

## Annex-A

### Punjab Education, Curriculum, Training & Assessment Authority

#### تدریج الگوریتم (ALP)

برائے مضمون اردو، جماعت نہم تعلیمی سیشن: 2025-26

اُردو لازمی برائے جماعت نہم کی درسی کتاب میں سے طلبہ کی سہولت کے پیش نظر چار اساق حذف کیے جا رہے ہیں تاکہ

طلبہ انیں کے بجائے پندرہ اساق پر توجہ مرکوز کرتے ہوئے بھرپور تیاری کر سکیں۔



#### حذف شدہ اساق کی تفصیل:

حصہ نشر:

1- ابتدائی حساب

از ابن انشا صفحہ: 69 تا 76

2- بھیڑیا

از فاروق سرور صفحہ: 86 تا 93

حصہ نظم:

3- کرکٹ اور مشاعرہ

از دلاور فگار صفحہ: 1111 تا 117

حصہ غزل:

4- من تو سہی جہاں میں ہے تیر افسانہ کیا

از خواجہ حیدر علی آتش صفحہ: 122 تا 126

امتحانی بورڈ کے پرچہ مرتبین کے لیے لازم ہے کہ سوالیہ پرچہ ترتیب دیتے ہوئے درج بالا اساق میں سے معروضی، انسانی و دیگر نوعیت کے سوالات میں سے کوئی سوال یا جز شامل نہ کریں۔

# Punjab Education, Curriculum, Training & Assessment Authority



## Smart Syllabus / Accelerated Learning Program (ALP) English for Grade-9 Academic Session: 2025-26

This is to facilitate students; three units out of eleven, are excluded from the compulsory textbook of English-9 so that the students may study more effectively. Teachers are requested not to teach these units. Students should focus thoroughly on the remaining eight units instead of the deleted ones. It is mandatory for paper setters of all Boards of Intermediate and Secondary Education in Punjab to ensure that no objective, subjective, or other types of questions from the following excluded units are included in the question paper.

### Details of Excluded Units:

Sr. No.	Unit No. & Name	Pages
1.	<b>Unit 5:</b> Women Empowerment through Entrepreneurship	58 to 71
2.	<b>Unit 8:</b> The Impact of Globalisation on Culture and Economy	93 to 105
3.	<b>Unit 10:</b> The Silent Predator and the Majestic Prey – Snow Leopard and Markhor	120 to 131

## تربیع اتّعلّم پروگرام (ALP)

برائے مضمون اسلامیات لازمی جماعت نہم

تعلیمی سیشن 2025-26ء

اسلامیات لازمی جماعت نہم کی تیکسٹ بگ میں سے طلبہ کی سہولت کے پیش نظر درج ذیل احادیث مبارکہ اور اساق حذف کیے جا رہے ہیں تاکہ طلبہ بقیہ تمام اساق پر توجہ مرکوز کرتے ہوئے بھر پور تیاری کر سکیں۔ اساتذہ کرام ان اساق سے صرف نظر بر تیں۔

**باب اول:** احادیث مبارکہ نمبر 3، 6، 12، 14 اور 17

**باب چہارم:** اخلاق و قوی، پردہ پوشی، جھوٹ، غیبت و بہتان، جادو، فال اور توہم پرستی

**باب پنجم:** قسم کے احکام و مسائل، اسلامی ریاست

**باب ششم:** صحابہ کرام (حضرت عمرو بن امية، حضرت عبد اللہ بن عمر و بن العاص، حضرت جابر بن عبد اللہ رضی اللہ تعالیٰ عنہم)

صحابیات (حضرت شفا، حضرت اُم سلیم، حضرت اُم عطیہ رضی اللہ تعالیٰ عنہم)

**باب سیم:** صوفیہ کرام (حضرت ابوالقاسم قشیری، شیخ فرید الدین عطار، حضرت مولانا عبدالرحمن جامی رحمۃ اللہ علیہم)

علماء مفکرین (امام شاطی، امام جلال الدین سیوطی، ابن رشد رحمۃ اللہ علیہم)

**باب هفتم** مکمل (خود اعتمادی و خود انحصاری، جسمانی و ذہنی صحت اور جسمانی ریاضت، اسلام میں

مستقبل کی منصوبہ بندی کی اہمیت، اسلامی تہذیب کے امتیازات)

امتحانی بورڈ کے پرچہ مرتبین کے لیے لازم ہے کہ سوالیہ پرچہ ترتیب دیتے ہوئے درج بالا باب / عنوانات میں معمروضی، انشائی و دیگر نوعیت کے سوالات میں سے کوئی سوال یا جز شامل نہ کریں۔

**نوٹ:** یہ تربیع اتّعلّم پروگرام (ALP) صرف تعلیمی سیشن 2025-26 کے لیے بنایا گیا ہے۔

# Punjab Education, Curriculum, Training & Assessment Authority

## SMART/REDUCED SYLLABUS OF GRADE-9 MATHEMATICS - 2026

To facilitate students, the content of *Mathematics–9* has been **rationalized and reduced** from the compulsory textbook. This rationalization aims to help students focus on the **key Student Learning Outcomes (SLOs)** that are essential for conceptual understanding and examination preparation, rather than covering the entire textbook. The **unit-wise Smart / Reduced Syllabus** is provided below. It clearly specifies the **exercises, examples, and questions excluded** from the *Mathematics Grade 9* syllabus for the annual examination. **Teachers and students are advised to follow this Smart / Reduced Syllabus** for effective teaching, learning, and exam preparation.

Name of the Unit	Skipped / Excluded Content of Mathematics-9
1-Real Numbers	<ul style="list-style-type: none"><li>• 1.1 Introduction to Real Numbers; Page # 1 to 3.</li><li>• 1.3 Application of Real Numbers in Daily Life; Page # 14 to 15.</li><li>• 1.3.1 Temperature Conversion, Example # 10; Page # 15 to 16.</li><li>• 1.3.2 Profit and Loss, Examples # 11 to 14; Page # 16 to 18.</li><li>• Exercise # 1.3 (Complete); Page # 18 to 19.</li><li>• Review Exercise 1: Q # 3,5, 8 to 10; Page # 19 to 20.</li></ul>
2-Logarithms	<ul style="list-style-type: none"><li>• 2.4 Laws of Logarithm, Example # 12 - 15; Page # 30 to 34.</li><li>• Exercise # 2.4 (Complete); Page # 34 to 35.</li><li>• Review Exercise 2: Q # 1 (ix &amp; x), Q # 7 to 10; Page # 35 to 36.</li></ul>
3-Sets and Functions	 <p>PECTAA Transformation, Innovation &amp; Excellence</p> <ul style="list-style-type: none"><li>• Introduction; Page # 37.</li><li>• 3.1 Mathematics as the Study of Patterns, Structures and Relationships; Page # 37-39 (before the basic definition of Set).</li><li>• Example # 5; Page # 51.</li><li>• Exercise # 3.2, Q # 9, 11 to 13; Page # 54 to 55.</li><li>• 3.3 Binary Relations, Example # 7,8; Page # 55-56.</li><li>• 3.3.1 Relation as Table, Ordered Pair and Graphs; Page # 56-57.</li><li>• 3.3.2 Functions and its Domain and Range, Example # 9; Page # 57-59.</li><li>• 3.3.3 Notation of Function; Page # 59.</li><li>• 3.3.4 Linear and Quadratic Functions, Example # 10,11; Page # 59-60.</li><li>• Exercise # 3.3, (Complete); Page # 61.</li><li>• Review Exercise 3: Q # 1 (vii to x), Q # 10 to 16; Page # 62 to 64.</li></ul>

Name of the Unit	Skipped / Excluded Content of Mathematics-9
<b>4-Factorization and Algebraic Manipulation</b>	<ul style="list-style-type: none"> <li>4.4 Square Root of an Algebraic Expression Example # 26,27; Page # 77 to 78.</li> <li>4.4.1 Real World Problems of Factorization, Example # 28, 29, 30; Page # 78 to 79.</li> <li>Exercise # 4.4 (Complete); Page # 79 to 80.</li> <li>Review Exercise 4: Q # 1 (vi), Q # 4 &amp; 5; Page # 81.</li> </ul>
<b>5-Linear equations and Inequalities</b>	<ul style="list-style-type: none"> <li>5.3 Feasible Solution, Example # 6; Page # 91-92.</li> <li>5.3.2 Maximum and Minimum Values of a Function in the Feasible Solution, Example # 7; Page # 93-94.</li> <li>Exercise # 5.2 (Complete); Page # 94 to 95.</li> <li>Review Exercise 5: Q # 1 (ix to x), Q # 3 to 5; Page # 95 to 96.</li> </ul>
 <b>PECTAA</b> Transformation, Innovation & Excellence	<ul style="list-style-type: none"> <li>Example 12; Page # 109.</li> <li>Exercise # 6.3, Q # 10 to 12; Page # 111.</li> <li>Exercise # 6.4, Q # 2 (vii &amp; viii), Q # 3 (iii); Page # 113.</li> <li>Exercise # 6.5, Q # 5,6 &amp; 9; Page # 117 to 118.</li> <li>6.6 The angle of Elevation and the angle of depression, Example # 19 &amp; 20; Page # 118 to 119.</li> <li>Exercise # 6.6 (Complete); Page # 120.</li> <li>Review Exercise 6: Q # 3 (iii, iv, v, vi), 5,6; Page # 122.</li> </ul>
<b>7-Coordinate Geometry</b>	<ul style="list-style-type: none"> <li>Exercise # 7.1, Q # 6,9 &amp; 10; Page # 128.</li> <li>Exercise # 7.2, Q # 2 (iii, iv),12 &amp; 13; Page # 140 to 141.</li> <li>7.3 Applications of Coordinate Geometry in Real Life Situations, Example # 14, 15, 16, 17, 18, 19, 20; Page # 141 to 144.</li> <li>Exercise # 7.3 (Complete); Page # 144 to 145.</li> <li>Review Exercise 7: Q # 4 to 10; Page # 146.</li> </ul>
<b>8-Logic</b>	Complete chapter is excluded.

Name of the Unit	Skipped / Excluded Content of Mathematics-9
 <b>PECTAA</b> Transformation, Innovation & Excellence	<ul style="list-style-type: none"> <li>Exercise # 9.1, Q # 8 &amp; 9; Page # 166.</li> <li>Exercise # 9.2, Q # 5 &amp; 8; Page # 172.</li> <li>9.4 Geometrical properties of polygon and their applications; Page # 177.</li> <li>9.4.1 Geometrical properties of Regular polygon; Page # 177-178.</li> <li>9.4.2 Geometrical properties of Triangle; Page # 178.</li> <li>9.4.3 Geometrical properties of Parallelogram, Example # 13; Page # 178.</li> <li>9.4.4 Applications of polygon, Examples # 14,15,16,17,18; Page # 179 to 181.</li> <li>Exercise # 9.4 (Complete); Page # 182.</li> <li>Review Exercise 9: Q # 1 (vii to x), Q # 4,7,8 &amp; 9; Page # 183 to 184.</li> </ul>
<b>10-Graphs of Functions</b>	<ul style="list-style-type: none"> <li>10.2 Exponential Growth/ Decay of a Practical Phenomenon through its Graph, Example # 12; Page # 193-194.</li> <li>10.2.1 Gradients of Curves by Drawing Tangents, Example # 13; Page # 194.</li> <li>10.2.2 Application of Graph in Real Life, Example # 14, 15; Page # 195 to 196.</li> <li>Exercise # 10.2 (Complete); Page # 197.</li> <li>Review Exercise 10: Q # 3, 5 to 7; Page # 199.</li> </ul>
<b>11-Loci and Construction</b>	<ul style="list-style-type: none"> <li>11.5.2 Intersection of Loci, Example # 10, 11,12; Page # 209 to 211.</li> <li>11.6 Real Life Application of Loci; Page # 211.</li> <li>Exercise # 11.2 (Complete); Page # 212 to 213.</li> <li>Review Exercise 11: Q # 1 (v to x), Q # 2 to 8; Page # 213 to 214.</li> </ul>
<b>12-Information Handling</b>	<ul style="list-style-type: none"> <li>Exercise # 12.1: Q # 8; Page # 224.</li> <li>12.2.4 Weighted Mean, Example # 19, 20; Page # 234 to 235.</li> <li>Exercise # 12.2: Q # 13 to 20; Page # 238 to 239.</li> <li>Review Exercise 12: Q # 7 &amp; 12; Page # 241 to 242.</li> </ul>
<b>13-Probability</b>	<ul style="list-style-type: none"> <li>13.6 Expected Frequency, Example # 11; Page # 255.</li> <li>13.7 Real Life Application on Expected Frequency, Example # 12, 13; Page # 255 to 256.</li> <li>Exercise # 13.2, Q # 5 to 8; Page # 257.</li> <li>Review Exercise 13: Q # 1 (v), 2 to 7; Page # 258 to 259.</li> </ul>

# Punjab Education, Curriculum, Training & Assessment Authority

## Smart Syllabus / Accelerated Learning Program (ALP) for Physics-9 (Session 2025-26)

To ensure timely curriculum completion and effective learning within the educational calendar of the 2025-26 academic session, selected topics of Physics- 9 have been reduced under the Smart Syllabus / Accelerated Learning Program (ALP).

This adjustment has been made carefully to prevent any learning loss, content overlap, or conceptual gap for students. The detail is as follows:

<b>Chapter No.</b>	<b>Chapter Name</b>	<b>Deleted Topics</b>	<b>Page No.</b>	<b>Deleted Exercise Qs.</b>
1	Physical Quantities & Measurements   PECTAA Transformation Innovation & Excellence	1.6 Mass measuring instruments 1.7 Time measuring instruments 1.8 Errors in measurements 1.10 Uncertainty in a measurement 1.12 Precision and Accuracy	16 17 18-19 20 21-22	MCQs: 1.3, 1.6, 1.8, 1.11 Short answer questions: 1.5, 1.8, 1.9, 1.10, 1.11 CRQs: 1.1, 1.2, 1.4, 1.8, 1.10 Comprehensive Questions: 1.3, 1.4, 1.5 Numerical Problems: 1.2, 1.5, 1.7, 1.9
2	Kinematics	2.3: Types of Motion 2.8: Gradient of a distance time graph 2.10: Gradient of a speed time graph	33 41 43	MCQs: 2.5, 2.6, 2.8, 2.9, 2.10 Short answer questions: 2.6, 2.7, 2.8 CRQs: 2.1, 2.3, 2.4, 2.5 Comprehensive Questions: 2.3, 2.5, 2.7 Numerical Problems: 2.5, 2.8, 2.10
3	Dynamics	3.2: Fundamental forces 3.3: Forces in a free body diagram 3.5: Limitation of Newton's laws of motion 3.7: Mechanical and electronic balances	55-56 57 61 64-65	MCQs: 3.4, 3.7, 3.8 Short answer questions: 3.7, 3.8, 3.10 CRQs: 3.3, 3.5, Comprehensive Questions: 3.6, Numerical Problems: 3.5, 3.6, 3.8, 3.9
4	Turning Effects of Force	4.7: Centre of gravity and centre of mass 4.11: Improvement of stability 4.12: Application of stability in real life • Rotational motion versus translational motion	88-90 95 96 97	MCQs: 4.4, 4.5, 4.6, 4.8 Short answer questions: 4.5, 4.6, 4.8, 4.9, 4.10 CRQs: 4.3, 4.5 Comprehensive Questions: 4.2, 4.4 Numerical Problems: 4.2, 4.5, 4.6, 4.9, 4.10

 <b>PECTAA</b> Transformation, Innovation & Excellence	<b>5</b> Work, Energy and Power	<p>5.4: Sources of energy</p> <p>5.6: The advantages and disadvantages of methods of energy production</p>	113-117 118	MCQs: 5.2, 5.4, 5.7 Shot answer questions: 5.3, 5.6, 5.10 CRQs: 5.2, 5.5, 5.8, 5.9 Comprehensive Questions: 5.3, 5.5 Numerical Problems: 5.2, 5.5, 5.7, 5.8, 5.9, 5.12, 5.13
<b>6</b>	Mechanical Properties of Matter	<ul style="list-style-type: none"> <li>• Applications of Hooke's law</li> </ul> <p>6.7: Measurement of atmospheric pressure</p> <p>6.8: Measurement of pressure by manometer</p> <ul style="list-style-type: none"> <li>• Activities 6.1 and 6.6:</li> </ul>	130 137-138 138 129,142	MCQs: 6.2, 6.4, 6.5 Shot answer questions: 6.2, 6.6, 6.9 CRQs: 6.1, 6.3, 6.4, 6.7, 6.9, 6.10 Comprehensive Questions: 6.2, 6.5 Numerical Problems: 6.3, 6.8, 6.10, 6.11, 6.12
<b>7</b>	Thermal Properties of Matter	<p>7.1: Kinetic molecular theory of matter</p> <p>7.4: Sensitivity, range and linearity of thermometers</p> <p>7.5: Structure of a liquid in glass thermometer</p>	149-150 155-156 156	MCQs: 7.1, 7.2, 7.7, 7.10, 7.11 Shot answer questions: 7.1, 7.2, 7.3, 7.6, 7.9, 7.10, 7.11, 7.14, 7.15 CRQs: 7.4, 7.5, 7.7, 7.8, 7.10, 7.11, 7.12 Comprehensive Questions: 7.1, 7.4, 7.5 Numerical Problems: 7.5, 7.6
<b>8</b>	Magnetism	<ul style="list-style-type: none"> <li>• Applications of permanent magnets</li> <li>• Magnetic relay</li> <li>• Telephone receiver</li> </ul> <p>8.8: Domain theory of magnetism</p> <ul style="list-style-type: none"> <li>• Alignment of domains</li> </ul> <p>8.10: Application of Magnets in recording technology</p> <p>8.11: Soft iron as magnetic shield</p>	168 170 171 172 173 175-176 176-177	MCQs: 8.3, 8.6, 8.7, 8.8 Shot answer questions: 8.5, 8.6, 8.7, CRQs: 8.3, 8.5 Comprehensive Questions: 8.5, 8.6
<b>9</b>	Nature of Science	<p>9.4: Interdisciplinary research</p> <p>9.6: Scientific base of technology and engineering</p>	186-187 190-191	MCQs: 9.4, 9.5, 9.7, 9.11 Shot answer questions: 9.3, 9.7, 9.8 CRQs: 9.5, 9.6, 9.8, 9.9, 9.10 Comprehensive Questions: 9.2, 9.4

**Punjab Education, Curriculum, Training & Assessment Authority**  
**Smart Syllabus / Accelerated Learning Program (ALP) for**  
**Chemistry Grade-9 for Annual Exam 2026**

<b>Chapter No.</b>	<b>Chapter Name</b>	<b>Topics and Questions Deleted</b>
1	States of Matter and Phase of Change   <b>PECTAA</b> Transformation, Innovation & Excellence	1.2 States of Matter (Pg. 4-6) 1.4 Allotropic Forms of Substances (Pg.-8) 1.8 Effect of Temperature on the Solubility of Solutes (Pg. 11-13) Multiple Choice Questions (MCQs): iv, vii, ix, x Short Answers Questions (SAQs): iii, iv, viii Constructed Response Questions (CRQs): iv, v, vi, vii, viii Descriptive Questions (DQs): ii, iv Investigative Questions (IQs): ii
2	Atomic Structure	2.3 Isotopes and their Masses (Radioactive Isotopes, Application of Radioactive Isotopes, Ionization of atoms by Radioactive Sources) (Pg. 24-26) Multiple Choice Questions (MCQs): vii, x Short Answers Questions (SAQs): iv, v Constructed Response Questions (CRQs): iv, v Descriptive Questions (DQs): iii, iv Investigative Questions (IQs): i
3	Chemical Bonding	3.6 Compare the Properties of Ionic and Covalent Compounds (Pg.- 44) 3.8 Nature of Bonding and Properties (Pg. 46-48) Multiple Choice Questions (MCQs): v, ix Short Answers Questions (SAQs): ii, iv Constructed Response Questions (CRQs): v, vi Descriptive Questions (DQs): ii, iv, v Investigative Questions (IQs): i, ii
4	Stoichiometry	Multiple Choice Questions (MCQs): viii, ix, x Short Answers Questions (SAQs): ii Constructed Response Questions (CRQs): iv, v Descriptive Questions (DQs): iii Investigative Questions (IQs): i, ii
5	Energetics	Partial part of 5.3 Exothermic and Endothermic Reactions (Last para from page 71-74) Multiple Choice Questions (MCQs): vi, vii, ix, x Short Answers Questions (SAQs): iv Constructed Response Questions (CRQs): i, iii Descriptive Questions (DQs): i, iv Investigative Questions (IQs): ii

 <b>PECTAA</b> Transformation, Innovation & Excellence	<b>6</b> <b>Equilibria</b>	<p>6.3 Changing the Physical Conditions of a Chemical Reaction (Pg. 86-89)</p> <p>Multiple Choice Questions (MCQs): iii, iv, vii, x</p> <p>Short Answers Questions (SAQs): ii, v</p> <p>Constructed Response Questions (CRQs): iv, v</p> <p>Descriptive Questions (DQs): iii, v</p> <p>Investigative Questions (IQs): i, ii</p>
<b>7</b> <b>Acid Base Chemistry</b>		<p>7.5 Acid Rain and its Effects (Pg.-102)</p> <p>Multiple Choice Questions (MCQs): vii, x</p> <p>Short Answers Questions (SAQs): v</p> <p>Constructed Response Questions (CRQs): ii</p> <p>Descriptive Questions (DQs): iv, v</p> <p>Investigative Questions (IQs): i</p>
<b>8</b> <b>Periodic Table and Periodicity</b>		<p>8.5 Metallic Character and Reactivity (Pg. 114-115)</p> <p>Multiple Choice Questions (MCQs): viii, ix</p> <p>Short Answers Questions (SAQs): ix, x</p> <p>Constructed Response Questions (CRQs): v</p> <p>Descriptive Questions (DQs): iv, vi</p> <p>Investigative Questions (IQs): ii</p>
<b>9</b> <b>Group Properties and Elements</b>		<p>9.5 Physical Properties of Metals and Non-Metals (Pg. 124-125)</p> <p>Multiple Choice Questions (MCQs): viii, ix</p> <p>Short Answers Questions (SAQs): v</p> <p>Constructed Response Questions (CRQs): vi, vii</p> <p>Descriptive Questions (DQs): iii, vi</p> <p>Investigative Questions (IQs): iii</p>
<b>10</b> <b>Environmental Chemistry</b>		<p>10.4 Global warming (Greenhouse Effect) (Pg. 136-139)</p> <p>10.5 Strategies to Reduce Environmental Issues (Pg.139-141)</p> <p>Multiple Choice Questions (MCQs): i, ix</p> <p>Short Answers Questions (SAQs): ii, iii, vi, vii</p> <p>Constructed Response Questions (CRQs): iii, iv, v</p> <p>Descriptive Questions (DQs): ii, iii, v</p> <p>Investigative Questions (IQs): i, ii</p>
<b>11</b> <b>Hydrocarbons</b>		<p>11.4 Important Reactions (Pg. 151-153)</p> <p>Multiple Choice Questions (MCQs): vi, ix, x</p> <p>Short Answers Questions (SAQs): iii, viii, ix</p> <p>Constructed Response Questions (CRQs): iv, v</p> <p>Descriptive Questions (DQs): iii, v</p> <p>Investigative Questions (IQs): i</p>
<b>12</b> <b>Empirical Data Collection and Analysis</b>		Full chapter is deleted
<b>13</b> <b>Laboratory and Practical Skills</b>		Full chapter is deleted

# Punjab Education, Curriculum, Training & Assessment Authority

## Smart Syllabus / Accelerated Learning Program (ALP) for Computer Science & Entrepreneurship-9

For the convenience of Grade-9 students, the following content from the Computer Science & Entrepreneurship textbook has been removed to reduce and streamline the syllabus. It is mandatory for BISE Paper Setters not to include any questions, whether objective, subjective, or other types, from the excluded content when preparing examination papers.

The detail is as under:

Unit #	Unit Name	Deleted Content and Questions
1	Introduction To Systems  PECTAA Transformation, Innovation & Excellence	Types of System Objectives (Pg. No. 3-4), Static vs Dynamic Systems (Pg. No. 5), Activity (Pg. No. 6), Types of Systems (Pg. No. 7-10), Design Science of Computer Science (Pg. No. 12), Computer as System (Pg. No. 13-15), Computing Systems (Pg. No. 18-20) <b>Exercise:</b> MCQs (Q. 4, 6, 7, 10) (Pg. 22-23), Short Questions (Q. 3, 4, 10) (Pg. 23), Long Questions (Q. 2-5, 8) (Pg. 23)
2	Number System	Binary Encoding of Integers(Z) and Real Numbers(R), Whole Numbers (W) and Integers (Z) (Page No. 31), Understanding Floating Point Representation (Page No. 33-36), Storing Images audio and video in computers (Page No. 43-44). <b>Exercise:</b> MCQs (Q. 7-10) (Page 47), Short Question (Q. 8-10) (Page No. 47)
3	Digital Systems and Logic Design	Application of Digital Logic (Page No. 62-66), Class Activity (Page No. 66) <b>Exercise:</b> MCQs (Q. 4), Short Question (Q. 5), Long Question (Q. 3-6, 8, 9)
4	System Troubleshooting	Trouble shooting strategies (Page No. 74), Addressing Security Threats (Page No. 79), Using Resources for Troubleshooting (Page No. 81-82). <b>Exercise:</b> MCQs (Q. 6, 9, 10), Long Questions (Q. 5, 6, 8, 9).
5	Software System	Introduction to system software and application software. (Page No. 89-96). <b>Exercise:</b> MCQs (Q. 1, 3, 5-7, 9, 10), Short Question (Q. 2-4, 6-8), Long Questions (Q. 2-6).
6	Introduction to Computer Networks	Key concepts in Network Security (Page No. 114-116) <b>Exercise:</b> MCQs (Q. 6), Short Questions (Q. 4, 6, 8-10), Long Questions (Q. 3, 5, 8)

7	Computational Thinking	Class Activity Algorithm Challenge Page 128, Did You Know? (Page No. 141)
8	Web Development with HTML, CSS and JavaScript	History of HTML (Page No. 155), Styling Background (Page No. 163-164), Positioning (Page No. 165-166), Adding animations and transitions to CSS (Page No. 167-168), Data Types (Page No. 170), Handling Events and User Input (Page No. 172-175), Debugging Techniques (Page No. 175-176) <b>Exercise:</b> Long Question No. 7, 8
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