



MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI – 62
PT II SYLLABUS (2026-27)
CLASS X

ENGLISH LANGUAGE & LITERATURE (184)

NAME OF THE BOOK: FIRST FLIGHT (NCERT)

FOOTPRINTS WITHOUT FEET (NCERT)

WORDS AND EXPRESSIONS – II

**TOGETHER WITH – PRACHI EXCELLENCE IN ENGLISH LANGUAGE AND LITERATURE
PRACTICE BOOK**

<u>CHAPTERS</u>	<u>ACTIVITIES</u>
<u>FIRST FLIGHT (PROSE)</u> Ch 7 - Madam Rides the Bus Ch 8 - The Sermon at Benares Ch 9 – The Proposal	1. Create a character comparison chart showing traits of Custard and other characters (bravery vs boasting).
<u>FIRST FLIGHT (POETRY)</u> Poem 6 – Amanda (As per Mid Term) Poem 7 – The Trees (As per Mid Term) Poem 8 – Fog Poem 9 – The tale of Custard the Dragon Poem 10 – For Anne Gregory	2. Prepare a timeline (flowchart) showing Richard Ebright's journey and key qualities that made him successful.
<u>FOOTPRINTS WITHOUT FEET</u> Ch 5 – Footprints without feet (As per Mid Term) Ch 6 – The Making of a Scientist Ch 7 – The Necklace Ch 8 – Bholi Ch 9 – The Book that saved the Earth	3. Design a bus ticket + travel journal entry describing Valli's journey, including fare, route, and her feelings.
<u>WRITING SKILLS</u> Analytical Paragraph	4. Create a thought web (mind map) showing Buddha's teachings on life, death, and suffering with keywords and examples.
<u>GRAMMAR</u> 1. Tenses 2. Reported Speech	
<u>WORDS AND EXPRESSIONS – II</u> Unit 10 & 11	
<u>TOGETHER WITH – PRACTICE BOOK</u> (For Practice)	

BLUE PRINT**ENGLISH LANGUAGE AND LITERATURE (Code No. 184)****Time Allowed – 1 Hour****Maximum Marks – 20**

	1 Mark	2 Marks	3 Marks	4 Marks	Total	Weightage%
Section A: (5 marks)						25
Unseen Passage	5	-	-	-	5	
Section B : (7 marks)				-		35
Analytical Paragraph	-	-	1	-	3	
Grammar	4	-	-	-	4	
Section C: (8 marks)						40
Short Answer Question	-	2	-	-	4	
Long Answer Question	-	-	-	1	4	
Total	9X1=9	2X2=4	1X3=3	4X1=4	20	100

हिंदी (085)**पाठ्यपुस्तक – स्पर्श, संचयन और टुगेदर विथ-सीबीएसई केशन बैंक**

पाठ का नाम	क्रियाकलाप
पाठ्यपुस्तक-स्पर्श भाग-2 काव्य खंड पाठ-8 कर चले हम फ़िदा पाठ-9 आत्मत्राण गद्यखंड पाठ-4 तीसरी कसम के शिल्पकार शैलेंद्र पाठ-7 पतझड़ में टूटी पत्तियाँ (i) गिन्नी का सोना (ii) झेन की देन पाठ-8 कारतूस संचयन पाठ-2 सपनों के-से दिन व्याकरण (As per Mid Term) रचना के आधार पर वाक्य रूपांतरण समास अपठित गद्यांश लघु कथा ईमेल लेखन	- देशभक्ति गायन गतिविधि - भारत की सीमाओं (LOC, LAC, समुद्री सीमाओं) को मानचित्र पर चिह्नित करें। - आत्मत्राण" कविता की थीम या सन्देश पर एक पोस्टर बनाएँ। - शैलेंद्र की प्रसिद्ध फिल्म के प्रसिद्ध गीतों की सूची तैयार करें और किसी एक गीत का समूह गायन करें "पतझड़ में टूटी पत्तियाँ" या "गिन्नी का सोना" का एक अंश हिंदी से अंग्रेजी में अनुवाद। - कारतूस (Gunpowder) में प्रयुक्त रासायनिक तत्वों का अध्ययन करके एकत्रित जानकारी कक्षा में साझा करें । - पुराने समय और आज के बच्चों की दिनचर्या पर चर्चा करेंगे। महत्वपूर्ण प्रश्न:- क्या आधुनिक तकनीक ने बचपन को बदला है? क्या पहले का बचपन अधिक सरल और सुंदर था? - बचपन से जुड़े आँकड़ों का विश्लेषण क्रियान्वयन: छात्र एक सर्वेक्षण करेंगे जिसमें वे पूछेंगे: कितने प्रतिशत बच्चे दिन में 3 घंटे से अधिक मोबाइल चलाते हैं? कितने प्रतिशत बच्चे पुराने पारंपरिक खेल (गिल्ली-डंडा, खो-खो) खेलते हैं? वे इन आँकड़ों को ग्राफ या चार्ट के रूप में प्रस्तुत करेंगे।

**प्रश्न-पत्र का प्रारूप
हिंदी (085)**

समय: 1 घंटे

पूर्णांक: 20

क्रम संख्या	पाठ्यक्रमानुसार इकाइयां	इकाई पर आवंटित अंक	अंक वार प्रश्नों की संख्या			कुल प्रश्न	प्रति शत (%)
			1 अंक	2 अंक	3 अंक		
1	अपठित गद्यांश	5	3	1	-	1	25
2	<u>दुगेदर विथ-सीबीएसई केश्वन बैंक</u> - रचना के आधार पर वाक्य रूपांतरण - समास	2 2	2 2		-	2	20
3	<u>पाठ्यपुस्तक</u> <u>काव्य खंड</u> पाठ-8 कर चले हम फ़िदा पाठ-9 आत्मत्राण <u>गद्यखंड</u> पाठ-4 तीसरी कसम के शिल्पकार शैलेंद्र पाठ-7 पतझड़ में टूटी पत्तियां (i) गिन्नी का सोना (ii) झेन की देन पाठ-8 कारतूस <u>संचयन</u> पाठ-2 सपनों के - से दिन	3 3 2	-	3 1	-	2	40
4	लघु कथा और ईमेल लेखन	3	-		1	1	15
	योग	20	7X1=7	5X2=10	1X3=3	06	100

MATHEMATICS (041/241)**BOOK: MATH (NCERT)**

Name of the chapter	Lab Activity
Chapter12: Surface Areas and Volumes	Combination of 3-D shapes to form real life objects.
Chapter13: Statistics	-
Chapter14: Probability (As per mid- term)	Probability of an event through a double colour card experiment.

BLUE PRINT**MATHEMATICS (041/241)****Time – 1 Hour****Maximum Marks – 20**

S. No	CHAPTER	Objective Questions (1Mark)	Very Short Questions (2Marks)	Short Questions (3Marks)	Source Based Questions (4Marks)	Long Questions (5Marks)	Total Marks	Percentage (%) Weightage
1.	Chapter12: Surface Areas and Volumes	2	1	1	-	-	07	35
2.	Chapter13: Statistics	1		-	-	1	06	30
3.	Chapter14: Probability	1	1	-	1	-	07	35
Total		1X4=4	2X2=4	3X1=3	4X1=4	5X1=5	20	100

SCIENCE (086)**BOOK: NCERT SCIENCE****VIVA EDUCATION PHYSICS****VIVA EDUCATION CHEMISTRY****GATEWAY SCIENCE BIOLOGY**

SUBJECT	CHAPTERS	ACTIVITY / EXPERIMENT
PHYSICS	Ch-12 Magnetic effect of electric current	<u>ACTIVITY</u> - Rapid Fire Quiz Challenge. - Storytelling on Fleming's left-hand rule, Right hand thumb rule or patterns of magnetic fields by current carrying conductor <u>EXPERIMENT</u> - Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. - Determination of the equivalent resistance of two resistors when connected in series and parallel.
BIOLOGY	Ch-7 How do organism reproduce Ch-8 Heredity	As per Mid Term exam. <u>ACTIVITY</u> - Survey and tabularize the data of students on the following hereditary traits: Ear lobes ii. Hair texture iii. Eye colour and prepare the comparative bar graph of the data. - Make a flowchart of monohybrid cross by taking any of your trait that you get either from mother or father.
CHEMISTRY	Ch-3 Metals and non-metals	As per Mid Term exam

BLUE PRINT**SCIENCE (086)****Time – 1 Hour****Maximum Marks – 20**

S.No.	CHAPTERS	Objective Questions (1Mark)	Very Short Questions (2 Marks)	Short Questions (3 Marks)	Source Based Questions (4 Marks)	Long Questions (5 Marks)	Total Marks	Percentage (%) Weightage
1.	Ch-12 Magnetic effect of electric current	1	-	-	-	1	6	35
2.	Ch-7 How do organism reproduce	-	2	-	-	-	4	30
3.	Ch-8, Heredity	-			1	-	4	15
4.	Ch-3, Metals and non -metals	3	-	1	-	-	6	20
Total		1X4=4	2X2=4	3X1=3	4X1=4	5X1=5	20	100

SOCIAL SCIENCE (087)**BOOK: INDIA AND THE CONTEMPORARY WORLD II/ CONTEMPORARY INDIA-II/DEMOCRATIC POLITICS-II/ UNDERSTANDING ECONOMIC DEVELOPMENT**

CHAPTERS	ACTIVITIES / MAP LIST
<u>HISTORY</u> Section 2: Livelihoods, Economies and Societies Ch-4. The Age of Industrialization (Evaluated in the PT examination Only)	Journey Through Machines – Timeline Project A visual timeline should be created to trace the Industrial Revolution: • Inventions (Steam Engine, Spinning Jenny) • Growth of factories • Changes in workers' lives • A mini Flipbook.
<u>POLITICAL SCIENCE</u> Ch-6. Political Parties Ch-7. Outcomes of Democracy	I will cast the vote (Political parties)- Design your own political party - Create a symbol, slogan, and agenda Leader for one day- Take on the role of a leader and: • Identify a problem (school/community) • Suggest solutions • Present action plan
<u>ECONOMICS</u> Ch-1. Development	As per Mid-Term Exam

BLUEPRINT**SOCIAL SCIENCE (087)****Time – 1 Hour****Maximum Marks – 20**

S. No.	Name of the Chapters	MCQ (1 Mark)	Short Type Question (3Marks)	Source Based Question (4 Marks)	Long Question (5 Marks)	Total Marks	Percentage (%) Weightage
1	Ch-4. The Age of Industrialization	2	-	1	-	06	30
2	Ch-6. Political Parties	1	-	-	1	06	30
3	Ch-7. Outcomes of Democracy	1	-	1	-	05	25
4	Ch-1. Development	-	1	-	-	03	15
	Total	1 x 4 =04	3 x 1 = 03	4x2=08	5 x 1 =05	20	100

INFORMATION TECHNOLOGY (402)**BOOK : INFORMATION TECHNOLOGY VERSION 7.0(CODE 402)-10****IT PRACTICAL BOOK -10**

Chapter Name	Activity/Practical
PART A Unit 2 Self-management Skills	MID TERM
Unit 4 Entrepreneurial Skills-I	- Introspect and assess yourself as a future entrepreneur. Think about the entrepreneurial qualities you have read about and analyses your strengths and weaknesses. Write a report on your self-analysis. - Read the success stories of two entrepreneurs to know how they acquired corporate experience and started their ventures. Compile your findings as a project report.
Unit 5 Green Skills –I	Divide the class into 17 groups. Assign a sustainable goal to each of the groups. Let them discuss what they can be as individuals to attain the goal. Each group can share their ideas with the other groups.
Part B Unit III Database Management System	- Design a Library Management System - Inventory Management System
Unit IV Maintain healthy, safe and secure working environment	MID TERM

INFORMATION TECHNOLOGY (402)**Time: 1 Hour****BLUEPRINT****Maximum Marks: 20**

Chapter Name	Objective Type Questions	Short Answer Type Questions	Long Question	Total Questions
	1 Mark Each	2 Marks Each	4 Marks Each	
PART A				
Unit 4 -Entrepreneurial Skills-I	1	1		2
Unit 5 Green Skills –I	1			1
Unit 2 Self-management Skills	1			1
Part B -Unit IV	2	1		3
Maintain healthy, safe and secure working environment				
Unit III - Database Management System	3	2	1	6
Total Marks	1x8=8	2x4=8	4x1=4	20 Marks

ARTIFICIAL INTELLIGENCE (417)**BOOK: A TEXTBOOK OF ARTIFICIAL INTELLIGENCE**

Part-A Employability skills	Activity/Practical
Unit 4 : Entrepreneurial Skills	➤ Introspect and assess yourself as a future entrepreneur. Think about the entrepreneurial qualities you have read about and analyses your strengths and weaknesses. Write a report on your self-analysis. ➤ Read the success stories of two entrepreneurs to know how they acquired corporate experience and started their ventures. Compile your findings as a project report.
Unit 5 : Green Skills	➤ Divide the class into 17 groups. Assign a sustainable goal to each of the groups. Let them discuss what they can be as individuals to attain the goal. Each group can share their ideas with the other groups.
Part-B Subject Specific Skills	
Unit 5: Computer vision	➤ As per Mid-Term
Unit-6 : Natural Language Processing	➤ Activity: Keyword Extraction https://cloud.google.com/natural-language ➤ Activity: Play with chatbots Elizabot - https://www.kuki.ai/ ➤ Cleverbot - https://www.cleverbot.com/ ➤ Singtel - https://www.singtel.com/personal/support
Unit-7 : Advance Python (To be assessed through Practicals)	➤ Link to AI Activities & steps to AI project development considering real life problem statement along with the required dataset. https://docs.google.com/spreadsheets/d/1ZQCTT8RM-l7QfeTzH0n-5wJLBaoiXu7TFM0Pcp31cX0/edit?usp=sharing

ARTIFICIAL INTELLIGENCE (417)**BLUE PRINT****Time Allowed: - 1 hour****Maximum Marks: - 20****PART A - EMPLOYABILITY SKILLS :**

Unit No	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARK EACH	
4	Entrepreneurial Skills	1	-	1
5	Green Skills	1	1	2

PART B - SUBJECT SPECIFIC SKILLS :

Unit No	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS 1 MARK EACH	SHORT ANSWER TYPE QUESTIONS 2 MARK EACH	LONG ANSWER TYPE QUESTIONS 4 MARK EACH	TOTAL QUESTIONS
5	Computer vision	1	1	-	2
6	Natural Language Processing	5	2	1	8
	Total(Marks)	1*8=8	2*4=8	4*1=4	20 (Marks)

ART EDUCATION**BOOK: CANVAS-A BOOK OF FINE ARTS**

1. UNIT- 4 HUMAN FIGURE: Eyes and Ears (Pencil Shading Pg. 40) , Nose and Mouth (Pencil Shading Pg. 41), Hands (Pencil Shading Pg. 42), Feet (Pencil Shading Pg. 43), Head Drawing (Pg. 46), Portrait (Colour Pencil-Pg.53), Sports ((Pen and Ink- Pg.58)

2. UNIT- 5 COMPOSITION: Radha Krishna (Pencil Shading- Pg.66)

3. UNIT- 6 MISCELLANEOUS ART: Madhubani Painting (Pg.71), Warli Art (Pg.73)

HEALTH AND PHYSICAL EDUCATION**BOOK: EARLY YEARS PHYSICAL ACTIVITY FACILITATOR**

Unit 3: FREE-PLAY 1. Describe the importance and purpose of free-play

2. Organize Free-play activities

3. Demonstrate the knowledge of rehabilitation through free-play