



MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI – 62
MID TERM 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

FIRST FLIGHT (PROSE)

- Ch 1 – A Letter to God (As per PT I)
Ch 2- Nelson Mandela...Long Walk to Freedom
(As per PT I)
Ch 3- Two Stories About Flying
Ch 4 – From the diary of Anne Frank
Ch 5 – Glimpses of India
Ch 6 - Mijbil the Otter

FIRST FLIGHT (POETRY)

- Poem 1 – Dust of Snow (As per PT I)
Poem 2 – Fire and Ice (As per PT I)
Poem 5 – The Ball Poem
Poem 6 – Amanda
Poem 7 – The Trees

FOOTPRINTS WITHOUT FEET

- Ch 1 – A Triumph of Surgery(As per PT I)
Ch 2 – The Thief's Story
Ch 3- The Midnight Visitor
Ch 4 – A Question of Trust
Ch 5 – Footprints without feet

WRITING SKILLS

1. Formal letter based on a given situation (As per PT I)
2. Analytical Paragraph

GRAMMAR

1. Subject – Verb Concord (PT I)
2. Tenses
3. Modals

WORDS AND EXPRESSIONS – II

Unit 3, 4, 7 & 8

TOGETHER WITH – PRACTICE MATERIAL

Unseen Passage
Literature
Writing Skills
Grammar

ACTIVITIES

ART INTEGRATION

- Imagine you wake up one day and have the ability to **fly like a bird or an airplane**. Write a **diary entry** describing your **first flight experience**.
- Write a poem from the tiger's point of view, expressing its longing for freedom.
- Create an alternative book cover for “**A Question of Trust**” that reflects its main theme.

BLUE PRINT**ENGLISH LANGUAGE AND LITERATURE (Code No. 184)****Maximum Marks – 80****Time Allowed – 3 Hours**

| | 1 Mark | 3 Marks | 5 Marks | 6 Marks | Total | Weightage% |
|---|----------------|----------------|----------------|----------------|--------------|-------------------|
| Section A: (20 marks) | | | | | | 25 |
| Unseen Passage | 20 | | - | | 20 | |
| Section B : (20 marks) | | | | | | 25 |
| Formal Letter | - | | 1 | | 5 | |
| Analytical Paragraph | - | | 1 | | 5 | |
| Grammar | 10 | | - | | 10 | |
| Section C: (40 marks) | | | | | | 50 |
| Reference to the context (First Flight) | 5 | | - | | 5 | |
| Reference to the context (Footprints without feet) | 5 | | - | | 5 | |
| Short Answer Question (First Flight) | - | 4 | - | | 12 | |
| Short Answer Question (Footprints without feet) | - | 2 | | | 6 | |
| Long Answer Question (First Flight) | - | - | - | 1 | 6 | |
| Long Answer Question (Footprints without feet) | - | - | - | 1 | 6 | |
| Total | 40X1=40 | 6X3=18 | 2X5=10 | 2X6=12 | 80 | 100 |

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

| पाठ का नाम | क्रियाकलाप |
|--|--|
| पाठ्यपुस्तक- स्पर्श काव्य खंड पाठ-1 कबीर- साखी (पी टी-1 के अनुसार) पाठ-2 मीराबाई पाठ- 3 मैथिलीशरण गुप्त – मनुष्यता पाठ – 4 पर्वत प्रदेश में पावस पाठ- 5 वीरेन डंगवाल-तोप गद्य खंड पाठ-1 बड़े भाई साहब (पी टी-1 के अनुसार) पाठ-2 डायरी का एक पन्ना पाठ-12. ततारा-वामीरो कथा पाठ-14 अब कहां दूसरों के दुख से दुखी होने.... संचयन पाठ-1 हरिहर काका पाठ -3 टोपी शुक्ला (पी टी-1 के अनुसार) टुगेदर विथ-सीबीएसई केशन बैंक <ul style="list-style-type: none"> रचना के आधार पर वाक्य भेद पदबंध (पी टी-1 के अनुसार) समास मुहावरे (पी टी-1 के अनुसार) अपठित गद्यांश लेखन सूचना लेखन, विज्ञापन लेखन, पत्र और अनुच्छेद लेखन | <ul style="list-style-type: none"> ‘मानवता, दया, परोपकार और सहिष्णुता’ पर एक पोस्टर तैयार करें और इसमें कोई प्रेरणादायक नारा भी जोड़ सकते हैं अपने आसपास के किसी जरूरतमंद व्यक्ति की मदद करें और अपने अनुभव साझा करें। अपनी खुद की वर्षा पर आधारित एक कविता लिखें, जिसमें अपने अनुभवों को व्यक्त करें। वर्षा कैसे होती है?" वर्षा के वैज्ञानिक कारणों पर एक प्रेजेंटेशन तैयार करें। वाद-विवाद प्रतियोगिता- विषय: "शक्ति का वास्तविक स्वरूप: हथियार या विचार?" "क्या हमें पुरानी युद्ध धरोहरों को सहेजना चाहिए?" भारत में इस्तेमाल की गई प्रसिद्ध तोपों पर एक प्रेजेंटेशन या प्रोजेक्ट तैयार करें। उदाहरण: जयपुर की जयबाण तोप, कुंभरगढ़ की तोप, गोलकुंडा की तोपें प्रमुख स्वतंत्रता सेनानियों की जेल में लिखी गई किताबें या पत्र पर चर्चा करें। समूह चर्चा: "क्या हमें आज़ादी आसानी से मिली?" प्रश्न: स्वतंत्रता संग्राम के संघर्ष को देखते हुए, क्या आज की पीढ़ी इसकी कद्र करती है? द्वीप के भौगोलिक पहलुओं, जलवायु, संस्कृति और जनजातीय समुदायों पर प्रोजेक्ट अंडमान-निकोबार द्वीप समूह की जनसंख्या वृद्धि दर की गणना करें और जनसंख्या से जुड़े ग्राफ और चार्ट बनाएँ। एक प्रोजेक्ट बनाइए, जिसमें सोशल मीडिया के सकारात्मक और नकारात्मक प्रभाव दिखाए जाएँ डेटा विश्लेषण: गतिविधि: कितने प्रतिशत लोग सामाजिक सेवा करते हैं? दान और चैरिटी (दानशीलता) से जुड़े आंकड़ों का अध्ययन करें। आज के समाज की तुलना पुराने समय के समाज से करें – क्या मानवीय संवेदना घटी है? "हरिहर काका कहानी पर आधारित नाटक तैयार करें ", जिसमें पारिवारिक लालच और वृद्धों की स्थिति को दिखाया जाए। संपत्ति विवादों को हल करने के लिए भारत सरकार की कौन-कौन सी ऑनलाइन सेवाएँ उपलब्ध हैं , एक प्रस्तुति (Presentation) बनाइए। बॉक्स गेम: अलग-अलग बॉक्स बनाकर छात्रों को दिए गए वाक्यों को सही बॉक्स में डालना होगा <p>मौखिक और लिखित अभ्यास (कार्यपत्रक के माध्यम से) अभिनय के माध्यम से मुहावरों को पूछना और उनका बोर्ड पर लेखन करना।</p> |

हिंदी(085)
प्रश्न-पत्र का प्रारूप

समय: 3 घंटे

पूर्णांक: 80

| क्रम संख्या | पाठ्य क्रमानुसार इकाइयाँ | इकाई पर आवंटित अंक | अंक वार प्रश्नों की संख्या | | | | | कुल प्रश्न | प्रतिशत % |
|-------------|--|-----------------------|----------------------------|-----------------|--------------|--------------|---------------|---------------------|--------------------------------|
| | | | 1 अंक | 2 अंक | 3 अंक | 4 अंक | 5 अंक | | |
| 1 | अपठित गद्यांश | 14 | 6 | 4 | | - | - | 2 | 17.5 |
| 2 | दुर्गेदर विथ-सीबीएसई केशन बैंक <ul style="list-style-type: none"> रचना के आधार पर वाक्य भेद पदबंध समास मुहावरे | 4 4 4 4 | 4 4 4 4 | | | | - | 4 | 20 |
| 3 | पाठ्यपुस्तक- काव्य खंड पाठ-1 कबीर- साखी पाठ-2 मीराबाई पाठ – 3 मैथिलीशरण गुप्त – मनुष्यता पाठ – 4 पर्वत प्रदेश में पावस पाठ-5 वीरेन डंगवाल- तोप गद्यखंड पाठ-10 बड़े भाई साहब पाठ-11 डायरी का एक पन्ना पाठ-12. तताँरा-वामीरो कथा पाठ-14 अब कहां दूसरों के दुख से दुखी होने.... संचयन पाठ-1 हरिहर काका पाठ -3 टोपी शुक्ला | 11 11 6 | 5 5 | 3 3 | | | - | 2 2 1 | 13.75 13.75 07.5 |
| 4 | सूचना लेखन विज्ञापन लेखन पत्र लेखन अनुच्छेद लेखन लघु कथा और ईमेल | 4 3 5 5 5 | - | | 1 | 1 | 1 1 1 | 5 | 27.5 |
| | योग | 80 | 32X1=32 | 10X2= 20 | 3X3=9 | 1X4=4 | 3x5=15 | 16 | 100 |

MATHEMATICS

BOOK- MATHEMATICS (NCERT)

R.S AGGARWAL

| Name of the chapter | Lab Activity |
|--|--|
| Chapter 1: Real numbers (PT-1) | As per PT-1 syllabus |
| Chapter 2 Polynomial | - |
| Chapter 3: Pair of Linear Equations in Two Variables | (a) To solve the different types of systems of linear equations on graph paper. (b) To obtain the condition of consistency of system of equations. |
| Chapter 4: Quadratic Equations | - |
| Chapter 6: Triangles | To prove that the line drawn parallel to one side of a triangle intersecting the other two sides divides them in the same ratio. To verify that “the square of the hypotenuse is equal to the sum of squares of the other two sides in a right triangle.” |
| Chapter 7: Coordinate Geometry (PT-1) | As per PT-1 syllabus |
| Chapter 8: Introduction to Trigonometry | To verify the Trigonometric identity : $\sin^2 \theta + \cos^2 \theta = 1$ |
| Chapter 9: Some Applications of Trigonometry | - |
| Chapter 12: Surface Areas and Volumes | To verify that the surface area of a sphere is four times the area of a circle of the same radius. |
| Chapter 14: Probability | To find the probability of the sum of numbers on a pair of dice through an activity. |

BLUEPRINT**TIME: 3 Hrs.****MAX. MARKS: 80**

| S.No. | CHAPTER S | Objective Questions (1Mark) | Very Short Questions (2 Marks) | Short Questions (3 Marks) | Case Based Questions (4 Marks) | Long Questions (5 Marks) | Total Mark s | Per cent age(%) Weigh tage |
|-------|--|-----------------------------------|--------------------------------------|---------------------------------|---|--------------------------------|--------------------|--|
| 1. | Chapter 1: Real numbers | 2 | 1 | 1 | - | - | 7 | 8.75 |
| 2. | Chapter 2: Polynomials | 2 | - | 1 | - | - | 5 | 6.25 |
| 3. | Chapter 3: Pair of Linear Equations in Two Variables | 2 | 1 | 1 | - | - | 7 | 8.75 |
| 4. | Chapter 4: Quadratic Equations | 2 | 1 | 1 | - | - | 7 | 8.75 |
| 5. | Chapter 6: Triangles | 1 | 1 | - | - | 1 | 8 | 10 |
| 6. | Chapter 7: Coordinate Geometry | 2 | - | 2 | 1 | - | 12 | 15 |
| 7. | Chapter 8: Introduction to Trigonometry | 2 | 1 | - | - | 1 | 9 | 11.25 |
| 8. | Chapter 9: Some Applications of Trigonometry | 1 | - | - | - | 1 | 6 | 7.50 |
| 9. | Chapter 12: Surface Areas and Volumes | 2 | - | - | 1 | 1 | 11 | 13.75 |
| 10. | Chapter 14: Probability | 4 | - | - | 1 | - | 8 | 10 |
| Total | | 1x20=20 | 2x5=10 | 3x6=18 | 4x3=12 | 5x4=20 | 80 | 100 |

SCIENCE (086)

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

| SUBJECT | CHAPTERS | ACTIVITY / EXPERIMENT |
|---------|--|--|
| PHYSICS | Ch-9, Light | <u>ACTIVITY</u> <ul style="list-style-type: none">• To visually represent the dispersion of light and the spectrum.• To demonstrate refraction of light in our daily life.• Draw ray diagrams using thread, bangles, fevicol, old cardboard, or other material of your choice in groups of 4-5 students and present in classroom. <u>EXPERIMENT</u> <ul style="list-style-type: none">• Determination of the focal length of the Concave mirror by obtaining the image of a distant object.• Determination of the focal length of the Convex lens by obtaining the image of a distant object.• Finding the image distance for varying object distance in case of Convex lens and drawing corresponding ray diagrams to show the nature of image formation.• Trace the path of a light ray passing through a rectangular glass slab for different angles of incidence. |
| | Ch-10, Human eye and colourful world (As per PT-1) | |
| | Ch 11-Electricity | <u>ACTIVITY</u> <ul style="list-style-type: none">• Create comic strips that narrate the journey of electricity from generation to household usage, highlighting its importance and safety.• Students conduct a survey within their community to assess electricity usage patterns and suggest conservation measures. <u>EXPERIMENT</u> <ul style="list-style-type: none">• Studying the dependence of potential difference across a resistor on the current passing through it and determine its resistance.• Determination of equivalent resistance of two resistors when connected in series.• Determination of equivalent resistance of two resistors when connected in parallel. |

Ch-6, Control and coordination

Ch-13, Our Environment (As per PT-1)

Ch-8, Heredity

EXPERIMENTS

- To prepare temporary mount of a leaf peel to show stomata.
- To show that carbon-dioxide is given out during respiration

ACTIVITY

- Prepare a science toon illustrating reflex action.
- Create brain emoji's showing functions of different parts of the brain.

ACTIVITY

- 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.
- Use colored balls or buttons to simulate Mendel's monohybrid crosses. Assign different colors to represent dominant and recessive alleles, and perform simulated crosses to observe genotype and phenotype ratios.

BLUEPRINT**Time – 3 Hours****Maximum Marks - 80**

| S. No | CHAPTER S | Objective Questions (1Mark) | Very Short Questions (2 Marks) | Short Questions (3 Marks) | Source Based Questions (4 Marks) | Long Questions (5 Marks) | Total Mark s | Percentage (%) Weightage |
|--------------|--|--|---|--|---|---|-----------------------------|---|
| 1. | Ch-1, Chemical Reactions | 3 | - | 1 | - | - | 6 | 7.5 |
| 2. | Ch-2, Acids, Bases and Salts | 2 | 1 | - | - | 1 | 9 | 11.25 |
| 3. | Ch-3, Metals and Non-Metals | 2 | - | 1 | 1 | - | 9 | 11.25 |
| 4. | Ch-4, Carbon & its compounds | 1 | - | 1 | - | 1 | 9 | 11.25 |
| 5. | Ch-5, Life Processes | 2 | 2 | - | 1 | - | 10 | 12.5 |
| 6. | Ch-6, Control and coordinatio n | 2 | - | 1 | - | - | 5 | 6.25 |
| 7. | Ch-8, Heredity | 2 | 1 | - | - | - | 4 | 5 |
| 8. | Ch-13 , Our Environmen t | 2 | - | 1 | - | - | 5 | 6.25 |
| 9. | Ch-9, Light | 1 | 1 | 1 | 1 | | 10 | 12.5 |
| 10. | Ch-10, Human eye and colourful world | 1 | 1 | - | - | 1 | 8 | 10 |
| 11. | Ch 11- Electricity | 2 | - | 1 | - | - | 5 | 6.25 |
| Total | | 1X20=20 | 2X6=12 | 3X7=21 | 4X3=12 | 5X3=15 | 80 | 100 |

SOCIAL SCIENCE (087)

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

Contemporary India-II/ Democratic Politics-II/

Understanding Economic Development

| CHAPTERS | ACTIVITIES |
|--|---|
| HISTORY Ch-1. The Rise of Nationalism in Europe Ch-2. Nationalism in India Ch-3. The Making of Global World | Map Work (1918 – 1930) for Locating and Labelling / Identification- 1. Indian National Congress Sessions: Calcutta (Sep. 1920), Nagpur (Dec. 1920), Madras (1927) 2. Three Satyagraha Movements: Champaran (Bihar) - Movement of Indigo Planters Kheda (Gujarat) - Peasant Satyagrah Ahmedabad (Gujarat) - Cotton Mill Workers Satyagraha 3. Jallianwala Bagh Incident - Amritsar (Punjab) 4. Chauri Chaura (U.P.) - Calling off the Non-Cooperation Movement 5. Dandi (Gujarat) - Civil Disobedience Movement Report on World War -II and Global Economy |
| GEOGRAPHY Ch-1. Resources and Development Ch-2. Forest and Wildlife Resources Ch-3. Water Resources Ch-4. Agriculture Ch-7. Lifeline of Indian Economy | Map Work-Dams: Salal, Bhakra Nangal, Tehri, Rana Pratap Sagar, Sardar Sarovar, Hirakud, Nagarjuna Sagar, Tungabhadra Map Work-Major areas of Rice and Wheat Largest / Major producer States of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute Map Work-Major Ports: Kandla, Mumbai, Marmagao, New Mangalore, Kochi, Tuticorin, Chennai, Vishakhapatnam, Paradip, Haldia International Airports: Amritsar (Raja Sansi- Sri Guru Ram Das jee), Delhi (Indira Gandhi International), Mumbai (Chhatrapati Shivaji), Chennai (Meenam Bakkam), Kolkata (Netaji Subhash Chandra Bose), Hyderabad (Rajiv Gandhi) |

| | |
|---|---|
| ECONOMICS Ch-1. Development Ch-2. Sectors of the Indian Economy Ch-3. Money and Credit | Story line- Interdependency three sectors Visit to Bank (To be done under the supervision of Parent) |
| POLITICAL SCIENCE Ch-1. Power Sharing (As per PT-1) Ch-2. Federalism (As per PT-1) Ch-3. Gender, Religion and Caste | Express your Feeling- Story of India |

Note: Project work will be assessed in Chapter-3: The Making of Global World and Chapter-7: Lifeline of Indian Economy

BLUEPRINT**TIME: 3 Hrs.****MAX. MARKS: 80**

| S. No. | Name of the Chapters | MCQ (1 Mark) | Very Short Type Question (2 Marks) | Short Type Question (3 Marks) | Long Question (5 Marks) | Source/ Case Based Question (4 Marks) | Map Skill (1 Mark) | Total Marks | Percentage (%) Weightage |
|--------|---|--------------------|------------------------------------|-------------------------------|-------------------------|---------------------------------------|--------------------|-------------|--------------------------|
| 1 | Ch-1. The Rise of Nationalism in Europe | 3 | 1 | - | 1 | - | - | 10 | 12.5 |
| 2 | Ch-2. Nationalism in India | 1 | - | 1 | - | 1 | 2 | 10 | 12.5 |
| 3 | Ch-1. Resources and Development | 1 | 1 | - | - | - | 1 | 04 | 5 |
| 4 | Ch-2. Forest and Wildlife Resources | 1 | - | 1 | - | - | - | 04 | 5 |
| 5 | Ch-3. Water Resources | 1 | - | - | - | 1 | 1 | 06 | 7.5 |
| 6 | Ch-4. Agriculture | - | - | - | 1 | - | 1 | 06 | 7.5 |
| 7 | Ch-1. Development | 1 | - | - | 1 | - | - | 06 | 7.5 |
| 8 | Ch-2. Sectors of the Indian Economy | 2 | 1 | - | - | 1 | - | 08 | 10 |
| 9 | Ch-3. Money and Credit | - | - | 2 | - | - | - | 06 | 7.5 |
| 10 | Ch-1. Power Sharing | 4 | 1 | - | - | - | - | 06 | 7.5 |
| 11 | Ch-2. Federalism | 3 | - | 1 | - | - | - | 06 | 7.5 |
| 12 | Ch-3. Gender, Religion and Caste | 3 | - | - | 1 | - | - | 08 | 10 |
| | Total | 1 x 20 = 20 | 2 x 4 = 08 | 3 x 5 = 15 | 5 x 4 = 20 | 4 x 3 = 12 | 1 x 5 = 05 | 80 | 100 |

ARTIFICIAL INTELLIGENCE (417)

BOOK- ARTIFICIAL INTELLIGENCE

| Part-A Employability skills | Activity/Practical |
|--|---|
| Unit 1: Communication Skills | <ul style="list-style-type: none">➤ Emotional intelligence is the most critical element in communication and helps in conveying our needs, motivation, and opinion effectively. Discuss how feelings and emotions triggered due to an emotional event can hamper the communication.➤ Visit the URL https://www.youtube.com/watch?v=7JZ1v-VwTXg to learn about 7Cs of effective communication. |
| Unit 2: Self-management Skills | <ul style="list-style-type: none">➤ It is important to recognize your stress triggers and find effective ways to manage your stress. Make a note of how you can better under stress and its relationship with you and other. |
| Unit 3: Information and Communication Technology Skills | <ul style="list-style-type: none">➤ As per PT-I |
| Part-B Subject Specific Skills | |
| Unit-1 : Revisiting AI Project Cycle & Ethical Frameworks for AI | <ul style="list-style-type: none">➤ As per PT-I |
| Unit 2 : Advanced concepts of Modeling in AI | <ul style="list-style-type: none">➤ Categories of Machine learning based models: Supervised Learning https://teachablemachine.withgoogle.com/ Unsupervised Learning https://experiments.withgoogle.com/ai/drum-machine/view/➤ Activity: Human Neural Network – The Game Suggested Neural Network Activity: https://experiments.withgoogle.com/ai/drum-machine/view/ |
| Unit 3 : Evaluating Models | <ul style="list-style-type: none">➤ Activity: -Find the accuracy of the AI model➤ Activity: -Build the confusion matrix from scratch➤ Activity: -Calculate the accuracy of the classifier model➤ Activity:-Decide the appropriate metric to evaluate the AI model |
| Unit 4: Statistical Data (To be assessed through Practicals) | <ul style="list-style-type: none">➤ Orange Data Mining Tool: https://orangedatamining.com/download/➤ Activity: MS Excel for Statistical Analysis. Link: https://docs.google.com/spreadsheets/d/1f5G-JXyP7EV2fy1hax47YVaH5gyq8KZy/edit?gid=1552557748#gid=1552557748➤ Case study using Orange data mining (Palmer Penguins). |

| | |
|-------------------------|--|
| | <ul style="list-style-type: none"> ➤ Link: https://drive.google.com/drive/u/0/folders/1fmcRVbilTyUhmUy4DWT1BFsaCoQ2BmF |
| Unit 5: Computer vision | <ul style="list-style-type: none"> ➤ Activities: Game- Emoji Scavenger Hunt https://emojiscavengerhunt.withgoogle.com/ ➤ RGB Calculator: https://www.w3schools.com/colors/colors_rgb.asp ➤ Create your own pixel art https://www.piskelapp.com/ ➤ Create your own convolutions https://setosa.io/ev/image-kernels/ |

BLUEPRINT**Maximum Marks: - 50****Time Allowed: - 2 hours****PART A - EMPLOYABILITY SKILLS (10 MARKS):**

| Unit No | NAME OF THE UNIT | OBJECTIVE TYPE QUESTIONS | SHORT ANSWER TYPE QUESTIONS | TOTAL QUESTIONS |
|---------|---|--------------------------|-----------------------------|-----------------|
| | | 1 MARK EACH | 2 MARK EACH | |
| 1 | Communication Skills | 2 | 1 | 3 |
| 2 | Self-management Skills | 2 | 2 | 4 |
| 3 | Information and Communication Technology Skills | 2 | 2 | 4 |
| | Total Questions | 6 | 5 | 11 |
| | No. of questions to be answered | Any 4 | Any 3 | 10 Marks |

PART B - SUBJECT SPECIFIC SKILLS (40 MARKS):

| 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 |
|---------|---|---|--|---|-----------------|
| 1 | Revisiting AI Project Cycle & Ethical Frameworks for AI | 4 | 1 | 1 | 6 |
| 2 | Advanced concepts of Modeling in AI | 7 | 2 | 2 | 11 |
| 3 | Evaluating Models | 8 | 2 | 1 | 11 |
| 4 | Statistical Data | - | - | - | - |
| 5 | Computer vision | 5 | 1 | 1 | 7 |
| | Total Questions | 24 | 6 | 5 | 35 |
| | No. of questions to be answered | 1 x 20 = 20 | 2 x 4 = 8 | 4 x 3 = 12 | 40 Marks |

INFORMATION TECHNOLOGY

BOOK- INFORMATION TECHNOLOGY

| Chapter Name | Activity/Practical |
|--|--|
| PART A Unit 3 Information and communication technology skills-II | As per PT I |
| Unit 1 Communication skill -II | <ul style="list-style-type: none">Emotional intelligence is the most critical element in communication and helps in conveying our needs, motivation, and opinion effectively. Discuss how feelings and emotions triggered due to an emotional event can hamper the communication.Visit the URLhttps://www.youtube.com/watch?v=7JZ1v-VwTXg to learn about 7Cs of effective communication. |
| Unit 2 Self-Management Skills-II | <ul style="list-style-type: none">It is important to recognize your stress triggers and find effective ways to manage your stress. Make a note of how you can better under stress and its relationship with you and other. |
| Part B Unit - 1 digital documentation (Advanced) | As per PT I |
| Unit II Electronic Spreadsheet (Advanced) | <ul style="list-style-type: none">Create a Monthly Budget TrackerCreate a Sales Report with Data AnalysisCreate Employee Payroll SheetCreate Student Attendance Tracker report Link Click here to explore here |
| Unit III Database Management System | <ul style="list-style-type: none">Design a Library Management SystemInventory Management SystemCreate a Personal Finance TrackerReal-World Database Analysis Link Click here to explore here |

BLUEPRINT**Max. Time: 2 Hours****Max. Marks: 50****PART A - EMPLOYABILITY SKILLS (10 MARKS):**

| Unit No | NAME OF THE UNIT | OBJECTIVE TYPE QUESTIONS | SHORT ANSWER TYPE QUESTIONS | TOTAL QUESTIONS |
|---------|---|--------------------------|-----------------------------|-----------------|
| | | 1 MARK EACH | 2 MARK EACH | |
| 1 | Communication Skills | 2 | 1 | 3 |
| 2 | Self-management Skills | 2 | 2 | 4 |
| 3 | Information and Communication Technology Skills | 2 | 2 | 4 |
| | Total Questions | 6 | 5 | 11 |
| | No. of questions to be answered | Any 4 | Any 3 | 10 Marks |

PART B - SUBJECT SPECIFIC SKILLS (40 MARKS):

| Unit No | NAME OF THE UNIT | OBJECTIVE TYPE QUESTIONS 1 MARK EACH | SHORT ANSWER TYPE QUESTIONS 2 MARK EACH | LONG ANS. TYPE QUESTION S 4 MARK EACH | TOTAL QUESTIONS |
|---------|---|---|--|---|-----------------|
| 1 | Part B Unit -1 digital documentation (Advanced) | 8 | 2 | 1 | 6 |
| 2 | Unit II Electronic Spreadsheet (Advanced) | 8 | 2 | 2 | 11 |
| 3 | Unit III Database Management System | 8 | 2 | 2 | 11 |
| | Total Questions | 24 | 6 | 5 | 35 |
| | No. of questions to be answered | 1 x 20 = 20 | 2 x 4 = 8 | 4 x 3 = 12 | 40 Marks |

ART EDUCATION

BOOK – VISUAL ART

| TOPIC | PAGE NO. |
|-----------------|-----------------|
| 1. Colour tone | 41 |
| 2. Nature study | 46 |
| 3. Landscape | 49,51 |
| 4. Human body | 55,62,67 |
| 5. Sketching | 70 |
| 6. Portrait | 71,72 |

WORK EDUCATION

| |
|---------------|
| 1. Mosaic Art |
| 2. Wire Art |