

# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

## ENGLISH: CLASS-X

CARAVAN BOOK HOUSE LAHORE

Book - X

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<b>Ice-Breaking at the Session Commencement</b> [Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling] <b>Grammar:</b> Parts of Speech (Rules, Exercises)	<u>Introduction of students with his/her class mates, Teachers and school environment</u>
2	(Pages 1-8) Unit 1: <b>Hazrat Muhammad (SAWW) an Embodiment of Justice:</b> , Glossary, Vocabulary, Reading Comprehension <b>Grammar:</b> Practice of Present Tense	<u>Importance of Labour Day</u> <u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u>
3	(Pages 8-14) Unit 1 (Contd): Grammar exercises, Oral communication Skills and Writing skills <b>Grammar:</b> Kinds of sentences	<u>Celebration of Mother's Day</u>
4	(Pages 15-20) <b>Unit 2: Chinese New Year:</b> Glossary, Vocabulary, Reading Comprehension <b>Grammar:</b> Use of must/mustn't, Practice of past tense	<u>Importance of Ramadan</u> <u>Practice of Fazaian Honour Code 1</u>
5	(Pages 21-26) <b>Unit 2 (Contd):</b> Grammar, Oral Communication Skills, Writing Skills, Further Reading Activity <b>Grammar:</b> Simile, Alliteration, Personal Pronoun, Phrasal verb	<u>Practice of Fazaian Honour Code 2</u>
6	(Pages 27- 31) <b>Unit 3 : Try Again :</b> Vocabulary, Reading Comprehension <b>Grammar :</b> Adverbs, Gerund and infinitives, Practice of Futures Tense	<b>SUMMER SCHOOL-SSC</b>
7	(Pages 31-36) <b>Unit 3 (Contd) :</b> Grammar, Oral Communication Skills, Writing Skills <b>Grammar:</b> Phrasal verb, Narration(assertive sentence)	
8	(Pages 37-45) <b>Unit 4: First Aid:</b> Glossary, Vocabulary, Reading Comprehension <b>Grammar:</b> Use of metaphor and personification, transitive/intransitive verb, narration (positive sentences)	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
9	(Pages 46-49) <b>Unit 4 (Contd):</b> Grammar, Oral Communication Skills, Writing Skills <b>Grammar:</b> Narration (Interrogative Sentences)	<b>SUMMER SCHOOL-SSC</b>
10	(Pages 50-54) <b>Review 1</b> <b>Grammar:</b> Modal verbs, Conditional Sentences (type-I), Narration. Exclamatory Sentences, Phrasal Verbs	<u>Practice of Fazaian Honour Code 3</u>
11	(Pages 55- 61) <b>Unit 5: The Rain:</b> Vocabulary, Reading Comprehension <b>Grammar:</b> Essay Writing	<u>Importance of Eid-UI-Azha</u> <u>Practice of Fazaian Honour Code 4</u>
12	(Pages 61-66) <b>Unit 5 (Contd):</b> Grammar, Oral Communication Skills, Writing Skills, Further Reading Activity <b>Grammar:</b> Exercises of Passage Comprehension	<u>Celebration of Independence Day</u> <u>Practice of Fazaian Honour Code 5</u>
13	(Pages 67-72) <b>Unit 6: Television Vs Newspapers:</b> Glossary, Vocabulary, Reading Comprehension <b>Grammar :</b> Passage Comprehension, Phrasal Verbs	<u>Practice of Fazaian Honour Code 6</u>
14	(Pages 73-78) <b>Unit 6 (Contd):</b> Grammar, Oral Communication Skills, writing Skills <b>Grammar :</b> Application writing	<u>Practice of Fazaian Honour Code 7</u>
15	(Pages 79-84) <b>Unit 7: Little By Little One Walks Far! :</b> Glossary, Vocabulary, Reading Comprehension <b>Grammar:</b> Relative pronoun, Parts of speech	<u>Celebration of Defense Day</u> <u>Practice of Fazaian Honour Code 8</u>
16	(Pages 85-90) <b>Unit 7 (Contd):</b> Grammar, Oral Communication skills, Writing Skills <b>Grammar :</b> Adjective clauses, Practice of formal letter writing, practice of Narration	<u>Importance of Ashora-e-Moharram</u> <u>Practice of Fazaian Honour Code 9</u>
17	(Pages 91-95) <b>Unit 8: Peace:</b> Vocabulary, Reading Comprehension <b>Grammar:</b> Comprehension of stanza and passage, Practice of tenses	<u>Practice of Fazaian Honour Code 10</u>
18	(Pages 95- 100) <b>Unit 8 (Contd):</b> Grammar, Oral Communication Skills, Writing Skills (Pages 101-105) <b>Review 2</b> <b>Grammar :</b> Practice of tenses, Practice of narration, Essay writing, letter writing	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
19	(Pages 106-111) <b>Unit 9:Selecting the Right Career:</b> Glossary, Vocabulary, Reading Comprehension <b>Grammar :</b> Adverb clause, Subordinating Conjunctions	<u>Celebration of World Teacher's Day</u>
20	(Pages 112-117) <b>Unit 9 (Contd):</b> Grammar, Oral Communication skills, Writing Skills <b>Grammar :</b> Revision of Important grammar topics	
21	(Pages 118-122) <b>Unit 10:A World without Books?:</b> Glossary, Vocabulary, Reading Comprehension <b>Grammar :</b> Reinforcement Exercises on Essay writing and formal letter writing	
22	(Pages 123- 128) <b>Unit 10 (Contd):</b> Grammar, Oral Communication Skills, Writing Skills <b>Grammar:</b> Reinforcement Exercises on Essay writing and formal letter writing	
23	<b>Revision</b>	
24-25	<b>SEND UP EXAMINATION SSC</b>	<u>Celebration of Iqbal's Day</u>
26	(Pages 129-134) <b>Unit 11: Great Expectations:</b> Glossary, Vocabulary, Reading Comprehension <b>Grammar:</b> Exercises of Passage comprehension, Phrasal Verbs, Application Writing	<u>Importance of Rabi-ul-Awal &amp; Seert-un-Nabi</u>
27	(Pages 134-138) <b>Unit 11 (Contd):</b> Grammar, Oral Communication Skills, Writing Skills	
28	(Pages 139-145) <b>Unit12: Population Growth and World Food Supplies:</b> Glossary, Vocabulary, Reading Comprehension	
29	(Pages 145-148) <b>Unit 12 (Contd):</b> Grammar, Oral Communication Skills, Writing Skills <b>Grammar:</b> Exercises of Passage comprehension, Phrasal Verbs, Application Writing	
30	(Pages 149-154) <b>Unit 13: Faithfulness:</b> Glossary, Vocabulary, Reading Comprehension <b>Grammar:</b> Revision of Important topics	<u>National Resolve Day to Promote education</u>

<b>Academic Week</b>	<b>Unit/Chapter &amp; Topic</b>	<b>Personality Grooming Activities</b>
<b>31</b>	(Pages 154-159) Unit 13 (Contd): Grammar, Oral Communication Skills, Writing Skills <b>Grammar:</b> Revision of Important topics	<u>Celebration of Quaid's Day</u>
<b>32</b>	<b>Revision</b> (Pages 160- 163) <b>Review 3</b>	
<b>33-34</b>	<b>PRE-BOARD EXAM SSC</b>	
<b>35</b>	Revision and Tests: units # 1,2,3 and related grammar topics ( Solution of questions of units # 1,2,3 and related grammar topics from FBISE Papers -(Last Five Years)	
<b>36</b>	Revision and Tests: units # 4,5,6 and related grammar topics ( Solution of questions of units # 4,5,6 and related grammar topics from FBISE Papers -(Last Five Years)	
<b>37</b>	Revision and Tests: units # 7,8 and related grammar topics (Solution of questions of units # 7,8,and related grammar topics from FBISE Papers -(Last Five Years)	<u>Kashmir day</u>
<b>38</b>	Revision and Tests: units # 9,10 and related grammar topics ( Solution of questions of units # 9,10 and related grammar topics from FBISE Papers -(Last Five Years)	
<b>39</b>	Revision and Tests: units # 11,12 13 and related grammar topics ( Solution of questions of units # 11, 12, 13 and related grammar topics from FBISE Papers -(Last Five Years)	
<b>40</b>	Solution of FBISE Papers -(Last Five Years)	
<b>41</b>	<b>PREP LEAVES</b>	
<b>FBISE SSC EXAMINATION COMMENCES</b>		

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## WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

مضمون: اُردو

اُردو (لازمی) ناشر: علمی کتاب خانہ

جماعت: دہم

قواعد و انشاء پنجاب ٹیکسٹ بک بورڈ

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
Introduction of teacher, students and school environment	<b>Ice-Breaking at the Session Commencement</b> [Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling] سبق نمبر ۱: حمد - مشق اشعار میں متعدد عناصر کی پہچان	1
Importance of Labour Day Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence	سبق نمبر ۲: نعت - مشق گرامر: جملے کی تقطیع اجزا میں کرنا	2
Celebration of Mother's Day	سبق نمبر ۳: مرزا محمد سعید - مشق نظم: میدان کربلا میں گرمی کی شدت - مشق	3
Importance of Ramadan Practice of Fazaian Honour Code 1	سبق نمبر ۴: نظریہ پاکستان - مشق گرامر: ہیئت کے لحاظ سے غزل اور نظم کا فرق	4
Practice of Fazaian Honour Code 2	نظم ۲: فاطمہ بنت عبد اللہ - مشق گرامر: عبارت میں تشبیہ، استعارہ، مجاز مرسل کی نشاندہی کرنا	5
	<b>SUMMER VACATION</b> The Subject of Urdu is not to be taught during Summer School	6-9
Practice of Fazaian Honour Code 3	سبق نمبر ۵: پرستان کی شہزادی - مشق گرامر: جملے کی تقطیع اجزا میں کرنا (دہرائی)	10
Importance of Eid-ul-Azha Practice of Fazaian Honour Code 4	سبق نمبر ۶: اُردو ادب میں عید الفطر - مشق گرامر: اشعار میں متعدد عناصر کی پہچان مضمون: تخلیقی لکھائی	11

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
Celebration of Independence day Practice of Fazaian Honour Code 5	نظم: ۳: کسان - مشق مضمون: تخلیقی لکھائی گرائمر: جملہ اسمیہ اور جملہ فعلیہ کی ترکیب نحوی	12
Practice of Fazaian Honour Code 6	سبق نمبر ۷: مجھے میرے دوستوں سے بچاؤ - مشق	13
Practice of Fazaian Honour Code 7	نظم: ۴: جیوے جیوے پاکستان - مشق کہانی: جس کا کام اسی کو ساچھے	14
Defense day celebration Practice of Fazaian Honour Code 8	غزل نمبر ۱: مصیبت بھی راحت فزاہو گئی ہے - مشق عبارت سے ذومعنی الفاظ کو الگ الگ کرنا	15
Importance of Ashora-e-Muharram Practice of Fazaian Honour Code 9	سبق نمبر ۸: تلخ - مشق مضمون: تخلیقی لکھائی	16
Practice of Fazaian Honour Code 10	غزل نمبر ۲: آدمی آدمی سے ملتا ہے - مشق گرائمر: جملہ معترضہ کے حوالے سے غلط فقرات کی درستگی	17
	غزل نمبر ۳: سر میں سودا بھی نہیں، دل میں تمنا بھی نہیں - مشق مضمون: تخلیقی لکھائی	18
Celebration of World Teacher's Day	سبق نمبر ۹: چغل خور - مشق کہانی: جیسا کرو گے ویسا بھرو گے	19
	مضمون: تخلیقی لکھائی کہانی: تخلیقی لکھائی	20
	سبق نمبر ۱۰: نام دیوہالی - مشق مضمون: تخلیقی لکھائی	21
	گرائمر: مختلف اصناف کے لحاظ سے فن پاروں کو سمجھنا مضمون: تخلیقی لکھائی	22

Personality Grooming Activities	Unit / Chapter & Topic	Academic Week
	دہرائی	23
Celebration of Iqbal's Day	SEND-UP EXAMINATION SSC	24- 25
Importance of Rabi-ul-Awal and Seerat-un-Nabi	نظم ۵: اونٹ کی شادی - مشق کہانی: نانا انصافی کا انجام	26
	سبق نمبر ۱۱: علی بخش - مشق مبتدا اور خبر کے حوالے سے جملے کی تفتیح کرنا	27
	سبق نمبر ۱۲: استنبول - مشق مضمون: تخلیقی لکھائی	28
	سبق نمبر ۱۳: خطوط غالب - مشق نظم ۶: مال گو دام روڈ - مشق کہانی: سچ میں برکت	29
National Resolve Day to Promote Education	سبق نمبر ۱۴: خطوط رشید احمد صدیقی - مشق گرامر: اپنے خیالات کو مختلف اندازِ بیاں سے تحریر کرنا مضمون: تخلیقی لکھائی	30
Quaid's Day Celebration	غزل نمبر ۴: یہ فخر تو حاصل ہے، بُرے ہیں کہ بھلے ہیں - مشق مضمون: تخلیقی لکھائی گرامر: مختلف اصناف کے لحاظ سے فن پاروں کو سمجھنا	31
	(Revision of all core concepts)	32
	PRE BOARD EXAM SSC	33- 34
	سبق نمبر ۱-۳، غزل نمبر ۱، نظم نمبر ۱ اور گرامر: مختلف اصناف کے لحاظ سے فن پاروں کو سمجھنا کی دہرائی اور ٹیسٹ	35

Personality Grooming Activities	Unit / Chapter & Topic	Academic Week
<u>Kashmir Day</u>	سبق نمبر ۴-۶، غزل نمبر ۲، نظم نمبر ۲-۱۳ اور گرائمر: اپنے خیالات کو مختلف اندازِ بیاں سے تحریر کرنا کی دہرائی اور ٹیسٹ	36
	سبق نمبر ۷-۹، غزل نمبر ۳، نظم نمبر ۴-۵ اور گرائمر: مبتدا اور خبر کے حوالے سے جملے کی تقطیع کرنا کی دہرائی اور ٹیسٹ	37
	سبق نمبر ۱۰-۱۲، غزل نمبر ۴، نظم نمبر ۶ اور گرائمر: جملہ معترضہ کے حوالے سے غلط فقرات کی درستگی کی دہرائی اور ٹیسٹ	38
Talk on Honesty, Truthfulness and Compassion	سبق نمبر ۱۳-۱۴، جملہ اسمیہ اور جملہ فعلیہ کی ترکیب نحوی، عبارت میں تشبیہ، استعارہ، مجاز مرسل کی نشاندہی کرنا، جملے کی تقطیع اجزا میں کرنا، ذو معنی الفاظ کا استعمال و نشاندہی، اور اشعار میں متعدد عناصر کی پہچان کی دہرائی اور ٹیسٹ	39
	اہم موضوعات کی دہرائی	40
<u>Farewell Party</u>	<b>PREP LEAVES</b>	41
	<b>ANNUAL EXAM (PLAIN AREAS)</b>	

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# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

## MATHEMATICS: CLASS-X

Punjab Text Book Board (ILMI KITAB KHANA)

Book - X

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p style="text-align: center;"><b>Ice-Breaking at the Session Commencement</b>  <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i></p> <p>Pages (1-7) <b>Unit 1: Quadratic Equations</b>, Solution Of Quadratic Equations, Solution By Factorization, Solution By Completing Square, Exercise 1.1, Quadratic Formula, Use Of Quadratic Formula, Exercise 1.2</p>	<u>Introduction of teacher, students and environment</u>
2	Pages (8-16) <b>Unit 1 (Contd):</b> Equations Reducible To Quadratic Form. Exercise 1.3, Radical Equations, Exercise 1.4, Misc Exercise 1	<u>Importance of Labour Day</u> <u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u>
3	Pages (17-25) <b>Unit 2: Theory Of Quadratic Equations</b> , Nature Of The Roots Of A Quadratic Equation, Exercise 2.1, Cube Root Of Unity And Their Properties, Exercise 2.2,	<u>Celebration of Mother's Day</u>
4	Pages (26–31) <b>Unit 2 (Contd):</b> Roots And Co-Efficients Of A Quadratic Equation, Exercise 2.3, Symmetric Functions Of The Roots Of A Quadratic Equation, Exercise 2.4	<u>Importance of Ramadan</u> <u>Practice of Fazaian Honour Code 1</u>
5	Pages (32–39) <b>Unit 2 (Contd):</b> Formation Of A Quadratic Equation, Exercise 2.5, Synthetic Division, Exercise 2.6	<u>Practice of Fazaian Honour Code 2</u>
6	Pages (39–48) <b>Unit 2 (Contd):</b> Simultaneous Equations, Exercise 2.7, Problems Leading To Quadratic Equations, Exercise 2.8, Miscellaneous Exercise 2	<b>SUMMER SCHOOL-SSC</b>
7	Pages (49–56) <b>Unit 3: Variations</b> , Ration Proportions And Variations, Exercise 3.1, Direct And Inverse Variation, Exercise 3.2	
8	Pages (56–65) <b>Unit 3 (Contd):</b> Finding Proportion, Exercise 3.3 , Theorems On Proportions, Exercise 3.4, Joint Variation, Exercise 3.5	
9	Pages (65–73) <b>Unit 3 (Contd):</b> K-Method, Exercise 3.6, Problems on Variation, Exercise 3.7, Miscellaneous Exercise 3	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
10	Pages (145–153) <b>Unit 7: Introduction to Trigonometry</b> , Measurement of an Angle, Exercise 7.1, Sector of a Circle Exercise 7.2	<u>Practice of Fazaian Honour Code 3</u>
11	Pages (153–165) <b>Unit 7 (Contd):</b> Trigonometric Ratios, Exercise 7.3, Trigonometric Identities, Exercise 7.4	<u>Importance of Eid-UI-Azha</u> <u>Practice of Fazaian Honour Code 4</u>
12	Pages (166–170) <b>Unit 7 (Contd):</b> Angle of Elevation and Depression, Exercise 7.5, Misc Exercise 7 Pages (171-173) <b>Unit 8: Projection of a Side of a Triangle</b> , Theorem 1, Exercise 8.1	<u>Celebration of Independence Day</u> <u>Practice of Fazaian Honour Code 5</u>
13	Pages (174-178) <b>Unit 8 (Contd):</b> Theorem 2, Theorem 3, Exercise 8.2, Miscellaneous Exercise 8	<u>Practice of Fazaian Honour Code 6</u>
14	Pages (74–78) <b>Unit 4: Partial Fractions</b> , Fraction, Resolution of a Fraction into Partial Fractions, Exercise 4.1, Exercise 4.2	<u>Practice of Fazaian Honour Code 7</u>
15	Pages (79–84) <b>Unit 4 (Contd):</b> Resolution of a Fraction into Partial Fractions, Exercise 4.3, Exercise 4.4, Miscellaneous Exercise 4	<u>Celebration of Defense Day</u> <u>Practice of Fazaian Honour Code 8</u>
16	Pages (85–91) <b>Unit 5: Sets and Functions</b> , Sets, Exercise 5.1, Properties of Union and Intersection, Exercise 5.2	<u>Importance of Ashora-e-Moharram</u> <u>Practice of Fazaian Honour Code 9</u>
17	Pages (91–99) <b>Unit 5 (Contd):</b> Fundamental Properties of sets, Venn Diagram, Exercise 5.3, Ordered Pair and Cartesian Product, Exercise 5.4	<u>Practice of Fazaian Honour Code 10</u>
18	Pages (99–106) <b>Unit 5 (Contd):</b> Binary Relation, Function or Mapping, Exercise 5.5, Misc Exercise 5	
19	Pages (179–184) <b>Unit 9: Chords of a Circle</b> , Basic Concepts of the Circle, Theorem 1, Theorem 2, Theorem 3, Exercise 9.1	<u>Celebration of World Teacher's Day</u>
20	Pages (184–188) <b>Unit 9 (Contd):</b> Theorem 4, Theorem 5, Exercise 9.2, Miscellaneous Exercise 9	
21	Pages (189–195) <b>Unit 10: Tangent to a Circle</b> , Theorem 1, Theorem 2, Theorem 3 Exercise 10.1, Theorem 4(A)	
22	Pages (196–201) <b>Unit 10 (Contd):</b> Exercise 10.2, Theorem 4(B), Exercise 10.3, Misc Exercise 10	
23	<b>Revision</b>	
24-25	<b>SEND UP EXAMINATION SSC</b>	<u>Celebration of Iqbal's Day</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
26	Pages (202–210) <b>Unit 11 : Chords and Arcs</b> , Theorem 1, Theorem 2, Theorem 3, Theorem 4, Exercise 11.1, Miscellaneous Exercise 11	<u>Importance of Rabi-ul-Awal &amp; Seert-un-Nabi</u>
27	Pages (211–220) <b>Unit 12: Angle in a Segment of a Circle</b> , Theorem 1, Theorem 2, Theorem 3, Theorem 4, Exercise 12.1, Miscellaneous Exercise 12	
28	Pages (221-228) <b>Unit 13: Practical Geometry-Circles</b> , Construction of a Circle, Exercise 13.1, Circles Attached to Polygons, Exercise 13.2	
29	Pages (229–240) <b>Unit 13 (Contd):</b> Tangent to the Circle, Exercise 13.3, Miscellaneous Exercise 13	
30	Pages (107–125) <b>Unit 6: Basic Statistics</b> , Frequency Distribution, Cumulative Frequency Distribution, Exercise 6.1, Measures of Central Tendency	<u>National Resolve Day to promote education</u>
31	Pages (126–144) <b>Unit 6 (Contd):</b> Measures of Central Tendency , Exercise 6.2, Measures of Dispersion, Exercise 6.3, Miscellaneous Exercise 6	<u>Celebration of Quaid’s Day</u>
32	<b>Revision</b>	
33	<b>PRE-BOARD EXAM SSC</b>	
34		
35	<b>Revision / Tests</b> (Solution of questions of chapters 1, 2 & 3 from FBISE past papers)	
36	<b>Revision / Tests</b> (Solution of questions of chapters 7 & 8 from FBISE past papers)	<u>Kashmir day</u>
37	<b>Revision / Tests</b> (Solution of questions of chapters 4 & 5 from FBISE past papers)	
38	<b>Revision / Tests</b> (Solution of questions of chapters 9 & 10 from FBISE past papers)	
39	<b>Revision / Tests</b> (Solution of questions of chapters 11 & 12 from FBISE past papers)	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
40	<p style="text-align: center;"><b>Revision / Tests</b></p> <p style="text-align: center;">(Solution of questions of chapters 13 &amp; 6 from FBISE past papers)</p>	
41	<b>PREP LEAVES</b>	
<b>FBISE SSC EXAMINATION COMMENCES</b>		

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# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

## PHYSICS: CLASS-X

Punjab Text Book Board

Book - X

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p><b>Ice-Breaking at the Session Commencement</b>  <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i></p> <p>(Pages 2-7) <b>Unit 10: SIMPLE HARMONIC MOTION AND WAVES</b>, Simple harmonic motion, Damped oscillations  <i>Practical / Lab Work</i></p>	<p><u>Introduction of teacher, students and environment</u></p>
2	<p>(Pages 7-18) <b>Unit 10 (Contd):</b> Wave motion, Types of mechanical waves, waves as carriers of energy, Relation <math>V = f\lambda</math>, Ripple Tank, Exercise  <i>Practical / Lab Work</i></p>	<p><u>Importance of Labour Day</u>  <u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u></p>
3	<p>(Pages 19-28) <b>Unit 11: SOUND</b>, Sound waves, Characteristics of Sound, Reflection of Sound, Speed of Sound  <i>Practical / Lab Work</i></p>	<p><u>Celebration of Mother's Day</u></p>
4	<p>(Pages 28-35) <b>Unit 11 (Contd):</b> Noise Pollution, Importance of Acoustics, Audible Frequency Range, Ultrasound and its uses, Exercise  <i>Practical / Lab Work</i></p>	<p><u>Importance of Ramadan</u>  <u>Practice of Fazaian Honour Code 1</u></p>
5	<p>(Pages 36-42) <b>Unit 12: GEOMETRICAL OPTICS</b>, Reflection of light, Spherical mirrors, Image location by spherical mirrors  <i>Practical / Lab Work</i></p>	<p><u>Practice of Fazaian Honour Code 2</u></p>
6	<p>(Pages 42-47) <b>Unit 12 (Contd):</b> Refraction of light, Total Internal Reflection, Applications of total internal reflection,  <i>Practical / Lab Work</i></p>	<p><b>SUMMER SCHOOL-SSC</b></p>
7	<p>(Pages 47-53) <b>Unit 12 (Contd):</b> Lenses, Power of lenses, Image formation by lenses, Image location by lens equation  <i>Practical / Lab Work</i></p>	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
8	(Pages 54-58) <b>Unit 12 (Contd):</b> Application of lenses, Simple microscope, Compound Microscope, Telescope <i>Practical / Lab Work</i>	<b>SUMMER SCHOOL-SSC</b>
09	(Pages 59-67) <b>Unit 12 (Contd):</b> The Human Eye, Defects of Vision, Exercise <i>Practical / Lab Work</i>	
10	(Pages 68-74) <b>Unit 13: ELECTROSTATICS,</b> Production of Electric Charges, Electrostatic Induction, Electroscopes, Coulomb's Law <i>Practical / Lab Work</i>	<u>Practice of Fazaian Honour Code 3</u>
11	(Pages 74-82) <b>Unit 13 (Contd):</b> Electric Field and Electric Field Intensity, Electrostatic Potential, Capacitors and Capacitance, Combinations of Capacitors <i>Practical / Lab Work</i>	<u>Importance of Eid-UI-Azha</u> <u>Practice of Fazaian Honour Code 4</u>
12	(Pages 82-89) <b>Unit 13 (Contd):</b> Different Types of Capacitors, Applications of Electrostatics, Some Hazards of Static Electricity, Exercise. <i>Practical / Lab Work</i>	<u>Celebration of Independence Day</u> <u>Practice of Fazaian Honour Code 5</u>
13	(Pages 90-95) <b>Unit 14: CURRENT ELECTRICITY,</b> Electric Current, Conventional Current, Potential Difference <i>Practical / Lab Work</i>	<u>Practice of Fazaian Honour Code 6</u>
14	(Pages 95-99) <b>Unit 14 (Contd):</b> Electromotive Force (e.m.f), Ohm's Law. <i>Practical / Lab Work</i>	<u>Practice of Fazaian Honour Code 7</u>
15	Pages (99-104) <b>Unit 14 (Contd):</b> Factors Affecting Resistance, Conductors, Insulators, Combination of Resistors <i>Practical / Lab Work</i>	<u>Celebration of Defense Day</u> <u>Practice of Fazaian Honour Code 8</u>
16	(Pages 104 -109) <b>Unit 14 (Contd):</b> Electrical Energy and Joule's Law, Electric Power, D.C. and A.C. <i>Practical / Lab Work</i>	<u>Importance of Ashora-e-Moharram</u> <u>Practice of Fazaian Honour Code 9</u>
17	(Pages 109 -117) <b>Unit 14 (Contd)</b> Hazards and Safe use of Electricity, Exercise <i>Practical / Lab Work</i>	<u>Practice of Fazaian Honour Code 10</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
18	(Pages 118–123) <b>Unit 15: ELECTROMAGNETISM:</b> Magnetic Effects of a Steady Current, Force on Current Carrying Conductor Placed in a Magnetic Field. Turning Effect on a Current Carrying Coil in a Magnetic Field <i>Practical / Lab Work</i>	
19	(Pages 124–131) <b>Unit 15 (Contd):</b> D.C. Motors, Electromagnetic Induction, Direction of induced e.m.f. Lenz's Law, A.C. Generator, Mutual Induction	<u>Celebration of World Teacher's Day</u>
20	(Pages 131–138) <b>Unit 15 (Contd):</b> Transformer, High Voltage Transmission, Exercise <i>Practical / Lab Work</i>	
21	(Pages 139–145) <b>Unit 16: BASIC ELECTRONICS,</b> Thermionic Emission, Investigating the Properties of Electrons, Cathode-Ray Oscilloscope (C.R.O), Analogue and Digital Electronics <i>Practical / Lab Work</i>	
22	(Pages 145–154) <b>Unit 16 (Contd):</b> Basic operations of digital electronics-Logic Gates, NAND Gate, NOR Gate, Uses of logic gates, Exercise <i>Practical / Lab Work</i>	
23	<b>Revision</b>	
24	<b>SEND UP EXAMINATION SSC</b>	<u>Celebration of Iqbal's Day</u>
25		
26	(Pages 155–161) <b>Unit 17: INFORMATION AND COMMUNICATION TECHNOLOGY,</b> Information and Communication Technology, Components of Computer Based information System (CBIS), Flow of Information, Transmission of electrical signal through wires, Transmission of Radio-waves through space <i>Practical / Lab Work</i>	<u>Importance of Rabi-ul-Awal &amp; Seert-un-Nabi</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
27	(Pages 161–167) <b>Unit 17 (Contd):</b> Transmission of light signals through optical fibres, Information Storages Devices <i>Practical / Lab Work</i>	
28	(Pages 167–173) <b>Unit 17 (Contd):</b> Applications of Computer, Internet , Risks of ICT and Exercise <i>Practical / Lab Work</i>	
29	(Pages 174–180) <b>Unit 18: ATOMIC AND NUCLEAR PHYSICS</b> , Atom and Atomic Nucleus, Natural Radioactivity, Background Radiations, Nuclear Transmutations <i>Practical / Lab Work</i>	
30	(Pages 180–184) <b>Unit 18 (Contd):</b> Half–life and its measurement, Radio Isotopes and their uses <i>Practical / Lab Work</i>	<u>National Resolve Day to promote education</u>
31	(Pages 185–192) <b>Unit 18 (Contd):</b> Fission and Fusion reaction, Radiation Hazards and Safety measures, Exercise <i>Practical / Lab Work</i>	<u>Celebration of Quaid's Day</u>
32	<b>Revision</b>	
33	<b>PRE-BOARD EXAM SSC</b>	
34		
35	Revision and Tests: Ch # 10,11 (Solution of questions from FBISE Past Papers)	
36	Revision and Tests: Ch # 12,13 (Solution of questions from FBISE Past Papers)	<u>Kashmir day</u>
37	Revision and Tests: Ch # 14,15 (Solution of questions from FBISE Past Papers)	
38	Revision and Tests: Ch # 16,17 (Solution of questions from FBISE Past Papers)	
39	Revision and Tests: Ch # 18 (Solution of questions from FBISE Past Papers)	



Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
40	Revision of all Core Concepts (Solution of questions from FBISE Past Papers)	
41	<b>PREP LEAVES</b>	
<b>FBISE SSC EXAMINATION COMMENCES</b>		

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# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

## CHEMISTRY: CLASS-X

National Book Foundation, Islamabad

Book - X

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p><b>Ice-Breaking at the Session Commencement</b>  <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i>                      (Pages 3- 10) <b>Ch 09: CHEMICAL EQUILIBRIUM</b>, Introduction, Reversible reactions and dynamic equilibrium, Law of mass action, Conditions of Equilibrium  <b>Practical / Lab Work</b></p>	<p><u>Introduction of teacher, students and environment</u></p>
2	<p>(Pages 11 – 20) <b>Ch 09:</b> (contd): Conditions of Equilibrium, Importance of Equilibrium, Exercise  <b>Practical / Lab Work</b></p>	<p><u>Importance of Labour Day</u>  <u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u></p>
3	<p>(Pages 21- 29) <b>Ch 10: ACIDS, BASES AND SALTS</b>, Introduction, Concepts of Acids and Bases, Arrhenius Concept, Bronsted Concept, Lewis Concept  <b>Practical / Lab Work</b></p>	<p><u>Celebration of Mother's Day</u></p>
4	<p>(Pages 30 – 36) <b>Ch 10:</b> (contd): Lewis Concept, Self-ionization of water, Importance of Kw, pH Scales  <b>Practical / Lab Work</b></p>	<p><u>Importance of Ramadan</u>  <u>Practice of Fazaian Honour Code 1</u></p>
5	<p>(Pages 37-54) <b>Ch 10:</b> (contd): Use of Litmus paper, Salts, Methods of making Salts, Uses of Salts, Exercises  <b>Practical / Lab Work</b></p>	<p><u>Practice of Fazaian Honour Code 2</u></p>
6	<p>(Pages 55-62) <b>Ch 11: ORGANIC CHEMISTRY</b>, Introduction, Organic Compounds, Chemical diversity and magnitude of Organic Compounds, General Characteristics of Organic Compounds  <b>Practical / Lab Work</b></p>	<p><b>SUMMER SCHOOL-SSC</b></p>
7	<p>(Pages 63–68) <b>Ch 11:</b> (contd): Saturated and unsaturated hydrocarbon, Sources and uses of organic compounds, Alkane and Alkyl radicals  <b>Practical / Lab Work</b></p>	
8	<p>(Pages 69-75) <b>Ch 11:</b>(contd): Classification of Organic Compounds, Functional groups, Functional Groups containing Carbon, Hydrogen, Halogens and Oxygen, Aldehydes and Keytones  <b>Practical / Lab Work</b></p>	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
9	(Pages 76–82) <b>Ch 11:(contd):</b> Functional groups containing double and triple bonds, Unsaturated compounds discharge, Concepts in brief <b>Practical / Lab Work</b>	<b>SUMMER SCHOOL-SSC</b>
10	(Pages 83–88) <b>Ch 11:(contd):</b> Key points and exercise <b>Practical / Lab Work</b>	<u>Practice of Fazaian Honour Code 3</u>
11	(Pages 89-96) <b>Ch 12: HYDROCARBONS:</b> Introduction, Alkanes, Properties of Alkanes, Halogenation <b>Practical / Lab Work</b>	<u>Importance of Eid-UI-Azha</u> <u>Practice of Fazaian Honour Code 4</u>
12	(Pages 97-103) <b>Ch 12: (contd):</b> Combustion, Uses of methane, Alkenes, Methods of preparation of Alkenes, Properties of Alkenes, Alkynes <b>Practical / Lab Work</b>	<u>Celebration of Independence Day</u> <u>Practice of Fazaian Honour Code 5</u>
13	(Pages 104-110) <b>Ch 12: (contd):</b> Methods of preparation of Alkynes, Properties of Alkynes <b>Practical / Lab Work</b>	<u>Practice of Fazaian Honour Code 6</u>
14	(Pages 111-114) <b>Ch 12: (contd):</b> Exercise <b>Practical / Lab Work</b>	<u>Practice of Fazaian Honour Code 7</u>
15	(Pages 115-123) <b>Ch 13: BIOCHEMISTRY,</b> Introduction, Carbohydrates and classification, Sources and uses of Carbohydrates, Polysaccharides, Proteins <b>Practical / Lab Work</b>	<u>Celebration of Defense Day</u> <u>Practice of Fazaian Honour Code 8</u>
16	(Pages 124 – 129) <b>Ch 13: (contd):</b> Amino Acids and Building Blocks, Source and use of Proteins, Lipids, Fatty Acids, Sources and uses of Lipids <b>Practical / Lab Work</b>	<u>Importance of Ashora-e-Moharram</u> <u>Practice of Fazaian Honour Code 9</u>
17	(Pages 130 – 135) <b>Ch 13: (contd):</b> Nucleic Acids, Deoxyribonucleic Acid (DNA), Vitamins, Type of Vitamins, Source and uses of vitamins <b>Practical / Lab Work</b>	<u>Practice of Fazaian Honour Code 10</u>
18	(Pages 136–144) <b>Ch 13: (contd):</b> Type of Vitamins, Source and uses of vitamins, Brief concepts, Exercise	
19	(Pages 145 – 148) <b>Ch 14: ENVIRONMENTAL CHEMISTRY-I:ATMOSPHERE,</b> Introduction, Composition of atmosphere.	
20	(Pages 149 – 151) <b>Ch 14: ENVIRONMENTAL CHEMISTRY-I:ATMOSPHERE,</b> Layers of Atmosphere, The Troposphere, Stratosphere, Mesosphere, Thermosphere.	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
21	(Pages 152 – 157) <b>Ch 14</b> (contd): Air Pollutants, Sulphur Oxides, Carbon Monoxides, Nitrogen Oxide, Methane, Chlorofluorocarbons, Lead Compounds, Sources of air pollution, Global Warming <b>Practical / Lab Work</b>	
22	(Pages 158 – 166) <b>Ch 14:</b> (contd): Acid rain and its effects, Ozone depletion and its effect, Brief concepts Exercise. (Revision) <b>Practical / Lab Work</b>	
23	<b>Revision</b>	
24-25	<b>SEND UP EXAMINATION SSC</b>	<u>Celebration of Iqbal's Day</u>
26	(Pages 167 – 172) <b>Ch 15: ENVIRONMENTAL CHEMISTRY-II: WATER</b> , Introduction, Properties of Water, Importance of water, Properties of water, Composition of water <b>Practical / Lab Work</b>	<u>Importance of Rabi-ul-Awal &amp; Seert-un-Nabi</u>
27	(Pages 173 – 180) <b>Ch 15:</b> (contd): Water as a solvent, Soft and Hard water, Types of hardness of water, Methods of removing hardness, Methods to remove permanent hardness, Disadvantages of water hardness, Water pollution <b>Practical / Lab Work</b>	
28	(Pages 181 – 190) <b>Ch 15:</b> (contd): Society technology and science, Waterborne diseases, Distillation, Brief concepts, Exercise <b>Practical / Lab Work</b>	
29	(Pages 191–204) <b>Ch 16: CHEMICAL INDUSTRIES:</b> Introduction, Basic metallurgical operations, Refining of purification of metals , Solvey process, Advantages of Solvey process, Urea, Petroleum industry <b>Practical / Lab Work</b>	
30	(Pages 205 – 211) <b>Ch 16:</b> (contd): Petroleum industry, Fractional Distillation of petroleum,	<u>National Resolve Day to promote education</u>
31	(Pages 212 – 214) <b>Ch 16:</b> (contd): Exercise (Revision) <b>Practical / Lab Work</b>	<u>Celebration of Quaid's Day</u>
32	<b>Revision</b>	
33-34	<b>PRE-BOARD EXAM SSC</b>	
35	Revision and Tests: Ch # 9,10,11 (Solution of questions from FBISE Papers .....Last five years)	

<b>Academic Week</b>	<b>Unit/Chapter &amp; Topic</b>	<b>Personality Grooming Activities</b>
<b>36</b>	Revision and Tests: Ch # 12,13,14 (Solution of questions from FBISE Papers .....Last five years)	<u>Kashmir day</u>
<b>37</b>	Revision and Tests: Ch # 15,16, (Solution of questions from FBISE Papers .....Last five years)	
<b>38</b>	Revision and Tests: Ch # 9,10,11,12,13 (Solution of questions from FBISE Papers .....Last five years)	
<b>39</b>	Revision and Tests: Ch # 14,15,16, (Solution of questions from FBISE Papers ..... Last five years)	
<b>40</b>	Revision and Tests: Ch # 9,10,11,12,13,14,15,16, (Solution of questions from FBISE Papers..... Last five years)	
<b>41</b>	<b>PREP LEAVES</b>	
<b>FBISE SSC EXAMINATION COMMENCES</b>		

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# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

## BIOLOGY: CLASS-X

PLD Publishers, Lahore

Book - X

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p><b>Ice-Breaking at the Session Commencement</b>  <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i></p> <p>(Pages 1-11) <b>Chapter 10: Gaseous Exchange</b>, Gaseous exchange in plants, Gaseous exchange in Human, The lungs, The mechanism of breathing</p> <p><b>Practical / Lab Work</b></p>	<p><u>Introduction of teacher, students and environment</u></p>
2	<p>(Pages 11-17) <b>Chapter 10 (contd):</b> Respiratory disorders, Bad effects of smoking, Exercise</p> <p><b>Practical / Lab Work</b></p>	<p><u>Importance of Labour Day</u></p> <p><u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u></p>
3	<p>(Pages 18-29) <b>Chapter 11: Homeostasis</b>, Homeostasis in plants, Homeostasis in Humans, Urinary system of humans, Functioning of kidney, Disorders of kidney, Kidney failure &amp; transplant</p> <p><b>Practical / Lab Work</b></p>	<p><u>Celebration of Mother's Day</u></p>
4	<p>(Pages 29-31) <b>Chapter 11 (contd):</b> Exercise</p> <p><b>Practical / Lab Work</b></p>	<p><u>Importance of Ramadan</u></p> <p><u>Practice of Fazaian Honour Code 1</u></p>
5	<p>(Pages 32-39) <b>Chapter 12 Coordination &amp; Control</b>, Types of coordination, Human Nervous System Divisions of the Nervous system, Nerve cell, central nervous system, Brain, Spinal cord</p> <p><b>Practical / Lab Work</b></p>	<p><u>Practice of Fazaian Honour Code 2</u></p>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
6	(Pages 39-45) <b>Chapter 12 (contd):</b> Peripheral nervous system, Somatic nervous system, Reflex action, Receptors in Humans, Eye <b>Practical / Lab Work</b>	<b>SUMMER SCHOOL-SSC</b>
7	(Pages 45-52) <b>Chapter 12 (contd):</b> Ear, Endocrine system Feedback mechanism, Disorders of Nervous System <b>Practical / Lab Work</b>	
8	(Pages 53-56) <b>Chapter 12 (contd):</b> Exercise <b>Practical / Lab Work</b>	
9	(Pages 57-62) <b>Chapter 13 :Support &amp; Movement,</b> Human skeleton, Components of human skeleton <b>Practical / Lab Work</b>	
10	(Pages 62-68) <b>Chapter 13 (contd):</b> Types of joints, Muscle and movement, Disorders of skeletal system, Exercise <b>Practical / Lab Work</b>	<u>Practice of Fazaian Honour Code 3</u>
11	(Pages 69-72) <b>Chapter 14:Reproduction,</b> Introduction, Methods of asexual reproduction(Fragmentation) <b>Practical / Lab Work</b>	<u>Importance of Eid-UI-Azha</u> <u>Practice of Fazaian Honour Code 4</u>
12	(Pages 72-78) <b>Chapter 14 (contd):</b> Methods of asexual reproduction (Parthenogenesis), Vegetative propagation (Natural methods), Vegetative propagation(Artificial methods), Advantages and Disadvantages of Vegetative propagation of Plants <b>Practical / Lab Work</b>	<u>Celebration of Independence Day</u> <u>Practice of Fazaian Honour Code 5</u>
13	(Pages 78-80) <b>Chapter 14 (contd):</b> Sexual reproduction in flowering plants, <b>Practical / Lab Work</b>	<u>Practice of Fazaian Honour Code 6</u>
14	(Pages 80-86) <b>Chapter 14 (contd):</b> Pollination, Development & Structure of Seed, Germination of seed, Sexual reproduction in animals, Gametogenesis, fertilization <b>Practical / Lab Work</b>	<u>Practice of Fazaian Honour Code 7</u>
15	(Pages 87-93) <b>Chapter 14 (contd):</b> Reproduction in rabbit, Male reproductive system, Female reproductive system, Growth in human population, AIDS, Exercise <b>Practical / Lab Work</b>	<u>Celebration of Defense Day</u> <u>Practice of Fazaian Honour Code 8</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
16	(Pages 94-98) <b>Chapter 15: Inheritance</b> , Introduction to Genetics, Chromosomes & Genes, Watson-Crick Model of DNA, How does DNA work, Genotypes and its types <b>Practical / Lab Work</b>	<u>Importance of Ashora-e-Moharram</u> <u>Practice of Fazaian Honour Code 9</u>
17	(Pages 98-101) <b>Chapter 15 (contd):</b> Mendel's Law of inheritance, Law of Independent Assortment <b>Practical / Lab Work</b>	<u>Practice of Fazaian Honour Code 10</u>
18	(Pages 101 – 107) <b>Chapter 15 (contd):</b> Co-Dominance and Incomplete Dominance , Variations& Evolution, Mechanism of Evolution, <b>Practical / Lab Work</b>	
19	(Pages 108 – 111) <b>Chapter 15 (contd):</b> Artificial Selection Exercise <b>Practical / Lab Work</b>	<u>Celebration of World Teacher's Day</u>
20	(Pages 112-120) <b>Chapter 16 :Man and His Environment</b> , Levels of Ecological Organization, Components of Ecosystem, Flow of Material and Energy in Ecosystems, Biogeochemical Cycles, Carbon Cycle,	
21	(Pages 120-128) <b>Chapter 16 (contd):</b> Nitrogen Cycle, Interactions in Ecosystems, Symbiosis Mutualisms, Ecosystem balance and Human Impact,	
22	(Pages 129 – 136)) <b>Chapter 16 (contd):</b> Pollution : Consequences & Control of, Water Pollution Effects & Control, Conservation of Nature, Plans for Conversation of Nature, Exercise <b>Practical / Lab Work</b>	
23	<b>Revision</b>	
24-25	<b>SEND UP EXAMINATION SSC</b>	<u>Celebration of Iqbal's Day</u>
26	(Pages 137-143) <b>Chapter 17: Biotechnology</b> , Introduction, Genetic Engineering, Scope & Importance of Biotechnology, Fermentation in Biotechnology, Fermenter,	<u>Importance of Rabi-ul-Awal &amp; Seert-un-Nabi</u>
27	(Pages 144-147) <b>Chapter 17: Biotechnology</b> , Genetic Engineering, Achievements of Genetic Engineering, Single Cell Protein, <b>Practical / Lab Work</b>	



<b>Academic Week</b>	<b>Unit/Chapter &amp; Topic</b>	<b>Personality Grooming Activities</b>
<b>28</b>	(Pages 148-149) <b>Chapter 17 (contd):</b> Exercise	
<b>29</b>	(Pages 150-154) <b>Chapter 18 Pharmacology:</b> Pharmacology Introduction, Medicinal Drugs, Addictive Drugs, Drug Addiction & Associated Problems <b>Practical / Lab Work</b>	
<b>30</b>	(Pages 155-156) <b>Chapter 18 (contd):</b> Antibiotics And Vaccines, Exercise <b>Practical / Lab Work</b>	<u>National Resolve Day to Promote Education</u>
<b>31</b>	(Pages 157-158) <b>Chapter 18 (contd):</b> Exercise <b>Practical / Lab Work</b>	<u>Celebration of Quaid's Day</u>
<b>32</b>	<b>Revision</b>	
<b>33-34</b>	<b>PRE-BOARD EXAM SSC</b>	
<b>35</b>	Revision and test Ch # 10,11 (Solution of questions of chapter 10,11 from FBISE papers -----Last five years)	
<b>36</b>	Revision and test Ch # 12,13 (Solution of questions of chapter 12,13 from FBISE papers -----Last five years)	<u>Kashmir Day</u>
<b>37</b>	Revision and test Ch # 14,15 (Solution of questions of chapter 14,15 from FBISE papers -----Last five years)	
<b>38</b>	Revision and test Ch # 16,17 (Solution of questions of chapter 16,17 from FBISE papers -----Last five years)	
<b>39</b>	Revision and test Ch # 18, (Solution of questions of chapter from FBISE papers -----Last five years)	
<b>40</b>	Solution of FBISE Papers -----Last five years	
<b>41</b>	<b>PREP LEAVES</b>	
<b>FBISE SSC EXAMINATION COMMENCES</b>		

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## WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

### PAKISTAN STUDIES: CLASS –X

Gohar Publishers

Book - X

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p><b>Ice-Breaking at the Session Commencement</b>  <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i>                      (Pages 3-11) <b>Unit 5 History of Pakistan-II:</b> Z.A. Bhutto Era1 (1971-77): Main aspects of the Economic Reforms, 1973 Constitution, Impact of Nationalization on Industry, Commerce and Trade. Key Aspects of constitution of 1973 ,</p>	<p><u>Introduction of teacher, students and environment</u></p>
2	<p>(Pages 12-18) <b>Unit 5 (contd):</b> Zia Ul Haq Era (1977-88) major aspects of Islamization, Muhammad Khan Junejo period: 1985-88, Afghan Jihad and refugee problem, Benazir regimes(first and second),</p>	<p><u>Importance of Labour Day</u>  <u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u></p>
3	<p>(Pages 18-24) <b>Unit 5 (contd):</b> Nawaz Sharif Regimes (first and second), Pakistan emergence as a nuclear power Local self-government plan2000,</p>	<p><u>Celebration of Mother's Day</u>                      Speech contest: Pakistan as a first Islamic Nuclear state"</p>
4	<p>(Pages 25-27) <b>Unit 5 (contd):</b> Election 2002 and restoration of Democracy, Enlightened Moderation, Industrialization and Privatization, Economic Reforms introduced by Pervez Musharraf and Shaukat Aziz</p>	<p><u>Importance of Ramadan</u>                      Group Activity: Practice Election procedure in the classroom  <u>Practice of Fazaian Honour Code 1</u></p>
5	<p>(Pages 28-29) <b>Unit 5 (contd): Exercise.</b></p>	<p><u>Practice of Fazaian Honour Code 2</u></p>
6-09	<p><b>SUMMER VACATION</b>                      The Subject of Pak.Studies is not to be taught during Summer School</p>	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
10	<b>Revision of previous Core concepts</b> (Pages 30-35) <b>Unit 6 Pakistan in World Affairs:</b> Objectives of Pakistan Foreign Policy, Pakistan's Relations with neighbouring countries, ,	<u>Practice of Fazaian Honour Code 3</u>
11	(Pages 35-41) <b>Unit 6 (contd):</b> Kashmir Dispute, Pakistan's relations with O.I.C countries, Pakistan's relations with Central Asian Countries. Pakistan's relations with SAARC Countries	<u>Importance of Eid-UI-Azha</u> <u>Practice of Fazaian Honour Code 4</u> Arrange a round table group discussion on the topics : SAARC
12	(Pages 41-49) <b>Unit 6 (contd):</b> Pakistan's relations with the major world powers (USA, China, UK, EU, Russia and Japan), United Nation (Organs of UN),	<u>Celebration of Independence day</u> <u>Practice of Fazaian Honour Code 5</u> Arrange an exhibition with slogan " <b>Positive Pakistan</b> " on Pakistan's contribution to maintain peace and harmony in the world.
13	(Pages 49-53) <b>Unit 6 (contd):</b> Pakistan's contribution towards peace. <b>Exercise.</b>	<u>Practice of Fazaian Honour Code 6</u>
14	(Pages 54-58) <b>Unit 7 Economic Developments:</b> Economic Development in Pakistan through Decades,	<u>Practice of Fazaian Honour Code 7</u>
15	(Pages 59-64) <b>Unit 7: (contd)</b> Important Sectors of Economy Mining :Major Mineral Resources, Agriculture ,Agricultural Potential along with problems and measures,	<u>Defence day celebration</u> <u>Practice of Fazaian Honour Code 8</u>
16	(Pages 64-74) <b>Unit:7 (contd)</b> Agriculture: Water Resources and Irrigation System, Indus Water Treaty, Production and Distribution of Major Crops of Pakistan, Livestock, Fishing	<u>Importance of Ashora-e-Moharram</u> <u>Practice of Fazaian Honour Code 9</u>
17	(Pages 74-79) <b>Unit 7 (contd)</b> Pattern of Modernisation in Agriculture, Main Problems Associated with Agriculture, Solution of Agricultural Problems, Industries of Pakistan	<u>Practice of Fazaian Honour Code 10</u>
18	(Pages 79-82) <b>Unit 7 (contd)</b> Different Resources of Energy: Importance of energy resources, Electricity, Natural Gas, Petroleum, Coal,	Make a model related to energy resources

<b>Academic Week</b>	<b>Unit/Chapter &amp; Topic</b>	<b>Personality Grooming Activities</b>
<b>19</b>	(Pages 82-87) <b>Unit:7 (contd)</b> International Trade of Pakistan ,Major Imports and Exports of Pakistan, Composition of Pakistani Trade,	<u>World Teacher's Day</u>
<b>20</b>	(Pages 87-89) <b>Unit 7 (contd):</b> Directions of Pakistani Trade Balance Trade, Poverty Causes, Consequences and remedies of Poverty,	
<b>21</b>	(Pages 89-90) <b>Unit 7 (contd):</b> Importance of Sea-ports of Pakistan, Importance of Dry-ports of Pakistan ,	
<b>22</b>	(Pages 90-92) <b>Unit 7 (contd):</b> Exercise	Follow the activity given on Pg-92
<b>23</b>	<b>Revision</b>	
<b>24-25</b>	<b>SEND UP EXAMINATION SSC</b>	<u>Celebration of Iqbal's Day</u>
<b>26</b>	<b>Revision of previous Core concepts</b>	<u>Importance of Rabi-ul-Awal &amp; Seert-un-Nabi</u>
<b>27</b>	(Pages 93-96) <b>Unit 8 Population, Society and Culture :</b> Growth and Distribution of Population in Pakistan, Factors Affected on Growth of Population	
<b>28</b>	(Pages 96-101) <b>Unit:8 (contd)</b> Division of Population on Rural and Urban Basis, Division of population on Gender Basis, Education Condition in Pakistan, Educational Structure of Pakistan ,Educational Problems of Pakistan,	Compile a demographical censuses report, based on Educational sector
<b>29</b>	(Pages 101-106) <b>Unit:8 (contd)</b> Health Condition in Pakistan, Health Problems and Solutions ,Major Features of Pakistani Society and Culture,	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
30	(Pages 106-117) <b>Unit:8 (contd)</b> , Commonality in Regional Cultures Leading to National Integration and Cohesion, Major Social Problems of Pakistan, National and Regional Languages	<u>National Resolve Day to Promote Education</u> <b>Classroom Activity: Put-Ups</b>  <a href="http://www.tolerance.org/activity/put-ups">http://www.tolerance.org/activity/put-ups</a>  (Students are used to put-downs, but what about put-ups? This activity helps students to see the positive things that their classmates are doing and gives them skills to affirm each other across social boundaries)
31	(Pages 117-120) <b>Unit:8 (contd):</b> Role of Minorities in Pakistan, Exercise	<u>Quaid's Day Celebration</u> Collect quotations from Quaid's speeches, related to minorities' rights and role for making Pakistan prosperous
32	<b>Revision of previous Core concepts</b>	
33- 34	<b>PRE BOARD EXAM SSC</b>	
35	Revision and Tests: <b>Unit:5</b> Z.A.Bhutto Era(1971-77):Main aspects of the Economic Reforms, 1973 Constitution, Rules,1988-99: Zia Ul Haq Era (1977-88) major aspects of Islamization, Muhammad Khan Junejo period: 1985-88, Afghan Jihad and refugee problem, Benazir regimes(first and second), Nawaz Sharif Regimes (first and second), Pakistan emergence as a nuclear power Local self-government	
36	Revision and Tests: <b>Unit 6:</b> Objectives of Pakistan Foreign Policy, Pakistan's Relations with neighboring countries, Kashmir Dispute, Pakistan's relations with O.I.C countries, Pakistan's relations with Central Asian Countries. Pakistan's relations with SAARC Countries ,	<u>Kashmir Day</u> Show a short documentary on OIC, SAARC and Kashmir Dispute
37	Revision and Tests: <b>Unit 6:</b> Pakistan's relations with the major world powers (USA, China, UK, EU, Russia and Japan), United Nation (Organs of UN), Pakistan's contribution towards peace.	Talk on Hard work and Motivation

<b>Academic Week</b>	<b>Unit/Chapter &amp; Topic</b>	<b>Personality Grooming Activities</b>
<b>38</b>	Revision and Tests: <b>Unit 7:</b> Economic Developments: Economic Development in Pakistan through Decades, Major Sectors of Economy, Mining :Major Mineral Resources, Agriculture ,Agricultural Potential along with problems and measures, Pattern of Modernisation in Agriculture, Main Problems Associated with Agriculture, Solution of Agricultural Problems, Industries of Pakistan International Trade of Pakistan ,Major Imports and Exports of Pakistan,	
<b>39</b>	Revision and Tests <b>Unit 8:</b> Society and Culture : Growth and Distribution of Population in Pakistan, Factors Affected on Growth of Population ) Education Condition in Pakistan, Educational Structure of Pakistan, Educational Problems of Pakistan, Health Condition in Pakistan, Health Problems and Solutions	Talk on Honesty, Truthfulness and Compassion
<b>40</b>	Revision and Tests <b>Unit 8:</b> Major Features of Pakistani Society and Culture, Commonality in Regional Cultures Leading to National Integration and Cohesion, Major Social Problems of Pakistan, National and Regional Languages , Role of Minorities in Pakistan	
<b>41</b>	<b>PREP LEAVES</b>	
<b>ANNUAL BOARD EXAM (PLAIN AREAS)</b>		

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## WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

### مضمون: اسلامیات

اسلامیات لازمی

جماعت: دہم

پنجاب کریکولم اینڈ ٹیکسٹ بک بورڈ، لاہور

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
<u>Introduction of teacher, students and environment</u>	<p><b>Ice-Breaking at the Session Commencement</b>  <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i></p> <p>تعارف - سورۃ الاحزاب کا پس منظر                      (صفحہ نمبر 27 تا 28) درس الارابع (الف) - سورۃ الاحزاب -                      آیت نمبر ۸ تا ۸ مفہوم اور تشریح و تفسیر - لفظی و با محاورہ ترجمہ، التمارین</p>	1
<u>Importance of Labour Day</u> <u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u>	<p>(صفحہ نمبر 29 تا 30) درس الارابع (ب) - سورۃ الاحزاب -                      آیت نمبر ۹ تا ۲۰ مفہوم اور تشریح و تفسیر - لفظی و با محاورہ ترجمہ،</p>	2
<u>Celebration of Mother's Day</u>	<p>(صفحہ نمبر 31) درس الاول (ب) - سورۃ الاحزاب -، التمارین</p>	3
<u>Importance of Ramadan</u> <u>Fazaian Honour Code 1</u>	<p>(صفحہ نمبر 32 تا 33) درس الارابع (ج) - سورۃ الاحزاب - آیت نمبر                      ۲۱ تا ۲۷ مفہوم اور تشریح و تفسیر - لفظی و با محاورہ ترجمہ، التمارین</p>	4
<u>Practice of Fazaian Honour Code 2</u>	<p>(صفحہ نمبر 34 تا 35) درس الخامس (الف) - سورۃ الاحزاب - آیت نمبر ۲۸ تا                      ۳۴ مفہوم اور تشریح و تفسیر - لفظی و با محاورہ ترجمہ، التمارین</p>	5
	<p><b>SUMMER VACATION</b>                      The Subject of Islamiat is not to be taught during Summer School</p>	6-9
<u>Practice of Fazaian Honour Code 3</u>	<p>(صفحہ نمبر 36 تا 37) درس الخامس (ب) سورۃ الاحزاب، آیات ۳۵ تا ۴۰ مفہوم و                      تشریح و تفسیر، لفظی و با محاورہ ترجمہ، التمارین (صفحہ ۳۸ تا ۳۹)،</p>	10

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
Importance of Eid ul Azha Practice of Fazaian Code 4	(صفحہ نمبر 38 تا 39) درس الخامس (ج) سورة الاحزاب آیات ۵۲ تا ۵۳، مفہوم، ترجمہ و تشریح، لفظی و با محاورہ ترجمہ	11
Celebration of Independence day Practice of Fazaian Code 5	(صفحہ نمبر 39) درس الخامس (ج) التمارین	12
3 min talk Practice of Fazaian Code 6	(صفحہ نمبر 40 تا 41) درس السادس (الف) سورة الاحزاب، آیات ۵۳ تا ۵۸ مفہوم و تشریح، لفظی و با محاورہ ترجمہ	13
Practice of Fazaian Code 7	(صفحہ نمبر 41) درس السادس (الف) التمارین	14
Defence day celebration Practice of Fazaian Code 8	(صفحہ نمبر 42) درس السادس (ب) سورة الاحزاب، آیات ۵۹ تا ۶۸، لفظی و با محاورہ ترجمہ و تشریح	15
Importance of Ashora e Muharram Practice of Fazaian Code 9	(صفحہ نمبر 43) درس السادس (ب) التمارین	16
Practice of Fazaian Code 10	(صفحہ نمبر 44) درس السادس (ج) سورة الاحزاب، آیات ۶۹ تا ۷۳، لفظی و با محاورہ ترجمہ و تشریح، التمارین	17
Motivational talk on religious tolerance	(صفحہ نمبر 52 تا 53) الجز الثانی، مین ہدی الحدیث، حدیث نمبر ۱۱ تا ۱۳ لفظی و با محاورہ ترجمہ، مفہوم، تشریح، وضاحت	18
Celebration of World Teacher's Day	(صفحہ نمبر 53) الجز الثانی، مین ہدی الحدیث، حدیث نمبر ۱۴ تا ۱۵ لفظی و با محاورہ ترجمہ، مفہوم، تشریح، وضاحت	19
	(صفحہ نمبر 67 تا 69) الجز الثالث، موضوعاتی مطالعہ، طہارت اور جسمانی صفائی، تعارف، وضو، غسل،، مشق	20
	(صفحہ نمبر 70 تا 71) الجز الثالث، موضوعاتی مطالعہ، صبر و شکر، ہماری انفرادی اور اجتماعی زندگی، مشق	21
	(صفحہ نمبر 72 تا 74) الجز الثالث، موضوعاتی مطالعہ، عائلی زندگی کی اہمیت، مشق	22



Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
	دہرائی	23
<u>Celebration of Iqbal's Day</u>	<b>SEND-UP EXAMINATION SSC</b>	24- 25
<u>Importance of Rabi-ul-Awal &amp; Seert-un-Nabi</u>	(صفحہ نمبر 53 تا 54) الجز الثانی، مین ہدی الحدیث، حدیث نمبر ۱۶ تا ۲۰ لفظی و با محاورہ ترجمہ، مفہوم، تشریح، وضاحت	26
	(صفحہ نمبر 45 تا 46) درس السابغ (الف) سورة الممتحنہ، آیات ۶ تا ۶ مفہوم، تشریح و تفسیر، لفظی و با محاورہ ترجمہ، التمارین	27
	(صفحہ نمبر 47 تا 48) درس السابغ (ب) سورة الممتحنہ، آیات ۷ تا ۱۳ مفہوم، تشریح و تفسیر، لفظی و با محاورہ ترجمہ	28
	(صفحہ نمبر 48) درس السابغ (ب) التمارین	29
<u>National Resolve Day to Promote Education</u>	(صفحہ نمبر 75 تا 78) الجز الثالث، موضوعاتی مطالعہ، ہجرت و جہاد، مشق	30
<u>Quaid's Day Celebration</u>	(صفحہ نمبر 79 تا 80) الجز الثالث، موضوعاتی مطالعہ، حقوق العباد (انسانی رشتوں اور تعلقات سے متعلق حضور اکرم ﷺ کی سیرت اور ارشادات)، مشق	31
Sharing New Year Resolutions	<b>(Revision of all core concepts)</b> دہرائی: الجز الاول۔ سورة الاحزاب آیات ۳۵ تا ۳۵	32
	<b>PRE BOARD EXAM SSC</b>	33- 34
<u>Revision of Honour Codes</u>	دہرائی: الجز الاول۔ سورة الاحزاب آیات ۳۶ تا ۵۸	35
<u>Kashmir Day</u>	دہرائی: درس السابغ۔ سورة الممتحنہ آیات ۱۳ تا ۱۳،	36
Talk on Hard work and Motivation	دہرائی، ٹیسٹ: احادیث، حدیث نمبر ۱۱ تا ۲۰	37

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
	دہرائی, ٹیسٹ: موضوعاتی مطالعہ، طہارت و جسمانی صفائی، تعارف، وضو، غسل، صبر و شکر اور ہماری انفرادی و اجتماعی زندگی	38
Talk on Honesty, Truthfulness and Compassion	دہرائی, ٹیسٹ: موضوعاتی مطالعہ، عائلی زندگی کی اہمیت، ہجرت و جہاد	39
	دہرائی, ٹیسٹ: موضوعاتی مطالعہ، حقوق العباد، حضور اکرم ﷺ کی سیرت اور ارشادات	40
	PREP LEAVES	41
ANNUAL EXAM (PLAIN AREAS)		

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# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

## COMPUTER SCIENCE: CLASS-X

NATIONAL BOOK FOUNDATION

Book - X

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p style="text-align: center;"><b>Ice-Breaking at the Session Commencement</b>  <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i></p> <p>(Pages 8-11) <b>Chapter 01: Programming Techniques</b>, Defining the Problem, Analyzing the Problem, Planning the Solution, Candid the Solution and Select the Best Solution.</p>	<p><u>Introduction to teacher</u> / <u>interaction of students</u></p>
2	(Pages 11-18) <b>Chapter 01 (contd):</b> The Algorithm, Role of Algorithm in Problem Solving, Measuring Efficiency of an Algorithm and Algorithms for Solving Problems	<u>Importance of Labour day</u>
3	(Pages 18-27) <b>Chapter 01(contd):</b> Flowchart, Importance of Flowchart, Steps for Drawing Flowcharts, Flowchart Symbols, Flowcharts to Solve Problems	<u>Celebration of mother's day</u>
4	(Pages 28-29) <b>Chapter 01 (contd):</b> Key Points, Exercise, Short Questions and Extensive Questions	<p><u>Importance of Ramadan</u></p> <p><u>Practice of Fazaian Honour Code 1</u></p>
5	(Pages 30-35) <b>Chapter 02 Programming in C</b> , Introduction, Programming Languages, Characteristics of High level Languages, Popular High Level Languages, and Compiler & Interpreter. <b>Lab Activity:</b> Installation of C – Compiler	<u>Practice of Fazaian Honour Code 2</u>
6	(Pages 36-42) <b>Chapter 02 (contd):</b> Programming Environment, IDE, IDE of C, Programming Basics, C Language Character Set, Reserved Words, Header Files, Structure of a C Program and Comments in C Language	<b>SUMMER SCHOOL-SSC</b>
7	(Pages 43-48) <b>Chapter 02 (contd):</b> Constants and Variables, Rules for Specifying variable names, Data Types used in C Programs. Typecasting in C Language and the Constant qualifier. <b>Lab Activity:</b> - Familiarization with IDE of C – Compiler.	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
8	(Pages 49-51) <b>Chapter 02 (contd):</b> Key Points, Exercise, Short Questions and Extensive Questions. <b>Lab Activity:</b> Write some programmes using printf ( ), Scanf ( ), Format, Specifier, Escape Sequences, getch	<b>SUMMER SCHOOL-SSC</b>
9	<b>REVISION</b>	
10	(Pages 52-55) <b>Chapter 03 :Input and Output Handling,</b> Introduction, Input and Output Functions, Output Functions, Displaying Single Characters, Displaying Strings and Displaying Text, Variables, Constants and Expressions.	<u>Practice of Fazaian Honour Code 3</u>
11	(Pages 55-64) <b>Chapter 03 (contd):</b> Input Functions, Statement Terminator and Format Specifiers.	<u>Importance of Eid ul Azha</u> <u>Practice of Fazaian Honour Code 4</u>
12	(Pages 64-76) <b>Chapter 03 (contd):</b> Escape Sequence, Arithmetic Operators, Assignment Operators, Relational Operators, Logical Operators, Increment and Decrement operators, Difference between Assignment and Equal To Operator, Difference between Unary and Binary Operators, Conditional Operator and Order of Precedence of Operators, <b>Lab activities:</b> Solving arithmetic problems to calculate average, percentage, and grades etc. Calculating area, volumes, parameters of some geometric shapes	<u>Celebrations of Independence Day</u> <u>Practice of Fazaian Honour Code 5</u>
13	(Pages 76-79) <b>Chapter 03 (contd):</b> Key Points, Exercise, Short Questions and Extensive Questions.	<u>Practice of Fazaian Honour Code 6</u>
14	(Pages 80-85) <b>Chapter 04 Conditional Control Structure:</b> Introduction, Control Structure, Control Statement, Conditional Statement, Structure of IF Statement, Use of IF Statement, Structure of IF-ELSE Statement and use of IF-ELSE Statement.	<u>Practice of Fazaian Honour Code 7</u>
15	(Pages 85-92) <b>Chapter 04 (contd):</b> Structure Of IF-ELSE-IF Statement, Use of IF-ELSE-IF Statement and Switch Statement. <b>Lab Activity:</b> Comparing numbers	<u>Celebrations of Defence Day</u> <u>Practice of Fazaian Honour Code 8</u>
16	(Pages 92-96) <b>Chapter 04 (contd):</b> Advantages and Limitation of Switch Statement, Using Conditional Operator in Program and Nested Selection Structure <b>Lab Activity:</b> Solving quadratic Equation	<u>Importance of Ashora e Moharram</u> <u>Practice of Fazaian Honour Code 9</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
17	(Pages 96-99) <b>Chapter 04 (contd):</b> Key points and Exercise, Short Questions, Extensive Questions and Lab Activities. <b>Lab Activity:</b> Finding factorial of given numbers	<u>Practice of Fazaian Honour Code 10</u>
18	<b>REVISION</b>	
19	(Pages 100-108) <b>Chapter 05: Loop Control Structure,</b> Introduction, Loop Structure, Types of Loop Structures, The FOR Statement, <b>Lab Activity:</b> Finding Table of a given number	<u>World's Teachers Day</u>
20	(Pages 109 – 114) <b>Chapter 05 (contd):</b> The WHILE Statement, The DO WHILE Statement and difference between WHILE () and DO-WHILE () Loops. <b>Lab Activity:</b> Generating / Summing of simple series (even/odd)	
21	(Pages 115 – 120) <b>Chapter 05 (contd):</b> The Break and Continue Statement and Nested Loops.	<u>3 min talk</u>
22	(Pages 121 – 123) <b>Chapter 05 (contd):</b> Key Points, Exercise, Short Questions, Extensive Questions and Lab Activities.	
23	<b>REVISION</b>	
24-25	<b>SEND UP EXAM SSC</b>	<u>Celebration of Iqbal's Day</u>
26	(Pages 124-129) <b>Chapter 06 : Computer Logic and Gates,</b> Introduction, Data Representation in Computer, Logic Gates, Digital Logic and Logic Gates, Basic Logic Gates, Truth table and Logic Gates and their Truth Tables.	<u>Importance of Rabi- ul-awal</u>
27	(Pages 129– 135) <b>Chapter 06 (contd):</b> Creating NAND, NOR, XOR, and XNOR Gates using Basic Gates, Conversion of Boolean Function to logic circuit, Karnaugh Map, Simplification of Two-Variable Boolean Function Using Karnaugh Map, Simplification of Three-Variable Boolean Function Using Karnaugh Map and Building Logic Circuit from Simplified Boolean Expression.	
28	(Pages 136-137) <b>Chapter 6 (contd):</b> Key Points, Exercise, Short Questions and Extensive Questions.	

<b>Academic Week</b>	<b>Unit/Chapter &amp; Topic</b>	<b>Personality Grooming Activities</b>
<b>29</b>	(Pages 138-149) <b>Chapter 7: Worldwide Web and HTML</b> , Introduction, Terms related with Worldwide web, Types of Websites	
<b>30</b>	(Pages 149-160) <b>Chapter 07 (contd)</b> : Introduction to HTML, Creating and Displaying HTML Document, Tags used to Mark-Up-HTML Elements, The HTML, Head and Body Tags, Text Formatting, Basics of Text Formatting and Text Formatting tags, Using Text Formatting Tags.	<u>National Resolve Day</u>
<b>31</b>	(Pages 160-171) <b>Chapter 07 (contd)</b> : Creating Lists in HTML, Types of Lists, Creating Lists, Images and Backgrounds, Adding image in a web page, Specifying Image Size in a web Page, Applying Background and Foreground colours and Applying background Image. <b>Lab Activity</b> : Create a webpage / website involving Lists, Images and backgrounds.	<u>Celebration of Quaid's Day</u>
<b>32</b>	(Pages 171-187) <b>Chapter 07 (contd)</b> : Hyperlinks, Anchor tags, Creating a Hyperlink to a web page, creating a Hyperlink within a web page, Creating a Graphical hyperlink, Creating Tables, Creating Frames. Key Points, Exercise, Short Questions, Extensive Questions and Lab Activities <b>Lab Activity</b> : Create a webpage / website involving Hyperlinks and Tables	
<b>33-34</b>	<b>PRE BOARD EXAM SSC</b>	
<b>35</b>	Revision and test Ch # 01 and 02	
<b>36</b>	Revision and test Ch # 03	<u>Kashmir Day</u>
<b>37</b>	Revision and test Ch # 04	Talk on Hard work and Motivation
<b>38</b>	Revision and test Ch # 05	
<b>39</b>	Revision and test Ch # 06 & 7	
<b>40</b>	Revision and test Ch # 1-7	
<b>41</b>	<b>PREP LEAVES</b>	
<b>FBISE SSC EXAMINATION COMMENCES</b>		

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