B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL

GRADE XI

PERIODIC TEST 2

Blueprint and Syllabus

(17.11.26 – 25.11.26)

ENGLISH CORE (301)

Typology		MCQ/ VSAQ 1 Mark	SAQ 2 Mark	VLAQ 4 Marks	Total
Reading	Unseen Passage	7			7
Writing	Article Writing			1	4
Literature	1. Birth 2. Voice of the Rain 3. Tale of Melon City	4	3	1	14
Total		11 x 1 = 11	2 x 3 = 6	2 x4 = 8	25

MATHEMATICS

Chapter	**1M**	**2M**	**3M**	**5M**	**Case Study**	**Total Marks**
Trigonometric Functions	2	–	1	1	–	10
Complex Numbers	2	1	1	–	–	7
Sequence & Series	2	1	–	–	1	8
TOTAL	**6**	**4**	**6**	**5**	**4**	**25**

APPLIED MATHEMATICS

Sl. No.	Chapters	1 Marks MCQ	2 Marks VSA	3 Marks SA	TOTAL
1.	Binary Numbers, Indices and Logarithms	3	3	3	18
2.	Averages, Time, work and Distances	2	1	1	07
TOTAL		5 x 1 = 5	2 x 4 = 8	3 x 4 = 12	25

PHYSICS

Ch No	Chapter's Name	1M (MCQ)	2M	3M	**Total (Marks)**
5	Work, Energy and Power	3	2	2	**7(13)**
6	System of Particles and Rotational Motion	2	2	2	**6(12)**
	Total	**5 (5)**	**4 (8)**	**4 (12)**	**13(25)**

CHEMISTRY

Sl. No	Chapter's name	1M (MCQ)	2M	3M	**Total (Marks)**
1.	Ch-5 Thermodyanamics	**2(2)**	**1(2)**	**2 (6)**	**5 (10)**
2.	Ch-7 Redox Reaction	**3 (3)**	**3(6)**	**2 (6)**	**8 (15)**
Total		**5 (5)**	**4 (8)**	**4 (12)**	**13 (25)**

BIOLOGY

Chapter no.	Chapter name	1M MCQs	2M Ques	3M Ques	Total 12(25)
L-5	Morphology of flowering plants	2	1	1	4(7)
L-11	Photosynthesis in higher plants	1	1	2	4(9)
L-15	Body fluids and circulation	2	2	1	5(9)
		5(5)	4(8)	4(12)	13(25)

ECONOMICS

Sr. No	**Unit**	**Name of Topic**	**1 mark**	**3 marks**	**4 marks**	**6 marks**	**Total**
1.	**III**	**ARITHMETIC MEAN**	1(3)	3(1)	4(1)		10(5)
2.		**MEDIAN AND MODE**	1(2)	3(1)	4(1)	6(1)	15(5)
			5	6	8	6	25(10)

ACCOUNTANCY

Sr. No	Chapter /Unit	Topic	1 Mark (MCQ) & (ARQ)	3 Marks (SATQ – I)	4 Marks (SATQ- II)	6 Marks (LATQ)	Total
1	CH 9	Ledger	1		1		5
2	CH 10	Special Purpose Book - I	2	1	1		9
3	CH 11	Special Purpose Book - II	2	1		1	11
		TOTAL	5	6	8	6	25

BUSINESS STUDIES

Sr. NO.	NAME OF CHAPTERS	MARKS (NUMBER OF QUESTIONS)				TOTAL MARKS
		1(MCQ)	3(SAQ)	4 (SAQ II)	6 (LAQ)	
1	Social Responsibility of Business and Business Ethics	3	1	1		10
2	Sources of Business Finance	2	1	1	1	15
	TOTAL	5	6	8	6	25

BUSINESS ADMINISTRATION

Sr. No	Chapter /Unit	Topic	1 Mark (MCQ) & (ARQ)	2 Marks (SATQ – I)	3 Marks (SATQ- II)	4 Marks (LATQ)	Total
1	CH 6	BUSINESS CORRESPONDENCE	3	3	1		12
2	CH 7	FUNCTIONAL AREAS OF MANAGEMENT	2	2	1	1	13
		TOTAL	5	10	6	4	25

ENTREPRENEURSHIP

Sr. No	Chapter /Unit	Topic	1 Mark (MCQ) & (ARQ)	2 Marks (SATQ – I)	3 Marks (SATQ- II)	5 Marks (LATQ)	Total
1	CH 4	Unit 4: Entrepreneurship as Innovation and Problem Solving	3	2	1		10

2	**CH 5**	**Understanding the market**	**3**	**2**	**1**	**1**	**15**
		TOTAL	**6**	**8**	**6**	**5**	**25**

POLITICAL SCIENCE

Sr. NO.	NAME OF CHAPTERS	MARKS (NUMBER OF QUESTIONS)					TOTAL MARKS
		1(MCQ'S)	2(V Short Answer)	3 (Short Answer)	5(Long Answer)	5 (Case Based)	
1	**FEDERALISM**	2	1	1	1		12
2	**FREEDOM**	3	1	1		1	13
	TOTAL	**5**	**4**	**6**	**5**	**5**	**25**

ARTIFICIAL INTELLIGENCE

Ch.No	Chapter Name	Objective Type 1 Mark Each	Short Questions 2 Marks Each	Long Questions 3 Marks Each	Total Questions
3	Python Programming	3	4	1	8
4	Introduction to Capstone project	3	3	2	8
5	Data Literacy	4	3	1	8
	Total Questions	10	10	4	
	No. of questions to be answered	7	6	2	
	Total Marks	**7x1=7**	**6x2=12**	**2x3=6**	25

FINE ARTS

UNIT	MCQ (1) SECTION- A	2 Marks SECTION-B	5 Marks SECTION-C	Total Marks
Unit No.7- Indian Temple Sculptures **1.Historical Development of Temple Sculptures with structure and classification.** **2.Study of Indian Temple Sculptures- Descent of Ganga, Trimurti- Sadashiva/ Mahesh Murti, Lakshmi Narayana, Mother and Child.**	**3**	**3**	**1**	**14**
Unit No. 8- **Indian Bronze: An Artistic and Religious Heritage-** **1. Introduction** **2. Types of Bronze Sculptures** **3. Lost Wax- Technique** **4. Famous Indian Bronze Sculptures**	**2**	**2**	**1**	**11**

Total	**5 Marks**	**10 Marks**	**10 Marks**	**25 Marks**

HISTORY

S. NO.	NAME OF CHAPTERS	MARKS (NUMBER OF QUESTIONS)					
		1(MCQ'S)	2(Short Answer)	3(Short Answer)	4(Long Answer	TOTAL MARKS	
1	CHANGING CULTURAL TRADITIONS	5	3	2	2	25	
	TOTAL	5	6	6	8	25	

FMM

Sr. NO.	NAME OF CHAPTERS	MARKS (NUMBER OF QUESTIONS)				TOTAL MARKS
		1(MCQ'S)	2(V Short Answer)	3 (Short Answer)	5(Long Answer)	
1	ETF, Debt and Liquid Funds	6	4	2	1	25
	TOTAL	**6**	**8**	**6**	**5**	**25**

LEGAL STUDIES

Sr. NO.	NAME OF CHAPTERS	MARKS (NUMBER OF QUESTIONS)					TOTAL MARKS
		1(MCQ'S)	2(V Short Answer)	3 (Short Answer)	5(Long Answer)	5 (Case Based)	
1	The Indian Contract Act, 1872	5	2	2	1	1	25
	TOTAL	**5**	**4**	**6**	**5**	**5**	**25**

PHYSICAL EDUCATION

Sr.no	Topic	MCQ (1)	Very short answer (2)	Short answer (3)	Total marks
1.	**Fundamentals of Anatomy, Physiology in Sports**	04	03	01	13
2.	**Fundamentals Of Kinesiology and Biomechanics in Sports**	03	03	01	12
		07	12	06	25