

SWARNPRASTHA PUBLIC SCHOOL  
CLASS XI (2018 - 19)  
SYLLABUS FOR FINAL EXAMINATION

<b>MATHEMATICS</b>		
S.No.	TITLE	MARKS
1	SETS	5
2	RELATIONS AND FUNCTIONS	6
3	TRIGONOMETRY	10
4	PRINCIPLE OF MATHEMATICAL INDUCTION	4
5	COMPLEX NUMBERS	6
6	LINEAR INEQUATIONS	5
7	PERMUTATIONS AND COMBINATIONS	8
8	BINOMIAL THEOREM	7
9	SEQUENCES AND SERIES	4
10	STRAIGHT LINES	6
11	CONIC SECTIONS	6
12	INTRODUCTION TO 3D GEOMETRY	6
13	LIMITS AND DERIVATIVES	10
14	MATHEMATICAL REASONING	2
15	STATISTICS	6
16	PROBABILITY	9
		100

SWARNPRASTHA PUBLIC SCHOOL  
CLASS XI (2018 - 19)  
SYLLABUS FOR FINAL EXAMINATION

<b>SOCIOLOGY</b>		
S.No.	TITLE	MARKS
1	Society, Sociology and its relationship with other social sciences	6
2	Social groups	2
3	Status and Role	2
4	Social Stratification	2
5	Social control	6
6	Understanding social Institution	4
7	Economics and political Institution	6
8	Religion as social institution	6
9	Education as social institution	6
10	Culture values and Norms	8
11	Socialization	6
12	Social structure	6
13	Social process	6
14	Social Stratification	4
15	Social change	2
16	Social order	2

17	Rural and urban society	2
18	Ecology	4
	Total (THEORY)	80
19	Project	20
	Total	100

SWARNPRASTHA PUBLIC SCHOOL  
CLASS XI (2018 - 19)  
SYLLABUS FOR FINAL EXAMINATION

<b>HISTORY</b>		
S.No.	TITLE	MARKS
1	FROM THE BEIGINNING OF THE TIME	7
2	EARLY CITIES	8
3	AN EMPIRE ACROSS THREE CONTINENTS	7
4	CENTRAL ISLAMIC LANDS	6
5	NOMADIC EMPIRES	7
6	THREE ORDERS	8
7	CHANGING CULTURAL TRADITIONS	6
8	CONFRONTATIONS OF CULTURE	6
9	THE INDUSTRIAL REVOLUTION	8
10	DISPLACING INDIGENOUS PEOPLE	5
11	PATHS TO MODERNISATION	7
12	MAP WORK	5
13	PROJECT WORK	20
	<b>TOTAL</b>	<b>100</b>

SWARNPRASTHA PUBLIC SCHOOL  
CLASS XI (2018 - 19)  
SYLLABUS FOR FINAL EXAMINATION

<b>ECONOMICS</b>		
S.No.	TITLE	
1	INTRODUCTION	4
2	CONSUMER EQUILIBRIUM	4
3	DEMAND AND PRICE ELASTICITY OF DEMAND	6
4	PRODUCTION FUNCTION	4
5	COST	4
6	REVENUE	2
7	SUPPLY AND PRICE ELASTICITY OF SUPPLY	2
8	PRODUCER EQUILIBRIUM	2
9	PERFECT MARKET COMPETITION	4
10	DETERMINATION OF EQUILIBRIUM IN PRICE AND QUANTITY IN PERFECT MARKET	6
11	INTRODUCTION TO STATISTICS	6
12	COLLECTION OF DATA	3
13	ORGANISATION OF DATA	5

14	MEAN	6
15	MEDIAN	5
16	MODE	5
17	MEASURES OF DISPERSION	6
18	RANK CORRELATION	3

SWARNPRASTHA PUBLIC SCHOOL  
CLASS XI (2018 - 19)  
SYLLABUS FOR FINAL EXAMINATION

<b>PHYSICS</b>		
UNIT	CHAPTER/ TOPIC	MARKS
I	<b>Physical World and Measurement</b>	26
	Chapter–1: Physical World	
	Chapter–2: Units and Measurements	
II	<b>Kinematics</b>	
	Chapter–3: Motion in a Straight Line	
	Chapter–4: Motion in a Plane	
III	<b>Laws of Motion</b>	
	Chapter–5: Laws of Motion	
IV	<b>Work, Energy and Power</b>	
	Chapter–6: Work, Energy and Power	
V	<b>Motion of System of Particles</b>	
	Chapter–7: System of Particles and Rotational Motion	
VI	<b>Gravitation</b>	
	Chapter–8: Gravitation	
VII	<b>Properties of Bulk Matter</b>	23
	Chapter–9: Mechanical Properties of Solids	
	Chapter–10: Mechanical Properties of Fluids	
Chapter–11: Thermal Properties of Matter		
VIII	<b>Thermodynamics</b>	
	Chapter–12: Thermodynamics	
IX	<b>Kinetic Theory of Gases</b>	
	Chapter–13: Kinetic Theory	
<b>TOTAL (THEORY)</b>		70
	Practical	30
	Total	100

SWARNPRASTHA PUBLIC SCHOOL  
CLASS XI (2018 - 19)  
SYLLABUS FOR FINAL EXAMINATION

<b>SUBJECT- BIOLOGY</b>		
S.No.	TITLE	MARKS

1	The living world	1
2	Biological classification	2
3	Plant kingdom	2
4	Animal kingdom	2
5	Morphology of flowering plants	4
6	Anatomy of flowering plants	4
7	Structural organisation in animals	4
8	Cell -The unit of life	5
9	Biomolecules	5
10	cell cycle and cell division	5
11	Transport in plants	3
12	Mineral nutrition	3
13	Photosynthesis in flowering plants	4
14	Respiration in plants	4
15	Plant -Growth and development	4
16	Digestion and absorption	3
17	Breathing and exchange of gases	3
18	Body fluid and circulation	3
19	Excretory product and their elimination	3
20	Locomotion and movement	2
21	Neural control and coordination	2
22	Chemical coordination and integration	2
	<b>Total (Theory)</b>	<b>70</b>
	Practical	30
	<b>Total</b>	<b>100</b>

SWARNPRASTHA PUBLIC SCHOOL  
CLASS XI (2018 - 19)  
SYLLABUS FOR FINAL EXAMINATION

<b>BUSINESS STUDIES</b>		
S.No.	TITLE	MARKS
<b>PART A</b>		
1	NATURE AND PURPOSE OF BUSINESS	20
2	FORMS OF BUSINESS ORGANISATION	
3	PUBLIC, PRIVATE AND GLOBAL ENTERPRISES	18
4	BUSINESS SERVICES	
5	EMERGING MODES OF BUSINESS	12
6	SOCIAL RESPONSIBILITIES OF BUSINESS AND BUSINESS ETHICS	
<b>PART B</b>		
1	SOURCES OF BUSINESS FINANCE	20
2	SMALL BUSINESS	
3	INTERNAL TRADE	20
4	INTERNATIONAL BUSINESS	
5	PROJECT WORK	10
		<b>100</b>

SWARNPRASTHA PUBLIC SCHOOL  
CLASS XI (2018 - 19)  
SYLLABUS FOR FINAL EXAMINATION

<b>ACCOUNTANCY</b>		
S.No.	TITLE	
1	INTRODUCTION TO ACCOUNTING	3
2	BASIC ACCOUNTING TERMS	2
3	IFRS	3
4	BASES OF ACCOUNTING	3
5	ACCOUNTING EQUATION	3
6	ACCOUNTING PROCEDURES - RULES OF DEBIT AND CREDIT	1
7	ORIGIN OF TRANSACTIONS	2
8	JOURNAL	4
9	LEDGER	2
10	SPECIAL PURPOSE BOOKS - CASH BOOK	6
11	SPECIAL PURPOSE BOOKS - OTHER BOOKS	2
12	BANK RECONCILIATION STATEMENT	4
13	TRIAL BALANCE	3
14	DEPRECIATION	5
15	PROVISIONS AND RESERVES	2
16	ACCOUNTING FOR BILLS OF EXCHANGE	4
17	RECTIFICATION OF ERRORS	6
18	FINANCIAL STATEMENTS OF SOLE PROPRIETORSHIP	4
19	ADJUSTMENT IN PREPARATION OF FINANCIAL STATEMENTS	12
20	ACCOUNTS FOR INCOMPLETE RECORDS - SINGLE ENTRY SYSTEM	9
21	COMPUTERS IN ACCOUNTING	5
22	ACCOUNTING SOFTWARE - TALLY	5

SWARNPRASTHA PUBLIC SCHOOL  
CLASS XI (2018 - 19)  
SYLLABUS FOR FINAL EXAMINATION

<b>CHEMISTRY</b>		
S.No.	TITLE	
1	SOME BASIC CONCEPTS OF CHEMISTRY	
2	STRUCTURE OF ATOM	
3	CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES	
4	CHEMICAL BONDING AND MOLECULAR STRUCTURE	
5	STATES OF MATTER	
6	THERMODYNAMICS	
7	EQUILIBRIUM	
8	REDOX REACTIONS	

9	HYDROGEN	
10	THE s - BLOCK ELEMENTS	
11	THE p - BLOCK ELEMENTS	
12	ORGANIC CHEMISTRY - SOME BASIC PRINCIPLES AND TECHNIQUES	
13	HYDROCARBONS	
14	ENVIORNMENTAL CHEMISTRY	

SWARNPRASTHA PUBLIC SCHOOL  
CLASS XI (2018 - 19)  
SYLLABUS FOR FINAL EXAMINATION

<b>SUBJECT- PSYCHOLOGY</b>		
S.No.	TITLE	MARKS
1	CHAPTER- 7 human memory	15
2	CHAPTER- 2 methods of enquiry in psychology	15
3	CHAPTER- 6 learning	10
4	CHAPTER- 5 sensation, attentional and perceptuAL processes	10
5	CHAPTER- 8 thinking	10
6	CHAPTER- 1 what is psychology?	10
14	<b>Total (Theory)</b>	70
15	<b>Practical</b>	30
16	<b>Total</b>	100

SWARNPRASTHA PUBLIC SCHOOL  
CLASS XI (2018 - 19)  
SYLLABUS FOR FINAL EXAMINATION

<b>Pol. Sc.</b>		
S.No.	TITLE	
<b>INDIAN CONSTITUTION AT WORK</b>		
1	Constituiton: Why and How?	12
2	Rights in the Indian Constitution	
3	Election and Representation	
4	Executive	10
5	Legislature	
6	Judiciary	10
7	Federalism	
8	Local Governments	8
9	Constitution as a living document	
10	The Philosophy of the Constitution	
<b>POLITICAL THEORY</b>		
1	Political Theory : An Introduction	10
2	Freedom	
3	Equality	

4	Social Justice	10
5	Rights	10
6	Citizenship	
7	Nationalism	10
8	Secularism	
9	Peace	10
10	Development	
	Total	100

SWARNPRASTHA PUBLIC SCHOOL  
CLASS XI (2018 - 19)  
SYLLABUS FOR FINAL EXAMINATION

PHE		
S.No.	TITLE	70
	<b>Unit-I: Changing Trends &amp; Career in Physical Education</b>	
	• Meaning & definition of Physical Education	
	• Aims & Objectives of Physical Education	
	• Changing trends in Physical Education	
	• Various Physical Education Courses available in India	
	• Career Options in Physical Education	
	• Soft skills required for different careers	
	<b>Unit-II: Olympic Movement</b>	
	• Ancient & Modern Olympics (Summer & Winter)	
	• Olympic Symbols, Ideals, Objectives & Values	
	• International Olympic Committee	
	• Indian Olympic Association	
	• Dronacharya Award, Arjuna Award & Rajiv Gandhi Khel Ratna Award	
	• Organisational set-up of CBSE Sports & Chacha Nehru Sports Award	
	<b>Unit-III: Physical Fitness, Wellness &amp; Lifestyle</b>	
	• Meaning & Importance Of Physical Fitness, Wellness & Lifestyle	
	• Components of physical fitness	
	• Components of Health related fitness	
	• Components of wellness	
	• Preventing Health Threats Through Lifestyle Change	
	• Concept of Positive Lifestyle	
	<b>Unit-IV: Physical Education &amp; Sports for Differently Abled</b>	
	• Aims & objectives of Adaptive Physical Education	
	• Organization promoting Adaptive Sports (Special Olympics Bharat; Paralympics; Deaflympics)	
	• Concept and need of Integrated Physical Education	
	• Concept of Inclusion, its need and Implementation	

<ul style="list-style-type: none"> <li>• Role of various professionals for children with special needs (Counsellor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist &amp; special Educator)</li> </ul>	
<b>Unit-V: Yoga</b>	
<ul style="list-style-type: none"> <li>• Meaning &amp; Importance of Yoga</li> <li>• Elements of Yoga</li> <li>• Introduction - Asanas, Pranayam, Meditation &amp; Yogic Kriyas</li> <li>• Yoga for concentration &amp; related Asanas (Sukhasana; Tadasana; Padmasana &amp; Shashankasana)</li> <li>• Relaxation Techniques for improving concentration - Yog-nidra</li> </ul>	
<b>Unit-VI: Physical Activity &amp; Leadership Training</b>	
<ul style="list-style-type: none"> <li>• Introduction to physical activity &amp; leadership</li> <li>• Qualities &amp; role of a Leader</li> <li>• Behaviour change stages for physical activity (Pre-contemplation; Contemplation; Planning; Active; Maintenance)</li> <li>• Creating leaders through Physical Education</li> <li>• Meaning, objectives &amp; types of Adventure Sports (Rock Climbing, Tracking, River Rafting, Mountaineering, Surfing and Para Gliding)</li> <li>• Safety measures during physical activity and adventure sports</li> </ul>	
<b>Unit-VIII: Fundamentals of Anatomy &amp; Physiology</b>	
<ul style="list-style-type: none"> <li>• Define Anatomy, Physiology &amp; Its Importance</li> <li>• Function Of Skeleton System, Classification Of Bones &amp; Types Of Joints</li> <li>• Properties of Muscles</li> <li>• Function &amp; Structure Of Muscles</li> <li>• Function &amp; Structure Of Respiratory System, Mechanism of Respiration</li> <li>• Structure Of Heart &amp; Introduction To Circulatory System</li> <li>• Oxygen debt, second-wind</li> </ul>	
<b>Unit-IX: Kinesiology, Biomechanics &amp; Sports</b>	
<ul style="list-style-type: none"> <li>• Meaning &amp; Importance of Kinesiology &amp; Biomechanics In Phy. Edu. &amp; Sports</li> <li>• Levers &amp; Its Types and its application in sports</li> <li>• Equilibrium – Dynamic &amp; Static And Centre Of Gravity and its application in sports</li> <li>• Force – Centrifugal &amp; Centripetal and its application in sports</li> <li>• Introduction to Buoyancy Force</li> </ul>	
<b>Unit-X: Psychology &amp; Sports</b>	
<ul style="list-style-type: none"> <li>• Definition &amp; Importance of Psychology in Phy. Edu. &amp; Sports</li> <li>• Define &amp; Differentiate Between Growth &amp; Development</li> <li>• Developmental Characteristics At Different Stage Of Development</li> <li>• Adolescent Problems &amp; Their Management</li> <li>• Define Learning, Laws Of Learning (Law of Readiness; Law of Effect &amp; Law of Exercise) &amp; Transfer Of Learning</li> <li>• Plateau &amp; causes of plateau</li> <li>• Emotion: Concept, Type &amp; Controlling of emotion</li> </ul>	



	<b>Unit-XI: Training In Sports</b>	
	• Meaning & Concept Of Sports Training	
	• Principles Of Sports Training	
	• Warming up & limbering down	
	• Load, Symptoms of Over-load, Adaptation & Recovery	
	• Skill, Technique & Style	
	• Role of Free-play in the development of Motor Component	
	<b>Unit-XII: Doping</b>	
	• Concept & classification of doping	
	• Prohibited Substances & Methods	
	• Athletes Responsibilities	
	• Side Effects Of Prohibited Substances	
	• Ergogenic aids & doping in sports	
	• Doping control procedure	
	<b>Practical: 30 Marks</b>	
	1. Physical Fitness (AAHPER) - 10 Marks	
	2. Skill of any one Individual Game of choice - 10 Marks	
	3. Viva - 05 Marks	
	4. Record File - 05 Marks	

**SWARNPRASTHA PUBIC SCHOOL, SONEPAT**  
**SYLLABUS FOR FINAL EXAMINATION**  
**CLASS: XI**  
**COMPUTER SCIENCE (PYTHON)**

SNo	Topic	Weightage
1	Getting Started with Python	5
2	Python Fundamentals	5
3	Data Handling	5
4	Conditional & Iterative Statements	5
5	String Manipulation	5
6	List Manipulation	5
7	Tuples	5
8	Dictionaries	3
9	Understanding Sorting	2
10	Computer System overview	3
11	Data Representations	2
12	Boolean Logic	5
13	Relational Database	5
14	Simple Queries in SQL	5
15	Table Creation and Data Manipulation Commands	5
16	Cyber Safety and Computer Security	5
Total (Thory)		70
Practical		30

**CLASS XI (2018 - 19)**  
**SYLLABUS FOR FINAL EXAMINATION**

<b>ENGLISH</b>		
<b>S.No.</b>	<b>TITLE</b>	<b>Marks</b>
<b>SECTION – A : READING</b>		<b>20</b>
	1. READING COMPREHENSION	12
	2. NOTE MAKING	08
<b>SECTION B : WRITING SKILLS AND GRAMMAR</b>		<b>30</b>
	3. Short Answer Questions: Based on notice/ poster/ advertisement	4
	4. Letters	6
	(a) business or official letters (enquiry, reply to enquiry, placing orders, cancelling orders, registering complaints)	
	(b) letters to the editor	
	(c) application for a job with a bio-data	
	(d) letter to the school or college authorities, regarding admissions, school issues, requirements / suitability of courses, etc.	
	5. Article/speech/report writing	10
	GRAMMAR	
	6. Determiners, tenses, clauses, modals and Change of Voice.	10
<b>SECTION C: LITERATURE</b>		<b>30</b>
	. Extract from a poem (3 Very Short Answer Questions out of four - Based on an extract from poetry to test reference to context comprehension and appreciation) (1x3)	
	8. Questions from the following texts to test comprehension at different levels , like literal, inferential and evaluative:-	
	1. Hornbill: Textbook (Lessons not to be tested – Landscape of the Soul, The Adventure)	
	2. Snapshots: Supplementary Reader (Lesson not to be tested -Mother’s Day)	
	{3 Short Answer Questions out of four (2 questions should be from Hornbill ) - Based on prose, poetry and plays from both the texts.}	(3x3=9)
	9. One Long Answer Question out of two from Hornbill (to be answered in120-150 words)	6
	10. One Long Answer Questions out of two from Snapshots (to be answered in120-150 words)	6
	11. One Long Answer Question out of two from Hornbill (to be answered in120-150 words) - Based on understanding appreciation, analysis and interpretation of the characters/events/episodes/incidents	6
<b>Assessment of Listening and Speaking Skills</b>		<b>20</b>























