



MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI – 62
PT-II Syllabus (2025-26)
CLASS X

ENGLISH LANGUAGE & LITERATURE (184)

NAME OF THE BOOK: FIRST FLIGHT (NCERT)
FOOTPRINTS WITHOUT FEET (NCERT)
WORDS AND EXPRESSIONS - II (NCERT)
TOGETHER WITH – PRACTICE MATERIAL
RACHNA SAGAR)

CHAPTERS

CHAPTERS

FIRST FLIGHT (PROSE)

Ch 7 - Madam Rides the Bus

Ch 8 - The Sermon at Benares

Ch 9 – The Proposal

FIRST FLIGHT (POETRY)

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

FOOTPRINTS WITHOUT FEET

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

WRITING SKILLS

Analytical Paragraph

GRAMMAR

1. Tenses

2. Reported Speech

WORDS AND EXPRESSIONS – II

Unit 9 to Unit 11

TOGETHER WITH – PRACTICE MATERIAL

Unseen Passage

Literature

Writing Skills

Grammar

ACTIVITIES

- How do modern GPS and ticketing systems improve public transport? Would Valli's journey be different today?
- Design a "Bravery Award" certificate for Custard. What would it say?
- If you could invent a scientific gadget to help young researchers, what would it be, and how would it work?

BLUEPRINT

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

पाठ का नाम	क्रियाकलाप
<p>पाठ्यपुस्तक-स्पर्श भाग-2</p> <p>काव्य खंड</p> <p>पाठ-6 वीरेन डंगवाल-तोप (As per Mid Term)</p> <p>पाठ-7 कर चले हम फ़िदा</p> <p>पाठ-8 आत्मत्राण</p> <p>गद्यखंड</p> <p>पाठ-4 तीसरी कसम के शिल्पकार शैलेंद्र</p> <p>पाठ-6 अब कहां दूसरों के दुख से दुखी होने....</p> <p>पाठ-7 पतझड़ में टूटी पत्तियां (i) गित्री का सोना (ii) झेन की देन</p> <p>पाठ-8 कारतूस (As per Mid Term)</p> <p>संचयन</p> <p>पाठ-2 सपनों के-से दिन</p> <p>टुगेदर विथ-सीबीएसई क्लेशन बैंक</p> <ul style="list-style-type: none"> रचना के आधार पर वाक्य रूपांतरण समास पदबंध (As per Mid Term) अपठित गद्यांश लघु कथा ईमेल लेखन 	<ul style="list-style-type: none"> कर चले हम फिदा को गाने के रूप में प्रस्तुति भारत की सीमाओं (LOC, LAC, समुद्री सीमाएँ) और सैन्य रणनीतियों पर चर्चा। महत्वपूर्ण प्रश्न: भारतीय सेना किन देशों के साथ सीमाएँ साझा करती है? किस भौगोलिक क्षेत्रों में सबसे अधिक संघर्ष हुआ है? आत्मत्राण" कविता की थीम पर एक पोस्टर या चित्र बनाएँ। संभावित विषय: आत्मनिर्भरता का संदेश, आत्मरक्षा के प्रतीक भारतीय सिनेमा के स्वर्ण युग (1950-1970) और स्वतंत्रता संग्राम के बीच संबंध का अध्ययन। शैलेंद्र के जीवन से जुड़े स्थानों को मानचित्र पर चिह्नित करें। झेन धर्म के दर्शन और उसकी शिक्षाओं का अध्ययन। "पतझड़ में टूटी पत्तियाँ" या "गित्री का सोना" का एक अंश हिंदी से अंग्रेज़ी में अनुवाद। ब्रिटिश शासन के दौरान भारतीयों की स्थिति और आजादी के बाद के लोकतांत्रिक बदलाव का तुलनात्मक अध्ययन। कारतूस (Gunpowder) में प्रयुक्त रासायनिक तत्वों का अध्ययन। 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

समय: 1 घंटे

पूर्णांक: 20

क्रम संख्या	पाठ्यक्रमानुसार इकाइयां	इकाई पर आवंटित अंक	अंक वार प्रश्नों की संख्या			कुल प्रश्न	प्रतिशत (%)
			1 अंक	2 अंक	3 अंक		
1	अपठित गद्यांश	5	3	1	-	1	25
2	दुगेदर विथ-सीबीएसई केशन बैंक <ul style="list-style-type: none"> रचना के आधार पर वाक्य रूपांतरण समास पदबंध 	2 2	2 2		-	2	20
3	पाठ्यपुस्तक काव्य खंड पाठ-6 कर चले हम फ़िदा पाठ-7 आत्मत्राण पाठ-8 वीरेन डंगवाल-तोप गद्यखंड पाठ-4 तीसरी कसम के शिल्पकार शैलेंद्र पाठ-6 अब कहां दूसरों के दुख से दुखी होने.... पाठ-7 पतझड़ में टूटी पत्तियां (i) गिन्नी का सोना (ii) झेन की देन पाठ-8 कारतूस संचयन 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

BOOK NAME- MATHEMATICS (NCERT)

R.S AGGARWAL

Name of the chapter	Lab Activity
Chapter 5: Arithmetic Progression.	To verify that the given sequence is an arithmetic progression by paper cutting and pasting method.
Chapter 11: Areas Related to Circles	To derive the formula for area of sector of a circle.
Chapter 13: Statistics	-
Chapter 14: Probability (As per mid- term)	-

BLUEPRINT

TIME- 60 MINUTES

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.	Chapter 5: Arithmetic Progression	1	1	-	1	-	07	35
2.	Chapter 11: Areas Related to Circles	1	-	1	-	-	04	20
3.	Chapter 13: Statistics	1		-	-	1	06	30
4.	Chapter 14: Probability	1	1	-	-	-	03	15
Total		1X4=4	2X2=4	3X1=3	4X1=4	5X1=5	20	100

SCIENCE (086)

NAME OF THE BOOK: NCERT
SCIENCE GATEWAY SCIENCE
PHYSICS GATEWAY SCIENCE
CHEMISTRY VIVA EDUCATION
BIOLOGY

SUBJECT	CHAPTERS	ACTIVITY / EXPERIMENT
PHYSICS	Ch-12 MAGNETIC EFFECT OF ELECTRIC CURRENT	<u>ACTIVITY</u> <ul style="list-style-type: none">• Design an infographic highlighting key milestones in the history of electricity discovery and development.• Perform dialogue delivery on magnetism rules. <u>EXPERIMENT</u> <ul style="list-style-type: none">• 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	<u>ACTIVITY</u> <ul style="list-style-type: none">• Fertilization Fusion: Create and perform a song/ poem/ small role play about fertilization and zygote formation.• Create a visual collage showcasing the different methods of reproduction, such as binary fission, budding, and sexual reproduction.• Slogan writing on social boons on gender in our society. <u>EXPERIMENTS</u> <p>Studying binary fission in amoeba and budding in yeast and hydra with the help of permanent slides.</p> <ul style="list-style-type: none">• Identification of the different parts of an embryo of a dicot seed.
CHEMISTRY	Ch-2 ACIDS, BASES AND SALTS	(AS PER MID TERM)
	Ch-4 CARBON & ITS COMPOUNDS	(AS PER MID-TERM)

BLUEPRINT**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	-	1	-	7	35
2.	Ch-7 How do organism reproduce	1	-	-	-	1	6	30
3.	Ch-2, acids, bases and salts	1	1				3	15
4.	Ch-4, Carbon & its compounds	1	-	1			4	20
Total		1X4=4	2X2=4	3X1=3	4X1=4	5X1=5	20	100

SOCIAL SCIENCE (087)

NAME OF THE BOOK: India and the Contemporary World-II/Contemporary India- II/

Democratic Politics-II/Understanding Economic Development

	ACTIVITIES / MAP LIST/ WORKBOOK
HISTORY Section 2: Livelihoods, Economies and Societies Ch-4. The Age of Industrialization (Evaluated in the PT examination Only)	Timeline-Industrial Phase
GEOGRAPHY Ch-5. Minerals and Energy Resources Ch-6. Manufacturing Industries Ch-1. Development (As per Mid Term)	A. Map Work- 1. Minerals (Identification Only)- a. Iron Ore Mines: Mayurbhanj, Bellary, Durg, Bailadia, Kudremukh b. Coal Mines: Raniganj, Talcher, Bokaro, Neyveli c. Oil Fields: Digboi, Bassien, Naharkatia, Kalol, Mumbai High, Ankaleshwar 2. Power Plants (Location and labelling)- a. Thermal Power Plants-Namrup, Singrauli, Ramagundam b. Nuclear Power Plants-Narora, Kakrapara, Tarapur, Kalpakkam A. Map Work- 1. Cotton Textile Industries: Mumbai, Kanpur, Coimbatore, Indore, Surat 2. Iron and Steel Plants: Durgapur, Bokaro, Jamshedpur, Bhilai, Vijaynagar, Salem 3. Software Technology Parks: Noida, Gandhinagar, Mumbai, Pune, Hyderabad, Bengaluru, Chennai, Thiruvananthapuram
ECONOMICS Ch-4. Globalization and the Indian Economy	Storyline of any product of your choice.
POLITICAL SCIENCE Ch-6. Political Parties Ch-7. Outcomes of Democracy	I will cast the vote (Political parties) Leader for one day

BLUEPRINT

TIME: 1 Hrs.

MAX. MARKS: 20

S. No.	Name of the Chapters	MCQ (1 Mark)	Short Type Question (3 Marks)	Source Based Question (4 Marks)	Long Question (5 Marks)	Total Mark s	Percentage (%) Weight a ge
1	Ch-4. The Age of Industrialization	-	-	1	1	09	45
2	Ch-6. Political Parties	1	-	1	-	05	25
3	Ch-7. Outcomes of Democracy	1	1	-	-	04	20
4.	Ch-1. Development	2	-	-	-	02	10
	Total	1 x 4 =04	3 x 1 = 03	4x2=08	5 x 1 =05	20	100

ARTIFICIAL INTELLIGENCE

BOOK – ARTIFICIAL INTELLIGENCE

Part-A Employability skills	Activity/Practical
Unit 4 : Entrepreneurial Skills	<ul style="list-style-type: none">➤ 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	<ul style="list-style-type: none">➤ 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	<ul style="list-style-type: none">➤ As per Mid-Term
Unit-6 : Natural Language Processing	<ul style="list-style-type: none">➤ Activity: Keyword Extraction https://cloud.google.com/natural-language➤ Activity: Play with chatbots Elizabot - https://www.masswerk.at/elizabot/ Mitsuki - 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)	<ul style="list-style-type: none">➤ Hands-on: Case Walkthrough – Steps involved in project development Link to steps and dataset: https://drive.google.com/drive/u/2/folders/1geFLXxV5890kfcakMfEg_KsH1LPcS_Iz

BLUEPRINT**Maximum Marks: - 20****Time Allowed: - 1 hours****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 ANS. 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)

INFORMATION TECHNOLOGY

BOOK- INFORMATION TECHNOLOGY

Chapter Name	Activity/Practical
PART A Unit 4 Entrepreneurial Skills-I	<ul style="list-style-type: none">• 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 1 Communication Skills II	As per MID TERM
Unit 5 Green Skills –I	<ul style="list-style-type: none">• 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 IV Maintain healthy, safe and secure working environment	<ul style="list-style-type: none">• Fire Safety & Emergency Drill• Activity: - Organize a mock fire drill and demonstrate emergency evacuation procedures.• Write a detailed report on the safety and evacuation plans in place in your school in the case of a fire. Are the fire extinguishers visible? Where do you assemble in an emergency?
Unit 3 Database management system	As per MID TERM

BLUEPRINT

Time: 60 min

Total 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			2
Unit 1 Communication Skills II	1			
Part B Unit IV Maintain healthy, safe and secure working environment	3	2	1	9
Unit 3 Database Management System	2	1		
Total Marks	1x8=8	2x4=8	4x1=4	20 Marks

ART EDUCATION

BOOK – VISUAL ART

TOPIC	PAGE NO.
1. Life Study	78
2. Composition	84,86
3. Modern art	89,90
4. Caricature	94
5. Storyboard	95
6. Poster designing	101
7. Legends who inspire	129
• Raja Ravi Verma	129
• Rabindranath Tagore	131
• Jamini Roy	134
• Leonardo Da Vinci	135
• Claude Oscar Monet	135
• Vincent Willem Van Gogh	

WORK EDUCATION

1. Soap Carving
2. Up cycling Old Clothes into Accessories
3. Cross Stich (Handkerchief)
4. Stencil Art