based on Number System Binary Octal Decimal Hexadecimal	Half-yearly Ch-1,2,3,4,5,6	
	3. Getting Started with Python	<ul style="list-style-type: none"> • Familiarization with the basic of Python programming: a simple "hello world" program, process of writing a program, running it, and print statements; 				
August	4. Python Fundamentals	<ul style="list-style-type: none"> • Simple data-types: integer, float, string. Introduce the notion of variable, and methods to 		Creating a list of program <ul style="list-style-type: none"> • To find average and grade for given marks, • To find amount for 		



August	<p>5. Data Handling</p> <p>6. Conditional and Iterative Statements</p>	<p>manipulate it (concept of L-value and R-value even if not taught explicitly).</p> <ul style="list-style-type: none"> • Tokens - keywords, identifiers, Literals, Delimiters. • Knowledge of data type and operators: accepting input from the console, assignment • Statement, expressions, operators (assignment, arithmetic, relational and logical) and their precedence. • Conditional statements: if, if-else, if-elf-else; simple programs: e.g.: absolutevalue, sort 3 numbers, divisibility. • Notion of iterative computation and control flow: for (range() , len()), while, flowcharts. • Suggested programs: finding average and grade for given marks, amount calculation for given cost-qty-discount, perimeter-wise/ area-wise cost calculation, interest calculation, profit-loss, EMI, tax calculation 	<p>given cost-qty-discount,</p> <ul style="list-style-type: none"> ● To calculate cost perimeter-wise/ area-wise, ● To calculate interest (Simple and Compound) ● To calculate profit-loss for given Cost and Sell Price ● To calculate EMI for Amount, Period and Interest, ● To calculate tax (examples from GST/Income Tax) ● To find the largest and smallest numbers in a list. ● To find the third largest number in a list. ● To find the sum of squares of the first 100 natural numbers. ● To find whether a string is a palindrome or not. ● To compute xn, for given two integers x and n, ● To compute the greatest common divisor and the least common multiple of two integers. ● To test if a number is equal to the sum of the cubes of its digits. Find the smallest and largest suchnumbers in the range of 100 to 1000. 		
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September	7. Text Handling 8. List Manipulation 9. Dictionaries	<p>(example from GST/Income Tax).</p> <ul style="list-style-type: none">• List and dictionary: finding the maximum, minimum, mean; linear search on a list of numbers, and counting the frequency of elements in a list using a dictionary.• Text handling: compare, concat, and substring operations (without using string module).• Introduction to Python modules: importing math (sqrt, ceil, floor, pow, fabs), random (random, randint, randrange), statistics (mean, median) modules.		<ul style="list-style-type: none">• To find average and grade for given marks,• To find amount for given cost-qty-discount,• To calculate cost perimeter-wise/ area-		
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October	10. Relational Databases	<ul style="list-style-type: none"> • Relational databases: Concept of a database, relations, attributes and tuples, keys - candidate key, primary key, alternate key, foreign key; Degree and 		<p>wise,</p> <ul style="list-style-type: none"> • To calculate interest (Simple and Compound) • To calculate profit-loss for given Cost and Sell Price • To calculate EMI for Amount, Period and Interest, • To calculate tax (examples from GST/Income Tax) • To find the largest and smallest numbers in a list. • To find the third largest number in a list. • To find the sum of squares of the first 100 natural numbers. • To find whether a string is a palindrome or not. • To compute x^n, for given two integers x and n, • To compute the greatest common divisor and the least common multiple of two integers. • To test if a number is equal to the sum of the cubes of its digits. Find the smallest and largest such numbers in the range of 100 to 1000. • To create a database 	Final Examination: Ch- 7,8,9,10,11, 12,13,14,15	
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November	11. Simple Queries in SQL	<p>Cardinality of a table.</p> <ul style="list-style-type: none"> • Use SQL - DDL/DML commands to CREATE TABLE, INSERT INTO TABLE <p>foreign keys; to view content of a table: SELECT-FROM-WHERE-ORDER BY</p> <p>alongwith BETWEEN, IN, LIKE. (Queries only on single table)</p>	<ul style="list-style-type: none"> • To create student table with the student id, class, section, gender, name, dob, and marks as attributes where the student id is the primary key. • To insert the details of at least 10 student in the above table. • To delete the details of a particular student in the above table. • To increase marks by 5% for those students, who have Rno more than 20 • To display the entire content of table on screen • To display Rno, Name and Marks of those students, who are scoring marks more than 50. • To find the average of marks from the student table • To find the number of students, who are from section 'A' • To add a new column email of appropriate data type • To find the minimum and maximum marks obtained by students • To modify email for each student.
December	12. Table Creation and Data Manipulation Commands	<ul style="list-style-type: none"> • Aggregate Functions : MIN , MAX, AVG, COUNT, SUM 	



January	13. Cyber Safety	<ul style="list-style-type: none">• Cyber safety: safely browsing the web, identity protection, confidentiality, social networks, netiquettes, digital footprint, cyber trolls and bullying. Appropriate usage of social networks: spread of rumours, and commonsocial networking sites (Twitter, LinkedIn, and Facebook) and specific usage rules.• Safely accessing web sites: adware, malware, viruses, Trojans. Safely communicating data: secure connections, eavesdropping, and phishing and identity verification.		<ul style="list-style-type: none">• To display the information all the students, whose name starts with ‘AN’ (Examples: ANAND, ANGAD)• To display Rno, Name, DOB of those students, who are born between ‘2005-01-01’ and ‘2005-12-31’• To display Rno, Name, DOB, Marks, Email of those male students in ascending order of their names.• To display Rno, Gender, Name, DOB, Marks, Email in descending order of their marks.		
	14. Online Access and					



	Computer Security					
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