



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 XII

ENGLISH

		MCQ/ VSAQ 1	VSAQ 2	LAQ 4	VLAQ 5	
Reading	Two unseen Passages	12+10				22
Writing	Notice Formal/Informal Invitation and Reply, Letter Writing, Article/ Report Writing			2	2	18
Literature	My Mother at 66 Keeping Quiet A Thing of Beauty A Roadside Stand The Last Lesson The Third Level Lost Spring Deep Water The Tiger King The Rattrap Journey to the End of the Earth Indigo The Enemy	6+4+6	5+2		2	40
		38	14	8	20	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.	Relation and Function	2(1)				1(2)	1(3)	1(5)	12
2.	Inverse Trigonometry	2(1)	1(1)	2(1)	1(2)	1(2)			09
3.	Matrices	3(1)					1(3)		06
4.	Determinants	3(1)		2(1)	1(2)		1(3)	1(5)	15
5.	Continuity and Derivatives	3(1)	1(1)			1(2)	1(3)	1(5)	14
6.	Application of derivatives	3(1)		2(1)	1(2)	1(2)	1(3)	1(5)	17
7	Integration	2(1)				1(2)	1(3)		07
	Total	18	2	6	6	10	18	20	80

APPLIED MATHEMATICS

S.No.	Chapter name	MCQ (01)	ARQ (01)	CB(IU) (01/02)		VSA (02)	SA (03)	LA (05)	Total (80)
				01	02				
1.	Numbers, Quantification and Numerical applications	3(1)				1(2)		1(5)	10
2.	Numerical Inequalities	3(1)	1(1)	2(1)	1(2)	1(2)	1(3)		13
3.	Algebra of Matrices	2(1)				1(2)	1(3)	1(5)	12
4.	Determinants	2(1)		2(1)	1(2)	1(2)	1(3)		11
5.	Time Series	3(1)					1(3)		06
6.	Financial Mathematics	3(1)	1(1)			1(2)	1(3)	1(5)	14
7.	Linear Programming	2(1)		2(1)	1(2)		1(3)	1(5)	14
	Total	18	2	6	6	10	18	20	80

PHYSICS

Sl. No	Chapter's name	1M (MCQ)	1M (A/R)	2M	3M	Case study - 4 M	5M	Total (Marks)
1.	Electric fields and charges	1	1	1	1 or1	---	---	4(7)
2.	Electrostatic potential and capacitance	1	---	1	---	---	1 or 1	3 (8)
3.	Current electricity	1	1	1		1 (1+1+1+1 or1)	---	4(8)
4	Moving charges and magnetism	2	---	---	1	---	1 or 1	4 (10)
5	Magnetism and matter	1	1	---	1	---	---	3 (5)
6	Electromagnetic Inductions	1	1	---	1	1 (1+1+1+1 or1)	---	4 (9)
7	Alternating Currents	2	---	---	1	---	1 or 1	4 (10)
8	Electromagnetic waves	1	---	1	1	---	---	3 (6)
9	Ray Optics and Optical Instruments	2		1 or1	1			4 (7)
Total		12 (12)	4 (4)	5 (10)	7 (21)	2 (8)	3 (15)	33 (70)

CHEMISTRY

Chapters	Passage type(4)	MCQ (1)	ASSERTION/REASON(1)	SA TYPE(2)	S A TYPE(3)	LA TYPE (5)	Total
1.Solution		2	1	1	1 Or1		5(8)
2.Electrochemistry		2		1	1	1Or1	5(12)
3.Chemical kinetics	1	2	1	1 OR 1	1		6(12)
4.d-f block elements		2	1	1	1	1or 1	6(13)
5.Co-ordination compound	1	2	1	1	1		6(12)
6.Haloalkane and Haloarene		2			2	1Or1	5(13)
TOTAL	2(8)	12(12)	4(4)	5(10)	7(21)	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	Sexual reproduction in flowering plants	2	-	1	1	-	-	4(7)
2	Human reproduction	2	1	-	1	-	1 or 1	5(11)
3	Reproductive health	1	-	1	1	-	-	3(6)
4	Principles of inheritance and variation	2	-	1	1	-	1 or 1	5(12)
5	Molecular basis of inheritance	2	-	-	1	1 (1+1+2or1)	-	4(9)
6	Evolution	1	1	1	1	-		4(7)
7	Human health and disease	1	1	1	-	-	1 or 1	4(9)
8	Microbes in human welfare	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/Unit	Topic	1 Mark (MCQ) & (ARQ)	3 Marks (SATQ -I)	4 Marks (SATQ- II)	6 Marks (LATQ)	Total
1	<u>CH 1.</u>	PART A Partnership Fundamental	2	---	---	1	8
2	<u>CH 2.</u>	Goodwill	2	1	----	---	5
3	<u>CH 3.</u>	Change in Profit sharing ratio	4	-----	1	-----	8
4	<u>CH 4.</u>	Admission of a Partner	3	1	----	1	12
5	<u>CH 5.</u>	Retirement and Death of a Partner	3	2	----	1	15
6	<u>CH 6.</u>	Dissolution of a Partnership firm	2	----	1	1	12
7	<u>CH 1.</u>	PART B Financial Statement and Financial Statement Analysis	3	1			6
8	<u>CH 2.</u>	Accounting Ratios	----	1	1		7
9	<u>CH 3.</u>	Cash Flow Statement	1	----	----	1	7
		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 (MACROECONOMICS)							
MARKS (NO. OF QUESTIONS)							
1	2	MONEY AND BANKING	4	---	---	1	10
2	3	DETERMINATION OF INCOME AND EMPLOYMENT	4	2	1	1	20
3	4	GOVERNMENT BUDGET AND THE ECONOMY	2	---	2	---	10
4	5	BALANCE OF PAYMENTS	1	1		1	10
SECTION – B (INDIAN ECONOMIC DEVELOPMENT)							
5	6	DEVELOPMENT EXPERIENCE (1947-90) ECONOMIC REFORMS SINCE 1991	6	---	2	1	20
6	7	CURRENT CHALLENGES FACING THE INDIAN ECONOMY (HUMAN CAPITAL FORMATION)	3	1	1	---	10
			20	12	24	24	80

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	3 Marks	4Marks	6 Marks	Total
			(MCQ)	(SA –I)	(SA-II)	(LA)	
1	CH-1	Nature and Significance of Management	2	-	1	1	12
2	CH-2	Principles of Management	4	-	1	-	8
3	CH-3	Business Environment	2	-	1	-	6
4	CH-4	Planning	3	1	-	1	12
5	CH-5	Organising	3	1	1	-	10
6	CH-6	Staffing	3	1	-	1	12
7	CH-7	Directing	2	-	1	1	12
8	CH-8	Controlling	1	1	1	-	8
		TOTAL	1x20=20	3x4=12	4x6=24	6x4=24	80

INFORMATICS PRACTICES

SR NO	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER QUESTION S	LONG ANSWER QUESTIONS	VERY LONG ANSWER QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	3 MARKS EACH	4 MARKS EACH	
1	Python Pandas -I	2	1	1	--	4
2	Python Pandas -II	2	1	1	--	4
3	Importing/ Exporting data between CSV files/MySQL and Pandas	1	1	1	1	4
4	Plotting with Pyplot	1	1	--	1	3
5	MySQL Revision Tour	2	1	1	1	5
6	MySQL Functions	2	1	1	1	5
7	Querying Using SQL	2	1	1	--	4
8	Joins & Set Operations	1	--	1	1	3
9	Introduction to Computer Networks	2	1	--	1	4
TOTAL QUESTIONS		15	8	7	6	36
TOTAL MARKS		1 X 15 = 15	2 X 8 = 16	3 X 7 = 21	6 X 3 = 18	70 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	Bricks, Beads, and Bones	3	1			1	11
2	Kings, Farmers, and Towns	3	1		1		14
3	Kinship, Caste, and Class	3	1	1			10
4	Thinkers, Beliefs, and Buildings	3	1		1		14
5	Through the Eyes of Travellers	3	1	1			10
6	Bhakti- Sufi Traditions	3	1	1			10
7	An Imperial Capital – Vijayanagar	3			1		11
TOTAL		21	18	12	24	5	80

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	Variations in Psychological Attributes	3	2		1		1	14
2	Self and Personality	3	1	1		1		14
3	Meeting Life Challenges	3	1	1	1		1	15
4	Psychological Disorders	3	1	1	1	1		18
5	Therapeutic Approaches	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	The End of Bipolarity	1	1	1	1		11
2	Contemporary Centres of Power	2	2	1			10
3	Contemporary South Asia	2	2	1			10
4	International Organizations	2		1		1	12
5	Security in the Contemporary World	2		1		1	12
6	Environment and Natural Resources	1	1		1	1	13
7	Globalisation	2			1	1	12
	TOTAL	12	12	20	12	24	80

PHYSICAL EDUCATION

CHAPTER NAME	MARKS					TOTAL QUESTIONS	TOTAL MARKS
	MCQ-1	2	3	4	5		
1. MANAGEMENT OF SPORTING EVENTS	3	1/2	1	---	1	7	13
2. CHILDREN & WOMEN IN SPORTS	4	2	1	1	---	8	15
3. YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE	3	---	1	1	1	6	15
4. CHILDREN WITH SPECIAL NEEDS (CWSN)	5	---	1/2	1	---	8	12
5. SPORTS AND NUTRITION	3	2	1	---	1/2	8	15
TOTAL ATTEMPTED QUESTIONS	18	5	5	3	3	34	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