

### English

<b>Comprehension</b>	:	Unseen passages
<b>First Flight</b>	:	1. A Letter to God, 2. Nelson Mandela, 3. Two Stories about Flying, 4. From the Diary of Anne Frank, 5. The Hundred Dresses – I, 6. The Hundred Dresses – II, 7. Glimpses of India, 8. Mijbil the Otter, 9. Madam Rides the Bus, 10. The Sermon at Benares, 11. The Propose.
<b>Poetry</b>	:	1. Dust of Snow, 2. Fire and Ice, 3. A Tiger in the Zoo, 4. How to Tell Wild, Animals, 5. The Ball Poem, 6. Amanda, 7. Animals, 8. The Trees, 9. Fog, 10. The Tale of Custard the Dragon, 11. For Anne Gregory
<b>Footprints without Feet</b>	:	1. A Triumph of Surgery, 2. The Thief's Story, 3. The Midnight Visitor, 4. A Question of Trust, 5. Footprints without Feet, 6. The Making of a Scientist, 7. The Necklace, 8. The Hack Driver, 9. Bholi, 10. The Book that Saved the Earth.
<b>Writing</b>	:	Story writing and article, <b>Letter writing:</b> letter to editor complaints, inquiry, placing orders.
<b>Grammar</b>	:	1. Tenses, 2. Modals, 3. Use of passive voice, 4. Subject-verb concord, 5. Reporting, 6. Clauses, 7. Determiners, 9. Prepositions

### Punjabi

<b>ਸਾਹਿਤਕ ਕਿਰਨਾਂ-2</b>	:	<b>ਕਾਵਿ-ਰਚਨਾਵਾਂ:</b> 1. ਗਉੜੀ ਬੈਰਾਗਣਿ, 2. ਗੁੰਮ ਨੇ ਰਸੋਈ ਵਿੱਚੋਂ, 3. ਗੁਰੂ ਉਪਦੇਸ਼, 4. ਮਾਣ ਪੰਜਾਬੀ ਦਾ, <b>ਵਾਰਤਕ:</b> 1. ਪੱਛੋਂ ਦੀਆਂ ਪੈਣ ਕਣੀਆਂ, 2. ਆਦਤਾਂ, 3. ਰੈਕੜ ਤੇ ਹਉਮੈ ਦੀ ਮਾਰ, 4. ਪੰਜਾਬ ਦੇ ਲੋਕ ਗੀਤ, 5. ਕਲਾਤਮਕ ਰੁਚੀਆਂ।
<b>ਸਾਹਿਤਕ ਰੰਗ-2</b>	:	<b>ਕਹਾਣੀ ਭਾਗ:</b> 1. ਮੈਂ ਕਿਸੇ ਤੋਂ ਘੱਟ ਨਹੀਂ, 2. ਈਅਰ ਫੇਨ, 3. ਦੁਸ਼ਮਣੀ, <b>ਜੀਵਨੀ:</b> 1. ਬੀਬੀ ਭਾਨੀ ਜੀ, 2. ਉੱਡਣਾ ਸਿੱਖ ਮਿਲਖਾ ਸਿੰਘ, 3. ਅਣਥੱਕ ਵਿਗਿਆਨੀ – ਡਾ. ਅਬਦੁਲ ਕਲਾਮ, <b>ਇਕਾਂਗੀ</b> – ਬੇਬੇ ਰਾਮ ਭਜਨੀ
<b>ਵਿਆਕਰਨ</b>	:	1. ਸਮਾਸੀ ਸ਼ਬਦ (ਬਹੁਵਿਕਲਪੀ), 2. ਮੁਹਾਵਰੇ (ਕ ਤੋਂ ਝ ਤੱਕ), 3. ਕਿਰਿਆ – ਵਿਸ਼ੇਸ਼ਣ (ਬਹੁਵਿਕਲਪੀ), 4. ਅਗੋਤਰ/ਪਿਛੇਤਰ, 5. ਬਹੁਅਰਥਕ (ਬਹੁਵਿਕਲਪੀ) 6. ਅਣਡਿੱਠਾ ਪੈਰਾ (ਵਾਰਤਕ) ਅਤੇ ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁੱਕੜੀ ਦੇ ਅਧਾਰਿਤ ਪ੍ਰਸ਼ਨ
<b>ਲਿਖਣ ਕੋਸ਼ਲ</b>	:	<b>ਲੇਖ- ਰਚਨਾ</b> - 1. ਆਮ ਵਿਸ਼ੇ ਨਾਲ ਸੰਬੰਧਤ, ਅਤੇ ਵਿਚਾਰ ਪ੍ਰਧਾਨ, 2. ਪੱਤਰ ਰਚਨਾ (ਨਿਜੀ / ਦਫ਼ਤਰੀ), 3. ਇਸਤਿਹਾਰ ਜਾਂ ਚਿੱਤਰ ਵਰਨਣ

### Hindi

<b>पाठ्य पुस्तक स्पर्श</b>	⊗	<b>काव्य भाग-</b> साखी (कबीर), पद (मीरा) दोहे (बिहारी) पर्वत प्रदेश में पावस, तोप, मनुष्यता, कर चले हम फिदा, आत्मत्राण। <b>गद्य भाग-</b> बड़े भाई साहब, डायरी का एक पन्ना, ततारा-वमीरो कथा, अब कहाँ दूसरों के दुख में दुखी होने वाले, पतझर में टूटी पत्तियाँ, कारतूस,
<b>पाठ्य पुस्तक संचयन</b>	⊗	हरिहर काका, सपनों के से दिन, टोपी शुक्ला।
<b>व्याकरण एवं स्वना</b>	⊗	शब्द और पद, वाक्य-शुद्धि, वाक्य रूपांतरण, समास, मुहावरे, अपठित गद्यांश, अपठित काव्यांश
<b>लेखन कौशल</b>	⊗	अनुच्छेद लेखन, पत्र-लेखन (औपचारिक), विज्ञापन, संवाद लेखन, सूचना लेखन,।
		(केवल अध्ययन के लिए- स्पर्श-गद्य भाग : तीसरी कसम के शिल्पकार शैलेन्द्र, गिरगिट, काव्यभाग : मधुर-मधुर मेरे दीपक चल)

## Maths

**Chapter:** Ch-1 Real Numbers, Ch-2 Polynomials, Ch-3 Pair of Linear Equation in two variables, Ch-4 Quadratic Equations, Ch-5 Arithmetic Progression, Ch-6 Triangles, Ch-7 Co-ordinate Geometry, Ch-8 Introduction to Trigonometry, Ch- 9 Some Applications of Trigonometry, Ch-10 Circles, Ch-11 Construction Ch-12. Areas Related to Circles, Ch-13 Surface Areas and Volumes, Ch-14 Statistics, Ch-15 Probability.

## Science

**Chemistry** : Ch-1 Chemical Reactions and Equations, Ch-2 Acids, Bases and Salts, Ch-3 Metals and Non Metal Ch-4 Carbon and its Compounds Ch-5 Periodic classification of Elements.

**Biology** : Ch-6 Life Processes, Ch-7 Control and Co-Ordination; In Plants, In Animals, Ch-8 How do organisms Reproduce, Ch-9 Heredity and Evolution, Ch-15 Our Environment, Ch. 16 Management of Natural Resources,

**Physics** : Ch-10 Light Reflection and Refraction, Ch-11 Human Eye and Colorful World, Ch-12 Electricity, Ch-13 Magnetic Effects of Electric Current, Ch-14 Sources of Energy,

**Chemistry:** 1) To study the properties of an acid (dil Hcl) by its reaction with Litmus solution, Zinc Metal, solid sodium carbonate, 2) Study of pH value (with pH scale), 3) Making of soap, 4) Properties of ethanoic acid.

**Biology** : 1) Temporary mount preparation of leaf. 2) Respiration (To show that carbon dioxide is given out during respiration), 3) Studying binary fission in Amoeba and Budding in Yeast and Hydra with permanent slides. 4) Identification of different part of an embryo of a Dicot seed.

**Physics** : 1) To Study the dependence of potential difference, (v) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I, 2) To determine of the equivalent resistance of two resistors when connected in series and parallel 3) Determination of focal length of: (1) Concave Mirror (2) Convex Lens, By obtaining the image of a distant object. 4) Tracing path of ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result. 5) Tracing the path of rays of light through a glass slab. 6) Finding image distance for varying object distances in case of convex lens and drawing corresponding ray diagrams to show the nature of image formed.

## Social Science

**Geography** : Ch-1 Resources and Development, Ch-4 Agriculture, Ch-5 Minerals and Energy Resources Ch-6 Manufacturing Industries, Ch-7 Lifelines National Economy.

**History** : Ch-1 The Rise of Nationalism in Europe, Ch-2 Nationalism in India, Ch-3 The Making of Global World, Ch. 4 The Age of Industrialization, Ch – 5 Print culture and the modern world.

**Economics** : Ch-1 Development, Ch-2 Sectors of Indian Economy, Ch-3 Money and Credit, Ch-4 Globalization and Indian Economy.

**Political Science** : Ch-1 Power Sharing, Ch-2 Federalism, Ch-4 Gender, Religion and Caste, Ch-6 Political Parties, Ch. 7 Outcome of Democracy.

## Map-History

: Ch-3 Nationalism in India (1918-1930) For locating and labelling Identification: 1. Indian National Congress Session Calcutta (Sept 1920), Nagpur (Dec. 1920). Madras (1927), Lahore (1929), 2. Important Centre of Indian National Movement (Non-cooperation and Civil Disobedience Movement), Champaran (Bihar) - Movement of Indigo Planters, 2. kheda (Gujrat)-Peasant Satyagrah, 3. Ahmedabad (Gujrat) - Cotton Mill Workers Satyagraha, 4. Amritsar (Punjab)-Jallianwala Bagh Incident, 5. Chauri Chaura (U.P.)-Calling off the Non Cooperation Movement, 6. Dandi (Gujrat)-Civil Disobedience Movement. **Map-Geography:** Ch-1 Resources and Development (Major Soil Types Identification only), Ch-4 Agriculture (Identification Only): Major Areas of Rice and Wheat, Largest Major Producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute, Ch-5 1. Iron Ore mines: ayurbhanj, Durg, Bailadila, Bellary, Kudremuth, 2. Coal Mines: Raniganj, Talcher, Bokaro, Neyveli, 3. Oil Fields: Digboi, Bassien, Kalol, Ankaleshwar, Naharkatia, Mumbai High, 4. Power Plants, 5. Thermal Plants (Nomrup, Singrauli, Ramagundam), 6. Nuclear: Narora, Tarapur, Kakrapara, Kalpakkam. Ch-6 1. Cotton Textile Industries (Mumbai, Indore, Surat, Kanpur, Coimbatore, 2. Iron and Steel Plants (Durgapur, Bhilai, Bokaro, Viyanagar, Jamshedpur), 3. Software Technology Parks (Noida, Gandhinagar, Mumbai, Pune, Hyderabad, Bengaluru, Chennai, Thirvananthapuram. Ch-7 Major Ports (Kandla, Mumbai, Marmagao, New Mangalore, Kochi, Tuticorin, Chennai, Paradip, Vishakhapatnam, Haldia, 2. International Airports – Amritsar (Rajasansi), Delhi (IGI), Mumbai (Chhatrapati Shivaji), Chennai (Meena Bakkam), Kolkata (Netaji Subhash Chandra Bose), Hyderabad (Rajiv Gandhi).

## Computer

**Part A: (Employability Skills)** Unit-1 Communication Skills-II, Uni-2 Self Management Skills-II, Unit-3 Information and Communication Technology Skills-II, Unit-4 Entrepreneurial Skills-II, Unit-5 Green Skills-II.

**Part B: (Vocational Skills)** Unit-1 Web Applications (Basics), Unit-2 Word Processing (Intermediate) Uniy-3 Spreadsheet (Intermediate), Unit-4 Digital Documentation (Intermediate), Unit-5 E-Mail Messaging (Intermediate), Unit-6 Data Base Development (Basic).