BK BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
SENIOR SECONDARY CO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL

MID TERM EXAM (2024-25)
(14.09.24 – 26.09.24)
Syllabus and Blueprint

Grade XI

ENGLISH

		Grade XI					
		1	2	3	5	6	
Reading	Three Unseen Passages	10+8+8					26
Writing	Notice writing, Article Writing, Invitation Writing.			2	2		16
Grammar	Substitution and Omission, Rearrangement of sentences, Tenses	7					7
Literature	The Portrait of a Lady, A Photograph, The Summer of the Beautiful Whit Horse, We're Not Afraid to Die... if we Can be Together, The Address, Discovering the Tut: The Saga continues, Mother's Day (Drama).	3+3+4	3	1		2	31
		43	6	9	10	12	80

MATHEMATICS

S.No.	Chapter name	MCQ (01)	ARQ (01)	CB(IU) (01/02)		VSA (02)	SA (03)	LA (05)	Total (80)
				01	02				
1.	Sets	3(1)		2(1)	1(2)	1(2)	1(3)	1(5)	17
2.	Relation and Function	3(1)	1(1)	2(1)	1(2)	1(2)	1(3)		13
3.	Trigonometric Functions	3(1)				1(2)	1(3)	1(5)	13
4.	Complex Number	3(1)	1(1)	2(1)	1(2)	1(2)	1(3)		13
5.	Linear In equations	3(1)				1(2)	1(3)	1(5)	13
6.	Permutation and Combination	3(1)					1(3)	1(5)	11
	Total	18	2	6	6	10	18	20	80

APPLIED MATHEMATICS

S.NO	CHAPTER NAME	MCQ(1)	A&R(1)	VSA(02)	SA(03)	LA(5)	CSB(4)	TOTAL
1.	BINARY OPERATIONS	3		1		1		10
2.	INDICES AND LOGARITHMS	3		1	1			08
3.	QUANTIFICATION AND NUMERICAL APPLICATION	3		1	1		1	12
4.	SEQUENCE AND SERIES	3			1	1	1	15
5.	PERMUTATION AND COMBINATION	2		1	1		1	11
6.	SETS AND RELATIONS	2	1	1		1		10
7.	FUNCTIONS	2	1		2	1		14
	Total	18	2	10	18	20	12	80

PHYSICS

Sl. No.	Chapter's name	1M (MCQ)	1M (A/R)	2M	3M	Case study-4 M	5M	Total (marks)
1	Units and measurement	3	---	1	1 or1	---	---	**5 (8)**
2	Motion in a straight line	2	---	---	2	1 (1+1+1+1 or1)	---	**5 (12)**
3	Motion in a plane	2	1	1 or1	1	---	1 or1	**6 (13)**
4	Laws of motion	2	1	1	1	---	1 or1	**6 (13)**
5	Work, energy and power	2	1	1	1	1 (1+1+1+1 or1)	---	**6 (12)**
6	System of particles and rotational motion	1	1	1	1	---	1 or1	**5 (12)**
	Total	**12 (12)**	**4 (4)**	**5 (10)**	**7 (21)**	**2 (8)**	**3 (15)**	**33 (70)**

CHEMISTRY

Unit No	Name of the unit	1 Mark (mcq)	1 Mark (A/R)	2 Marks Q's	3 Marks Q's	4 Marks CASE BASED Q's	5 Marks Q's	Total
1	Some Basic Concepts of Chemistry	3(1)	1(1)	2(2)	2(3)			8(14)
2	Structure of Atom	4(1)	1(1)	1(2) or **1(2)**	2(3)	1(4)	1(5)or **1(5)**	10(22)
3	Classification of Elements and Periodicity in Properties	3(1)	1(1)	1(2)	1(3) or **1(3)**	1(4)	1(5)or **1(5)**	8(18)
4	Chemical Bonding and Molecular Structure	2(1)	1(1)	1(2)	2(3)		1(5) or **1(5)**	7(16)
	Total	**12(12)**	**4(4)**	**5(10)**	**7(21)**	**2(8)**	**3(15)**	**33(70)**

BIOLOGY

Sl. No.	Chapter's name	1M (MCQ)	1M (A/R)	2M	3M	Case study - 4 M	5M	Total (marks)
1	Biological Classification	2	-	1	1	-	-	**4(7)**
2	Plant Kingdom	2	-	1	1	-	-	**4(7)**
3	Animal Kingdom	1	-	1	1	-	1 or 1	**4(11)**
4	Morphology of flowering plants	2	1	1	1	-	-	**5(8)**
5	Anatomy of flowering plants	2	-	-	1	1 (1+1+2or1)	-	**4(9)**
6	Structural organisation in animals	1	1	-	1	-	1 or 1	**4(10)**
7	Cell: The unit of life	1	1	1	-	-	1 or 1	**4(9)**
8	Biomolecules	1	1	-	1	1 (1+1+2or1)	-	**4(9)**
	TOTAL	**12 (12)**	**4 (4)**	**5 (10)**	**7 (21)**	**2 (8)**	**3 (15)**	**33(70)**

ACCOUNTANCY

Sr.No.	Chapter	Topic	1 Mark (MCQ)	3 Marks (SA–I)	4Marks (SA-II)	6 Marks (LA)	Total
1	CH-1	Introduction to Accounting	1	1	-	1	10
2	CH-2	Basic accounting Terms	2	-	1	-	6
3	CH-3	Theory Base of Accounting	2	-	1	-	6
4	CH-4	Bases of Accounting	1	-	1	-	5
5	CH-5	Accounting Equation	1	1	-	1	10
6	CH-6	Accounting Procedures-Rules of Debit and Credit	2	1	-	-	5
7	CH-7	Origin of Transactions: Source of documents & Preparation of vouchers	3	1	-	-	6
8	CH-8	Journal	3	1	-	2	18
9	CH-9	Ledger	3	1	-	-	6
10	CH-10	Special purpose Book I- cash book	2	-	-	1	8
		TOTAL	1x20=20	3x6=18	4x3=12	6x5=30	80

ECONOMICS

Sr. No.	Unit	Topic	1 mark (MCQ)	3 Marks SA Type I	4 Marks SA Type II	6 Marks LA type	Total
SECTION – A (MICROECONOMICS) **MARKS (NO. OF QUESTIONS)**							
1.	4	INTRODUCTION PRODUCTION POSSIBILITY CURVE	1(3)	---	4(1)	6(1)	13(5)
2.	5	DEMAND ELASTICITY OF DEMAND	1(4)	3(1)	4(1)	6(1)	17(7)
3.	6	PRODUCER BEHAVIOUR COST REVENUE	1(6)	---	4(2)	6(1)	20(9)
SECTION – B (STATISTICS FOR ECONOMICS)							
5.	1	INTRODUCTION TO STATISTICS	1(3)	3(1)	4(1)	---	10(5)
6.	3	STATISTICAL TOOLS	1(4)	3(2)	4(1)	6(1)	20(8)
			20(20)	12(4)	24(6)	24(4)	80(34)
Note: There will be Internal Choice in questions of 3 marks, 4 marks and 6 marks in sections A & B							

BUSINESS STUDIES

Sr. No.	Chapter/Unit	Topic	1 Mark (MCQ) & (ARQ)	3 Marks (SATQ – I)	4 Marks (SATQ-II)	6 Marks (LATQ)	Total
1	CH 1.	Evolution and Fundamentals of Business	4	1	---	1	13
2	CH 2.	Forms of Business organizations	4	1	1	1	17
3	CH 3.	Public, Private and Global Enterprises	2	1	1	1	15
4	CH 4.	Business Services	5	1	2	----	16
5	CH 5.	Emerging Modes of Business	3	-----	1	1	13
6	CH 6.	Social Responsibility of Business and Business Ethics	2	-----	1	-----	6
		TOTAL	1X20=20	3X4= 12	4X6 =24	6X4= 24	80

BUSINESS ADMINISTRATION

Sr.No.	Chapter/Unit	Topic	1 Mark (MCQ)	2Marks (SA–I)	3Marks (SA-II)	4Marks (LA)	Total
1	UNIT-1	Introduction to Business Operations	9	1	1	-	14
2	UNIT-2	Business Environment	9	1	1	-	14
3	UNIT-3	Products and Services	1	1	-	1	7
4	UNIT-4	Types of Organisation	2	2	-	1	10
5	UNIT-5	Formation of Partnership firm and Joint stock company	9	1	-	1	15
		TOTAL	1x30=30	2x6=12	3x2=6	4x3=12	60

ENTREPRENEURSHIP

Sr. No.	Chapter/Unit	Topic	1 Mark (MCQ) & (ARQ)	2 Marks (SATQ – I)	3 Marks (SATQ- II)	5 Marks (LATQ)	Total
1	CH 1.	Entrepreneurship: Concept and Functions	4	1	1	1	14
2	CH 2.	An Entrepreneur	6	2	2	1	21
3	CH 3.	Entrepreneurship Journey	6	2	2	2	26
4	CH 4.	Entrepreneurship as Innovation and Problem Solving	2	1	-	1	9
		TOTAL	1X18=18	2X6=12	3X5 =15	5X5=25	70

ARTIFICIAL INTELLIGENCE

PART A - EMPLOYABILITY SKILLS (10 MARKS):

SR NO	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	
1	Communication Skills - III	2	1	3
2	Self Management Skills - III	1	1	2
3	ICT Skills - III	1	1	2
4	Entrepreneurial Skills - III	1	1	2
5	Green Skills - III	1	1	2
	TOTAL QUESTIONS	6	5	11
	NO. OF QUESTIONS TO BE ANSWERED	Any 6	Any 3	
	TOTAL MARKS	1 X 4 = 4	2 X 3 = 6	10 MARKS

PART B - SUBJECT SPECIFIC SKILLS (40 MARKS):

S NO	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER QUESTIONS	LONG ANSWER QUESTIONS	VERY LONG ANSWER QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	3 MARKS EACH	4 MARKS EACH	
1	Introduction to AI, Domains of AI	3	1	1	1	6
2	Unlocking your future of AI , Career in AI,	3	1			4
3	Python Programming (Python Basics, Flow of Control & Conditions, CSV files, Numpy, pandas)	3	2	1	1	7
4	Introduction to Capstone project, Framework for the capstone project	3	1		1	5
5	Data Literacy - Data Collection to data Analysis, Data Analysis and Visualization, Matrices	3	1	1	1	6
	TOTAL QUESTIONS	15	6	3	4	28
	NO. OF QUESTIONS TO BE ANSWERED	Any 12	Any 5	Any 2	Any 3	
	TOTAL MARKS	1 X 12 = 12	2 X 5 = 10	3 X 2 = 6	4 X 3 = 12	40 MARKS

INFO TECH

PART A - EMPLOYABILITY SKILLS (10 MARKS):

SR NO	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	
1	Communication Skills - III	3	3	6
2	Self Management Skills - III	3	2	5
TOTAL QUESTIONS		6	5	11
NO. OF QUESTIONS TO BE ANSWERED		Any 4	Any 3	
TOTAL MARKS		1 X 4 = 4	2 X 3 = 6	10 MARKS

PART B - SUBJECT SPECIFIC SKILLS (50 MARKS):

SR NO	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER QUESTIONS	LONG ANSWER QUESTIONS	VERY LONG ANSWER QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	3 MARKS EACH	4 MARKS EACH	
1	Fundamentals of Computer	4	1		1	6
2	Components of Computer	4	1			5
3	Operating System	4		1		5
4	Troubleshooting	4	1		1	5
5	Utilities	4		1		5
6	Computer networking	4	1		1	6
7	Internet and its Terminology	4		1	1	6
8	Cyber Threats and Cyber security	4	1		1	6
TOTAL QUESTIONS		32	5	3	5	
NO. OF QUESTIONS TO BE ANSWERED		Any 26	Any 3	Any 2	Any 3	
TOTAL MARKS		1 X 26 = 26	2 X 3 = 6	3 X 2 = 6	4 X 3 = 12	50 MARKS

HISTORY

CHAPTER NO.	NAME OF CHAPTERS	MARKS (NUMBER OF QUESTIONS)					TOTAL MARKS
		1(MCQ'S)	3(Short Answer)	4 (Case Study)	8(Long Answer	5 (Map)	
1	Writing and City Life	5	3	1			18
2	An Empire Across Three Continents	5	1		1	1	21
3	Nomadic Empires	5	1	1	1		20
4	The Three Orders	6	1	1	1		21
	TOTAL	**21**	**18**	**12**	**24**	**5**	**80**

PSYCHOLOGY

CLASS-XI MID-TERM EXAMINATION 2024-25 (037) SUB-PSYCHOLOGY								
CHAPTER NO.	CHAPTER NAME	MARKS (NUMBER OF QUESTIONS)						TOTAL MARKS
		1(MCQ'S)	2(Very Short Answer-I)	3(Short Answer-II)	4(Long Answer-I)	6(Long Answer-II)	3(Case study)	
1	**What is Psychology?**	3	2		1		1	14
2	**Methods of Enquiry in Psychology**	3	1	1		1		14
3	**Human Development**	3	1	1	1		1	15
4	**Sensory, Attentional and Perceptual Processes**	3	1	1	1	1		18
5	**Learning**	3	1		1			9
	TOTAL	**15**	**12**	**9**	**16**	**12**	**6**	**70**

POLITICAL SCIENCE

CHAPTER NO.	NAME OF CHAPTERS	MARKS (NUMBER OF QUESTIONS)					TOTAL MARKS
		1(MCQ'S)	2(Short Answer)	4(Short Answer)	4 (Case Study)	6(Long Answer	
1	Constitution: Why and How?	1	1	1	1		11
2	Rights in the Indian Constitution	2	2	1			10
3	Election and Representation	2	2	1			10
4	Executive	2		1		1	12
5	Legislature	2		1		1	12
6	Judiciary	1	1		1	1	13
7	Political Theory: An Introduction	2			1	1	12
	TOTAL	12	12	20	12	24	80

PHYSICAL EDUCATION

Sr.no	Topic	MCQ (1)	Very short answer (2)	Short answer (3)	Case study (4)	Short Answer (5)	Total marks
1	Changing trends and careers in physical education	04	01	1	02	01	22
2	Olympic Value Education	03	01	01			08
3	Yoga	05	01		01		11
4	Physical Education and Sports for Children with Special Needs	03	02	01		01	15
5	Physical Fitness, Health, and Wellness	03		02		01	14
	TOTAL	18	10	15	12	15	70

PAINTING/FINE ARTS

UNIT	MCQ	2M	6M	Total
CH-9 Evolution of the Indian National Flag	1	1		3M
CH-10 Modern Trends in Indian Art	2	1		4M
CH-11 Painting of the Contemporary (Modern) Indian Art	5	3	2	23M
Total	8M	10M	12M	30M