



# **WEEKLY SYLLABI BREAKDOWN**

**Academic Session: 2018-19**

**Class IX**

**Fazaia Teachers' Training Institute**

**PAF Complex, E-9, Islamabad**

**April, 2018**

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# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2018-19

## ENGLISH: CLASS-IX

Punjab Text Book Board

Book - IX

| Academic Week | Unit/Chapter & Topic  | Personality Grooming Activities  |
|---------------|---|--|
| 1             | <b>Ice-Breaking at the Session Commencement</b><br><i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i><br>Tenses : Definition, formation , Recognition in Urdu | <u>Introduction of teacher, students and school environment</u><br><u>Spring Day</u>   |
| 2             | Tenses : Definition, formation , Recognition in Urdu  | <u>Practice of Fazaian Honour Code 1</u><br><u>3 minute talk by 2-3 students in each class daily in every week revealing their talents and building their confidence</u> |
| 3             | (Pages 1-4) <b>Unit 1: The Saviour of Mankind:</b> Reading, vocabulary, explanation, suffixes, prefixes   | <u>Talk on National Security</u><br><u>Practice of Fazaian Honour Code 2</u>   |
| 4             | (Pages 5-11) <b>Unit 1 (Contd):</b> Comprehension, Vocabulary, Grammar, Writing Skills & Oral Communication Skills Exercises.   | <u>Practice of Fazaian Honour Code 3</u>   |
| 5             | (Pages 12-14) <b>Unit 2: Patriotism:</b> Reading, Vocabulary, Explanation, Grammar, Writing Skills & Exercises.<br><b>Grammar:</b> Rules to Change Gender, Sentences Formation  | <u>Importance of Labour Day</u><br><u>Practice of Fazaian Code 4</u>   |
| 6             | (Pages 15-20) <b>Unit 2 (contd):</b> Glossary, Comprehension, Vocabulary, Pronunciation, Grammar, and Writing Skills & Exercises.<br><b>Grammar:</b> Paragraph Writing  | <u>Practice of Fazaian Code 5</u><br><u>Celebration of Mother's Day</u>  |
| 7             | (Pages 21-25) <b>Unit 3 Media and its Impact:</b> Comprehension, Vocabulary<br><b>Grammar and Composition:</b> Letter Writing, Punctuation  | <u>Importance of Ramdan</u><br><u>Practice of Fazaian Honour Code 6</u>  |
| 8             | (Pages 25-31) <b>Unit 3 (Contd) :</b> Vocabulary, Grammar, Writing Skills & Oral Communication Skills Exercises<br><b>Grammar:</b> Tenses, Phrasal Verbs  | <u>Practice of Fazaian Honour Code 7</u>   |
| 9             | <p style="text-align: center;"><b>Revision of all previous concepts</b></p> (Pages 32-38) Unit 4 Hazrat Asma (R.A) : Comprehension,   |  |

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|-----------|---|--|
|           | Vocabulary, Grammar, Writing Skills & Oral Communication Skills Exercises<br>Grammar: Tenses, Translation: Urdu to English  |  |
| <b>10</b> | (Pages 39-45) Unit 4 (Contd): Cataphoric & Anaphoric References: Comprehension, Vocabulary.<br>Composition: Dialogue Writing  | <u>Practice of Fazaian Honour Code 8</u>                                     |
| <b>11</b> | (Pages 46-49) Review I – Unit 1-4<br>Composition: Passage Comprehension   |  |
| <b>12</b> | (Pages 50-56) Unit 5: Daffodils Grammar, Writing Skills & Oral Communication Skills Exercises.  |  |
| <b>13</b> | (Pages 57-61) Unit 5 (Contd) : Comprehension, Vocabulary.<br>Grammar: Change of Voice   |  |
| <b>14</b> | (Pages 62-65) Unit 6 The Quaid's vision and Pakistan: Connotation & Denotation, Dictionary Skills, Grammar, Writing Skills & Oral Communication Skills Exercises.<br>Grammar: Change of Voice | <u>Practice of Fazaian Code 9</u>  |
| <b>15</b> | (Pages 67-72) Unit 6 : (Contd) Grammar, Writing Skills & Oral Communication Skills Exercises<br>Grammar: Change of Voice  | <u>Celebration of Independence day</u>                                       |
| <b>16</b> | (Pages 73-76) Unit 7 Sultan Ahmad Mosque : Reading, Vocabulary, Comprehension<br>Grammar: Change of Voice   | <u>Importance of Eid ulAzha</u>  |
| <b>17</b> | (Pages 77-80) Unit No 7 (Contd) : Grammar, Writing Skills<br>Grammar: Reinforcement, Exercises on Active and Passive Voice  |  |
| <b>18</b> | (Pages 81-84) Unit 8 Stopping by Woods on a Snowy Evening: Comprehension, Vocabulary  | <u>Celebration of Defence day</u><br><br><u>Practice of Fazaian Code 10</u>  |
| <b>19</b> | (Pages 85-88) Unit 8 (Contd) Grammar: Writing Skills & Oral Communication Skills Exercises  |  |
| <b>20</b> | (Pages 89-92)Review II – Unit 5-8 Composition: Reinforcement Exercises on Letter Writing  | <u>Importance of Ashora-e-Moharam</u><br><br><u>Revision of Honour Codes</u> |
| <b>21</b> | (Pages 93-94) Unit 9 : All is not Lost Comprehension, Vocabulary  |  |

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|              | Grammar : Reinforcement Exercises on Parts of Speech  |  |
| <b>22</b>    | (Pages 95-96) Unit 9 (Contd): Comprehension, Vocabulary<br>Grammar: Reinforcement Exercises on Phrasal Verbs,<br>Translation: Urdu to English                                       | <u>Revision of Honour Codes</u>  |
| <b>23</b>    | (Pages 97-103) Unit 9 (Contd): Comprehension, Vocabulary<br>Grammar: Reinforcement Exercises on Translation: Urdu to English<br>Reinforcement Exercises on Active and Passive Voice |  |
| <b>24</b>    | Revision of all core concepts<br>Grammar and Composition: Dialogue Writing and Parts of Speech  | <u>Revision of Honour Codes</u>  |
| <b>25-26</b> | <b>SEND UP EXAM SSC</b>   |  |
| <b>27</b>    | (Pages 104-105) Unit 10 : Drug Addiction:<br>Grammar :Writing Skills & Oral Communication Skills Exercises  | <u>Celebration of Iqbal's Day</u><br><br><u>Revision of Honour Codes</u> |
| <b>28</b>    | (Pages 106-107) Unit 10 (Contd):<br>Grammar :Writing Skills & Oral Communication Skills Exercises   |  |
| <b>29</b>    | (Pages 108-110) Units 10 (Contd): Comprehension, Vocabulary<br>Composition : Reinforcement Exercises on Letter Writing  | <u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>                      |
| <b>30</b>    | (Pages 111-120) Units 11 Noise in the Environment :<br>Comprehension, Vocabulary Communication skills exercise<br>Composition: Reinforcement Work on Paragraph Writing              | <u>Revision of Honour Codes</u>  |
| <b>31</b>    | (Pages 121-122) Units 11 (Contd) : writing skills, Active/ Passive  | <u>Revision of Honour Codes</u>  |
| <b>32</b>    | (Pages 123-128) Units 12 : Three Days To See:<br>Comprehension, Vocabulary , Exercise on Translation  | <u>National Resolve day to promote education</u>                         |
| <b>33</b>    | (Pages 129-133) Units 12 : (Contd) : Communication skill Exercise, writing skills, Parts of speech<br>(Pages 134-138) REVIEW III UNIT 9-12  | <u>Celebration of Quaid's Day</u><br><br><u>Revision of Honour Codes</u> |
| <b>34</b>    | <b>REVISION</b>   |  |

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|--|---|---------------------------------|
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| <b>35-36</b>                           | <b>PRE- BOARD EXAM SSC</b>  |                                 |
| <b>37</b>                              | Revision and Tests: units # 1,2,3 and related grammar topics<br>(Solution of questions of units # 1,2,3 and related grammar topics from FBISE Papers ,2014,2015,2016,2017,2018) |                                 |
| <b>38</b>                              | Revision and Tests: units # 4,5,6 and related grammar topics<br>(Solution of questions of units # 4,5,6 and related topics from FBISE Papers,2014,2015,2016,2017,2018)          | <u>Revision of Honour Codes</u> |
| <b>39</b>                              | Revision and Tests: units # 7,8,9 and related grammar topics<br>(Solution of questions of units # 7,8,9 and related topics from FBISE Papers,2014,2015,2016,2017,2018)          | Kashmir's Day                   |
| <b>40</b>                              | Revision and Tests: units # 10,11,12 and related grammar topics<br>(Solution of questions of units # 10,11,12 and related topics from FBISE Papers,2014,2015,2016,2017,2018)    | <u>Revision of Honour Codes</u> |
| <b>41</b>                              | <b>Solution of FBISE Papers 2014, 2015,2016,2017,2018</b>   |                                 |
| <b>42</b>                              | <b>Solution of FBISE Papers 2014, 2015,2016,2017,2018</b>   |                                 |
| <b>43</b>                              | <b>Solution of FBISE Papers 2014, 2015,2016,2017,2018</b>   |                                 |
| <b>44</b>                              | <b>PREP-LEAVE</b>   |                                 |
| <b>FBISE SSC EXAMINATION COMMENCES</b> |   |                                 |

# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2018-19

مضمون: اُردو

جماعت: نہار دو پنجاب نیکسٹ بک بورڈ + قواعد و انشاء پنجاب نیکسٹ بک بورڈ

| Personality Grooming Activities  | Unit/Chapter & Topic   | Academic Week |
|--|--|---------------|
| Introduction of teacher, students and school environment<br>Spring Day   | <b>Ice-Breaking at the Session Commencement</b><br>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling] | 1             |
| Practice of Fazaian Honour Code 1  | حصہ نثر۔ سبق نمبر ۱۔ ہجرت نبوی ﷺ، مشق۔   | 2             |
| Practice of Fazaian Honour Code 2  | حصہ نثر۔ سبق نمبر ۲۔ مرزا غالب کے عادات و خصائل، مشق۔  | 3             |
| Practice of Fazaian Honour Code 3  | رسمی اور غیر رسمی خطوط میں فرق، غیر رسمی خط کا نمونہ۔<br>مختلف انداز بیاں کا فرق (صحافتی، دفتری، قانونی، تکنیکی اور ادبی)                                  | 4             |
| Practice of Fazaian Honour Code 4  | خطوط نویسی۔ دوست کی کامیابی پر مبارک باد کا خط<br>رسمی خط۔ اخبار کے ایڈیٹر کے نام شہر میں ٹریفک کی بے قاعدگی پر  | 5             |
| Importance of Labour Day<br>Practice of Fazaian Honour Code 4  | حصہ نثر۔ سبق نمبر ۳۔ کابلی، مشق، مضمون بحیثیت صنف نثر  | 6             |
| Celebration of Mother's Day<br>Practice of Fazaian Honour Code 5   | حصہ نظم۔ حمد، مشق۔ مختلف اصناف سخن میں فرق کرنا، حمد اور نعت کی تعریف  | 7             |
| Importance of Ramdan<br>Group activity: Creation of a scrap book containing عبادات and their illustrations.<br>Practice of Fazaian Honour Code 6 | معاورہ کی تعریف اور استعمال، روداد نویسی کا طریقہ<br>سکول میں منعقدہ محفل میلاد کی تقریب کی روداد، ردیف، قافیہ کی پہچان                                    | 8             |
| Practice of Fazaian Honour Code 7  | حصہ نظم۔ نعت، مشق۔ والد کے نام اپنی کامیابی پر خط  | 9-12          |
|  | <b>SUMMER VACATION</b><br><b>The Subject of Islamiyat not to be taught during Summer School</b>  |               |
|  | حصہ نثر۔ سبق نمبر ۴۔ شاعروں کے لطیفے، مشق۔ جملے کے اجزائے ترکیبی کی تعریف کرنا   | 13            |
| Practice of Fazaian Honour Code 8  | سبق نمبر ۵۔ نصوص اور سلیم کی گفتگو، مشق۔<br>ترکیب نحوی، جملہ اسمیہ اور جملہ فعلیہ میں امتیاز کرنا، مبتدا اور خبر کا فرق اور آگاہی                          | 14            |
| Practice of Fazaian Honour Code 9<br>Celebration of  | حصہ نثر۔ سبق نمبر ۶۔ پنچایت، مشق۔  | 15            |

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| <u>Independence Day</u>  | مرکب کی تعریف، مرکب اضافی اور عطفی، مرکب تام اور مرکب ناقص میں فرق کرنا  |       |
| <u>Importance of Eid ulAzha</u><br>Creating a bookmark with the definitions of components of a ghazal                        | غزل کی تعریف اور ارتقا، مصرع، شعر، بند سے آگاہی<br>حصہ غزل۔ غزل نمبر ۱۔ ”ہستی اپنی حباب کی سی ہے“ میر کی غزل۔            | 16    |
| Bait Bazi Competition<br>Creating an informational booklet with the definitions and examples of مطلع، مقطع، ردیف، قافیہ etc. | حصہ غزل۔ غزل نمبر ۱۔ مشق۔<br>مطلع، مقطع، ردیف، قافیہ، ذو معنی الفاظ کا استعمال   | 17    |
| <u>Defence Day Celebration</u><br><br><u>Practice of Fazaian Honour Code 10</u>  | حصہ غزل۔ غزل نمبر ۲۔ ”رخ و زلف پر جان کھویا کیا“ خواجہ حیدر علی آتش کی غزل، مشق۔<br>استعارہ اور اس کے ارکان              | 18    |
|  | حصہ نثر۔ سبق نمبر ۷۔ آرام و سکون، مشق۔ ذو معنی الفاظ کا استعمال<br>تشبیہ کی تعریف اور ارکان تشبیہ                        | 19    |
| <u>Importance of Ashora-e-Moharam</u><br><br><u>Making a poster of :</u><br>مکالمہ نویسی کے اصول                             | حصہ نثر، سبق نمبر ۷۔<br>ڈرامہ کی تعریف، مکالمہ نویسی کے اصول، دو دوستوں میں امتحان کی تیاری کے بارے میں مکالمہ           | 20    |
| <u>Revision of Fazaian Honour Codes</u>  | حصہ نثر۔ سبق نمبر ۸۔ لہو اور قالین، مشق۔<br>اصنافِ نثر میں امتیاز، محسن نظم کی تعریف                                     | 21    |
| <u>Celebration of World's Teacher's Day</u>  | حصہ نظم۔ نظم نمبر ۳۔ برسات کی بہاریں، مشق۔<br>چھوٹے بھائی کے نام سگریٹ نوشی سے پرہیز کیلئے خط۔ کنایہ کی تعریف اور مثالیں | 22    |
| <u>Revision of Fazaian Honour Codes</u>  | حصہ غزل۔ غزل نمبر ۳۔ ”دل ناداں تجھے ہوا کیا ہے؟“ غالب کی غزل، مشق۔<br>روداد نویسی۔ تخلیقی لکھائی                         | 23    |
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| <b>SEND-UP EXAMINATION SSC</b>   |  | 25-26 |
| <u>Celebration of Iqbal's Day</u><br><u>Revision of Fazaian Honour Codes</u>   | حصہ غزل۔ غزل نمبر ۴۔ ”لگتا نہیں ہے دل میرا جڑے دیار میں“ بہادر شاہ ظفر کی غزل، مشق۔<br>مجاز مرسل اور اس کی مختلف صورتیں  | 27    |
|  | حصہ نظم۔ نظم نمبر ۴۔ پیوستہ شجر سے امید بہار رکھ، مشق۔   | 28    |
| <u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>  | نظم نمبر ۴۔ مشق، سابقے / لاحقے   | 29    |
|  | مکالمہ نویسی۔ دو دوستوں میں کمپیوٹر کے نقصانات پر مکالمہ، مترادف الفاظ   | 30    |



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|  | محاورات اور روزمرہ کا استعمال، محاورات اور روزمرہ کے اعتبار سے غلط فقرات کی تصحیح  | 31    |
| <u>National resolve day to promote education</u> | حصہ نثر۔ سبق نمبر ۹۔ امتحان، مشق۔<br>واحد / جمع، متضاد   | 32    |
| <u>Revision of Fazaian Honour Codes</u>          |  |       |
| <u>Celebration of Quaid's Day</u>                | حصہ نثر۔ سبق نمبر ۱۰۔ ملکی پرندے اور دوسرے جانور، مشق<br>گاہک اور دکاندار میں اشیاء کی مہنگائی کے بارے میں مکالمہ  | 33    |
|  | حصہ نثر۔ سبق نمبر ۱۱۔ قدر ایاز، مشق۔<br>مرکب ناقص کی اقسام   | 34    |
| <b>PRE BOARD EXAM SSC</b>                        |  | 35-36 |
|  | دہرائی   | 37    |
|  | سبق نمبر ۳-۱، غزل نمبر ۱، نظم نمبر ۱ اور گرائمر: محاورات اور روزمرہ کا استعمال، محاورات اور روزمرہ کے اعتبار سے غلط فقرات کی تصحیح، مرکب ناقص کی اقسام کی دہرائی اور ٹیسٹ  | 38    |
| <u>Celebration of Kashmir Day</u>                | سبق نمبر ۵-۴، غزل نمبر ۲، نظم نمبر ۲ اور گرائمر مکالمہ، مترادف الفاظ، سابقہ / لاحقہ، مجاز مرسل اور اس کی مختلف صورتوں کی دہرائی اور ٹیسٹ   | 39    |
|  | سبق نمبر ۷-۶، غزل نمبر ۳، نظم نمبر ۳ اور گرائمر: تشبیہ کی تعریف اور ارکان تشبیہ، اصناف نثر میں امتیاز، محسن نظم کی تعریف کی دہرائی اور ٹیسٹ  | 40    |
|  | سبق نمبر ۹-۸، غزل نمبر ۴، نظم نمبر ۴ اور گرائمر مطلع، مقطع، ردیف، قافیہ، ذومعنی الفاظ کا استعمال، استعارہ اور اس کے ارکان کی دہرائی اور ٹیسٹ   | 41    |
|  | سبق نمبر ۱۱-۱۰، کنایہ کی تعریف اور مثالیں، مرکب کی تعریف، مرکب اضافی اور عطفی، مرکب تام اور مرکب ناقص میں فرق کرنا، ترکیب نحوی، جملہ اسمیہ اور جملہ فعلیہ میں امتیاز کرنا، مبتدا اور خبر کا فرق اور آگاہی، جملے کے اجزائے ترکیبی کی تعریف کرنا، کی دہرائی اور ٹیسٹ | 42    |
|  | مکالمہ، خط، روداد، کی دہرائی اور ٹیسٹ  | 43    |
| <b>PREP LEAVE</b>                                |  | 44    |
| <b>FBISE SSC EXAMINATION COMMENCES</b>           |  |       |

# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2018-19

## MATHEMATICS: CLASS-IX

Caravan Book House, Lahore

Book - IX

| Academic Week | Unit/Chapter & Topic  | Personality Grooming Activities   |
|---------------|---|---|
| 1             | (Pages 01-15) <b>Unit 1: Matrices and Determinants</b> , Definitions and Explanation of a Matrix, Exercise 1.1, Types of Matrices, Exercise 1.2, Addition and Subtraction of Matrices, Exercise 1.3   | <u>Introduction of teacher, students and school environment</u><br><u>Spring Day</u>                          |
| 2             | (Pages 15-24) <b>Unit 1 (Contd)</b> : Multiplication of Matrices, Exercise 1.4, Multiplicative Inverse of a Matrix, Exercise 1.5  | <u>Three Minutes' talk by 2-3 students on daily basis</u><br><u>Practice of Fazaian Honour Code 1 &amp; 2</u> |
| 3             | (Pages 24-32) <b>Unit 1 (Contd)</b> : Solution of Simultaneous Linear Equations, Exercise 1.6, Review Exercise 1<br>(Pages 33-38) <b>Unit 2: Real and Complex Numbers</b> , Real numbers  | <u>Talk on National Security</u><br><u>Practice of Fazaian Honour Code 3</u>                                  |
| 4             | (Pages 38-47) <b>Unit 2 (Contd)</b> : Exercise 2.1, Properties of Real Numbers, Exercise 2.2, Radicals and Radicands, Exercise 2.3, Laws of Exponents/Indices, Exercise 2.4   | <u>Practice of Fazaian Honour Code 4</u>  |
| 5             | (Pages 47-56) <b>Unit 2 (Contd)</b> : Complex Numbers, Exercise 2.5, Basic Operations on Complex Numbers, Exercise 2.6, Review Exercise 2   | <u>Importance of Labour Day</u><br><u>Practice of Fazaian Honour Code 5</u>                                   |
| 6             | (Pages 75-87) <b>Unit 4: Algebraic Expressions and Algebraic Formulas</b> , Algebraic Expressions, Rational Expression, Dividing a Rational Expression with another Rational Expression, Exercise 4.1, Algebraic Formulae, Exercise 4.2                               | <u>Celebration of Mother's Day</u>  |
| 7             | (Pages 88-96) <b>Unit 4 (Contd)</b> : Exercise 4.2, Surds and their Application, Exercise 4.3 Rationalization of Surds, Exercise 4.4, Review Exercise 4<br>(Pages 97-105) <b>Unit 5: Factorization</b> , Exercise 5.1, Factorization of Expression of different types | <u>Importance of Ramadan</u><br><u>Practice of Fazaian Honour Code 6</u>                                      |
| 8             | (Pages 106-113) <b>Unit 5 (Contd)</b> : Exercise 5.2, Remainder Theorem and Factor Theorem, Exercise 5.3, Factorization of a Cubic Polynomial, Exercise 5.4, Review Exercise 5  | <u>Practice of Fazaian Honour Code 7</u>  |

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| <b>9</b>  | <b>Revision</b>   | <b>SUMMER SCHOOL SSC</b>  |
| <b>10</b> | (Pages 57-70) <b>Unit 3: Logarithms</b> , Scientific Notations, Exercise 3.1, Logarithm, Exercise 3.2, Common Logarithm and Natural Logarithm, Laws Of Logarithm, Exercise 3.3  |   |
| <b>11</b> | (Pages 70-74) <b>Unit 3 (Contd)</b> : Application of Laws of Logarithm in Numerical Calculations, Exercise 3.4, Review Exercise 3   |   |
| <b>12</b> | (Pages 114-123) <b>Unit 6: Algebraic Manipulation:</b> Highest Common Factor (H.C.F) and Least Common Multiple (L.C.M) of Algebraic Expressions, Exercise 6.1, Basic Operations on Algebraic Fractions, Exercise 6.2  | <b>SUMMER SCHOOL SSC</b>  |
| <b>13</b> | (Pages 123-129) <b>Unit 6 (Contd)</b> : Square Root of Algebraic Expression, Exercise 6.3, Review Exercise 6<br>(Pages 130-135) <b>Unit 7: Linear Equations and Inequalities:</b> Definition of Linear Equation, Solving a Linear Equation in One Variable, Equations Involving Radicals but Reducible to Linear Form, Exercise 7.1                                       |   |
| <b>14</b> | (Pages 136-144) <b>Unit 7 (Contd):</b> Equation Involving Absolute Value, Solving Linear Equation Involving Absolute Value, Exercise 7.2, Definition of Linear Inequalities, Properties of Inequalities, Solving Linear Inequalities, Exercise 7.3, Review Exercise 7   | <u>Practice of Fazaian Code 9</u>   |
| <b>15</b> | (Pages 145-156) <b>Unit 8: Linear Graphs and their Application:</b> Cartesian Plane and Linear Graphs, An Ordered Pair of Real Numbers, Recognizing an Ordered Pair, Cartesian Plane, Solving Real Life Problems  | <u>Celebration of Independence Day</u><br><u>Practice of Fazaian Code 9</u> |
| <b>16</b> | (Pages 156-164) <b>Unit 8 (Contd):</b> Exercise 8.1, Conversion Graphs, To Interpret Conversion Graph, Reading a given Graph, Reading the Graphs of Conversion, Exercise 8.2  | <u>Importance of Eid Ul Azha</u><br><u>Practice of Fazaian Code 10</u>      |
| <b>17</b> | (Pages 164-167) <b>Unit 8 (Contd):</b> Graphical Solution of Linear Equations in two Variables, Exercise 8.3, Review Exercise 8<br>(Pages 168-174) <b>Unit 9: Introduction to Coordinate Geometry:</b> Distance Formula, Use of Distance Formula, Exercise 9.1, Collinear or Non-Collinear Points in the Plane, Use of Distance Formula to Different Shapes of a Triangle |   |
| <b>18</b> | (Pages 174-184) <b>Unit 9 (Contd):</b> Use of Distance Formula to show that four Non-Collinear Points form a Square, a rectangle and a parallelogram, Exercise 9.2, Mid-Point Formula, Recognition of the Mid-Point, Verification of the Mid-Point Formula, Exercise 9.3, Review Exercise 9   | <u>Celebration of Defence Day</u>   |

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| 19    | (Pages 185-194) <b>Unit 10: Congruent Triangles:</b> Introduction, Theorem 10.1.1, Exercise 10.1, Theorem 10.1.2, Exercise 10.2, Theorem 10.1.3, Exercise 10.3  |  |
| 20    | (Pages 195-198) <b>Unit 10 (Contd):</b> , Theorem 10.1.4, Exercise 10.4, Review Exercise 10<br>(Pages 252-255) <b>Unit 17: Practical Geometry-Triangles:</b> Introduction, Construction of Triangles, Exercise 17.1                         | Importance of Ashora-a-Moharram                                      |
| 21    | (Pages 256-263) <b>Unit 17: Practical Geometry-Triangles: (Contd)</b> , Exercise 17.1, Drawing Angle Bisectors, Altitudes, Exercise 17.2, Figures with Equal Areas, Exercise 17.3, Exercise 17.4  |  |
| 22    | (Pages 263-267) <b>Unit 17: Practical Geometry-Triangles: (Contd)</b> , Construct a Square Equal in Area to a Given Rectangle, Exercise 17.5, Review Exercise 17  | <u>World Teacher's Day</u>   |
| 23    | (Pages 199-209) <b>Unit 11: Parallelograms and Triangles:</b> Theorem 11.1.1, Exercise 11.1, Theorem 11.1.2, Exercise 11.2, Theorem 11.1.3, Exercise 11.3, Theorem 11.1.4, Exercise 11.4, Theorem 11.1.5, Exercise 11.5, Review Exercise 11 | <u>Revision of Honour Codes</u>                                      |
| 24    | <b>Revision</b>   | <u>Revision of Honour Codes</u>                                      |
| 25-26 | <b>SEND UP EXAM SSC</b>   |  |
| 27    | (Pages 210-213) <b>Unit 12: Line Bisectors and Angle Bisectors:</b> Introduction, Theorem 12.1.1, Theorem 12.1.2, Exercise 12.1, Theorem 12.1.3, Theorem 12.1.4   | <u>Celebration of Iqbal's Day</u><br><u>Revision of Honour Codes</u> |
| 28    | (Pages 214-217) <b>Unit 12 (Contd):</b> Theorem 12.1.5, Exercise 12.2, Theorem 12.1.6, Exercise 12.3, Review Exercise 12  | <u>Revision of Honour Codes</u>                                      |
| 29    | (Pages 218-225) <b>Unit 13: Sides and Angles of a Triangle:</b> Introduction, Theorem 13.1.1, Theorem 13.1.2, Theorem 13.1.3, Exercise 13.1   | <u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>                  |
| 30    | (Pages 225-227) <b>Unit 13 (Contd):</b> Theorem 13.1.4, Exercise 13.2, Review Exercise 13<br>(Pages 228-230) <b>Unit 14: Ratio and Proportion:</b> Introduction, Theorem 14.1.1   |  |
| 31    | (Pages 231-237) <b>Unit 14 (Contd):</b> Theorem 14.1.2, Exercise 14.1, Theorem 14.1.3, Theorem 14.1.4, Exercise 14.2, Review Exercise 14  |  |
| 32    | (Pages 238-243) <b>Unit 15: Pythagoras' Theorem:</b> Pythagoras' Theorem 15.1.1, Theorem 15.1.2, Exercise 15, Review Exercise 15  | <u>National Resolve Day to promote Education</u>                     |
| 33    | (Pages 244-251) <b>Unit 16: Theorem related with Area:</b> Introduction, Theorem 16.1.1, Theorem 16.1.2, Exercise 16.1,   | <u>Quaid's Day</u>   |

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|  | Theorem 16.1.3, Theorem 16.1.4, Exercise 16.2, Review Exercise 16  | <u>Celebration</u><br><u>Talk on Hard work and Motivation</u> |
| <b>34</b>                              | <b>Revision</b>  | <u>Revision of Honour Codes</u>                               |
| <b>35-36</b>                           | <b>PRE BOARD EXAM SSC</b>  |   |
| <b>37</b>                              | Revision and Test Ch # 1, 2 ( Solution of Questions of Chapters # 1,2 from FBISE Papers 2012,2013,2014,2015,2016,2017,2018)  |   |
| <b>38</b>                              | Revision and Test Ch # 3, 4 ( Solution of Questions of Chapters # 3,4 from FBISE Papers 2012,2013,2014,2015, 2016,2017,2018) |   |
| <b>39</b>                              | Revision and Test Ch # 5,6 ( Solution of Questions of Chapters # 5,6 from FBISE Papers 2012,2013,2014,2015, 2016,2017,2018)  | <u>Kashmir's Day</u>  |
| <b>40</b>                              | Revision and Test Ch # 7, 8 ( Solution of Questions of Chapters # 7,8 from FBISE Papers 2012,2013,2014,2015, 2016,2017,2018) |   |
| <b>41</b>                              | Revision and Test Ch # 9 ( Solution of Questions of Chapter # 9 from FBISE Papers 2012,2013,2014,2015, 2016,2017,2018)       |   |
| <b>42</b>                              | Solution of FBISE paper 2012, 2013, 2014   |   |
| <b>43</b>                              | Solution of FBISE paper 2015, 2016,2017,2018)  |   |
| <b>44</b>                              | <b>Prep leave</b>  |   |
| <b>FBISE SSC EXAMINATION COMMENCES</b> |  |   |

# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2018-19

## PHYSICS: CLASS – IX

Caravan Book House

Book - IX

| Academic Week | Unit/Chapter & Topic   |   |
|---------------|--|---|
| 1             | <p style="text-align: center;"><b>Ice-Breaking at the Session Commencement</b><br/> <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i></p> <p><b>Unit 1 PHYSICAL QUANTITIES AND MEASUREMENT</b><br/>                     (Pages 1-8) Introduction to Physics, physical quantities ,SI system, Prefixes</p> | <p><u>Introduction of teacher, students and school environment</u></p> <p><u>Spring Day</u></p>   |
| 2             | <p><b>Unit 1(contd)</b> (Pages 8-12) Scientific notation, Measuring instruments</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> <p><u>Practice of Fazaian Honour Code 1</u></p> |
| 3             | <p><b>Unit 1(contd)</b> (Pages 13-22) Measuring instruments, Significant figures</p>   | <p><u>Talk on National Security</u><br/> <u>Practice of Fazaian Honour Code 2</u></p>   |
| 4             | <p><b>Unit 1 (contd)</b> (Pages 23-26) Exercise &amp; Test <b>Unit 1</b></p>   | <p><u>Practice of Fazaian Honour Code 3</u></p>   |
| 5             | <p><b>Unit 2 KINEMATICS</b>(Pages 27-32) Rest and motion, Types of motion</p>  | <p><u>Importance of Labour Day</u><br/> <u>Practice of Fazaian Honour Code 4</u></p>  |
| 6             | <p><b>Unit 2(contd)</b>(Pages 33-44) Scalars and vectors, Terms associated with motion, Graphical analysis of motion</p>   | <p><u>Celebration of Mother's Day</u><br/> <u>Practice of Fazaian Honour Code 5</u></p>   |
| 7             | <p><b>Unit 2(contd)</b>(Pages 44-50) Equations of motion, Motion of freely falling bodies</p>  | <p><u>Importance of Ramdan</u><br/> <u>Practice of Fazaian Honour Code 6</u></p>  |
| 8             | <p><b>Unit 2(contd)</b>(Pages 51-54) Exercise &amp; Test <b>Unit 2</b></p>   | <p><u>Practice of Fazaian Honour Code 7</u></p>   |
| 9             | <p style="text-align: center;"><b>Revision of all core concepts</b></p> <p><b>Unit 3 DYNAMICS</b>(Pages 55-64) Force, Inertia and Measurement; Newton's Laws of motion</p>   | <p><u>Practice of Fazaian Honour Code 8</u></p>   |

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| 10 | <b>Unit 3(contd)</b> (Pages 64-76) Tension and acceleration in a string, Friction  |  |
| 11 | <b>Unit 3(contd)</b> (Pages 76-80) Uniform Circular Motion   |  |
| 12 | <b>Unit 3(contd)</b> (Pages 81-83) Exercise & Test <b>Unit 3</b>   |  |
| 13 | <b>Unit 4TURNING EFFECT OF FORCES</b> (Pages 84-90) Like and unlike parallel forces, Addition of forces, Resolution of forces          |  |
| 14 | <b>Unit 4(contd)</b> (Pages 90-96) Torque or moment of a force, Principle of moments, Center of mass, Center of gravity                | <u>Practice of Fazaian Honour Code 9</u>   |
| 15 | <b>Unit 4(contd)</b> (Pages 96-103) Couple, Equilibrium, Stability and position of center of mass                                      | Celebration of Independence Day  |
| 16 | <b>Unit 4(contd)</b> (Pages 104-105) Exercise & Test <b>Unit 4</b>   | Importance of Eid-UI-Azha  |
| 17 | <b>Unit 5GRAVITATION</b> (Pages 106-109) The force of gravitation  |  |
| 18 | <b>Unit 5(contd)</b> (Pages 109-112) Mass of earth, Variation of G with attitude,  | <u>Celebration of Defense Day</u><br><br><u>Practice of Fazaian Honour Code 10</u> |
| 19 | <b>Unit 5(contd)</b> (Pages 112-114) Mass of earth, Variation of G with attitude, Artificial satellite, Motion of artificial satellite |  |
| 20 | <b>Unit 5 (contd)</b> (Pages 115-116) Exercise & Test  | Importance of Ashora-e-Moharam<br><u>Revision of Fazaian Honour Codes</u>          |
| 21 | <b>Unit 6WORK AND ENERGY</b> (Pages 117-127) Work, energy, Kinetic energy, Potential energy, Forms of energy                           |  |
| 22 | <b>Unit 6(contd)</b> (Pages 127-139) Inter conversion of energy, Major sources of energy, Efficiency, Power                            | <u>Revision of Fazaian Honour Codes</u>  |
| 23 | <b>Unit 6(contd)</b> (Pages 140-142) Exercise & Test <b>Unit 6</b>   |  |
| 24 | <b>Revision of all core concepts</b>   |  |

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| <b>25-26</b> | <b>SENDUP EXAM SSC</b>   |  |
| <b>27</b>    | <b>Unit 7 PROPERTIES OF MATTER</b> (Pages 143-151), Kinetic molecular model of matter. Density, Pressure, Atmospheric pressure   | <u>Celebration of Iqbal day</u><br><u>Revision of Fazaian Honour Codes</u>   |
| <b>28</b>    | <b>Unit 7(contd)</b> (Pages 151-161) Pressure in liquids, Archimedes' principle, Principle of floatation, Elasticity   |  |
| <b>29</b>    | <b>Unit 7(contd)</b> (Pages 161-166), Hooke's Law, Exercise & Test <b>Unit 7</b>   | <u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>                          |
| <b>30</b>    | <b>Unit 8 THERMAL PROPERTIES MATTER</b> (Pages 167-182), Temperature and heat, Thermometers, Specific heat capacity, Change of state, Latent heat of fusion, Latent heat of vaporization | <u>Revision of Fazaian Honour Codes</u>                                      |
| <b>31</b>    | <b>Unit 8(contd)</b> (Pages 182-192) The evaporation, Thermal expansion, Exercise & Test <b>Unit 8</b>   |  |
| <b>32</b>    | <b>Unit 9 TRANSFER OF HEAT</b> (Pages 193-206) Transfer of heat, Conduction, Convection, Radiation, Application and consequences of radiation  | <u>National Resolve Day to Promote Education</u>                             |
| <b>33</b>    | <b>Unit 9(contd)</b> (Pages 207-208) Exercise & Test <b>Unit 9</b>   | <u>Celebration of Quaid's day</u><br><u>Revision of Fazaian Honour Codes</u> |
| <b>34</b>    | <b>Revision of all core concepts</b>   |  |
| <b>35-36</b> | <b>PRE-BOARD EXAM SSC</b>  |  |
| <b>37</b>    | Revision and test Ch # 1, 2 ( Solution of questions of chapters # 1,2 from FBISE Papers 2012,2013,2014,2015,2016,2017,2018)  |  |
| <b>38</b>    | Revision and test Ch # 3, 4 ( Solution of questions of chapters # 3,4 from FBISE Papers 2012,2013,2014,2015,2016,2017,2018)  |  |
| <b>39</b>    | Revision and test Ch # 5,6 ( Solution of questions of chapters # 5,6 from FBISE Papers 2012,2013,2014,2015,2016,2017,2018)   | <u>Kashmir's Day</u>   |
| <b>40</b>    | Revision and test Ch # 7, 8 ( Solution of questions of chapters # 7,8 from FBISE Papers 2012,2013,2014,2015,2016,2017,2018)  |  |



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| <b>41</b>                              | Revision and test Ch # 9 ( Solution of questions of chapter # 9 from FBISE Papers<br>2012,2013,2014,2015,2016,2017,2018) |  |
| <b>42</b>                              | Revision and test of Ch # 1 to 9   |  |
| <b>43</b>                              | Solution of FBISE paper 2012, 2013, 2014, 2015,2016,2017   |  |
| <b>44</b>                              | <b>PREP LEAVE</b>  |  |
| <b>FBISE SSC EXAMINATION COMMENCES</b> |  |  |

# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2018-19

## CHEMISTRY: CLASS-IX

National Book Foundation

Book - IX

| Academic Week | Unit/Chapter & Topic   | Personality Grooming Activities   |
|---------------|--|---|
| 1             | <p><b>Ice-Breaking at the Session Commencement</b></p> <p>[Introduction with classes, Overview of Textbooks/Syllabi/Time Table and General Academic Scheduling]</p> <p>(Pages 6-11) Chapter-1: <b>Fundamentals of Chemistry</b>, branches of chemistry, differentiation between branches and basic definitions</p> | <p><u>Introduction of teacher, students and school environment</u></p> <p><u>Spring Day</u></p>   |
| 2             | <p>(Pages 12-16) Chapter-1 (<b>Contd</b>): Relative Atomic Mass, empirical and molecular formulas, problem solving strategy, molecular ions and free radicals</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> <p>Lecture talk on safety measures in Chemistry lab</p> <p><u>Practice of Fazaian Honour Code 1 &amp; 2</u></p> |
| 3             | <p>(Pages 17-21) Chapter-1 (<b>Contd</b>): Difference between ions and free radicals, Particles of elements and compounds, Avogadro's No's and mole, gram atomic, molecular and formula mass</p>   | <p><u>Talk on National Security</u></p> <p><u>Practice of Fazaian Honour Code 3</u></p>   |
| 4             | <p>(Pages 21-25) Chapter-1 (<b>Contd</b>): Chemical calculations Mole-Particles calculations, problem solving strategy</p>   | <p><u>Practice of Fazaian Honour Code 4</u></p>   |
| 5             | <p>(Pages 26-27) Chapter-1(<b>Contd</b>): Self-assessment exercise</p> <p>(Pages 27-29) Chapter-1 (<b>Contd</b>): Fundamentals of Chemistry, <b>Exercise</b></p>   | <p><u>Importance of Labour Day</u></p>  |
| 6             | <p>(Pages 30-34) Chapter -02: <b>Structure of Atoms</b>, Rutherford and Bohr's Models and Isotopes</p>   | <p><u>Celebration of Mother's Day</u></p> <p><u>Practice of Fazaian Honour Code 5</u></p>   |
| 7             | <p>(Pages 35-38) Chapter -02 (<b>Contd</b>) : Uses of Isotopes and electronic configuration</p>  | <p><u>Importance of Ramdan</u></p> <p><u>Practice of Fazaian Honour Code 6</u></p>  |

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| 8  | (Pages 39-41) Chapter -02 <b>(Contd)</b> : Structure of Atom, <b>Exercise</b>  | <u>Practice of Fazaian Honour Code 7</u>                               |
| 9  | <b>Revision of all core concepts</b><br>(Pages 42-47) Chapter-03: <b>Periodic table and periodicity of properties</b> , Periodic table, Problem solving strategy   | <b>SUMMERSCHOOL<br/>SSC</b>  |
| 10 | (Pages 48-53) Chapter-03 <b>(Contd)</b> : Valence shell electrons configuration and position of elements in periodic table<br>Shape of Periodic Table, periodicity of properties, shielding effect, atomic size and problems |  |
| 11 | (Pages 54-57) Chapter-03 <b>(Contd)</b> : , Ionization energy, electron affinity, Problem solving strategy<br>(Pages 58-61) Chapter-03 <b>(Contd)</b> : Structure of Atom, <b>Exercise</b>                                   |  |
| 12 | (Pages 62-67) Chapter-04: <b>Structure of molecules</b> , problem solving strategy, chemical bonds and types of bonds  |  |
| 13 | (Pages 68-73) Chapter-04 <b>(Contd)</b> : Problem solving strategy<br>covalent bonds, Problem solving strategy and Intermolecular forces   |  |
| 14 | (Pages 74-75) Chapter-04 <b>(Contd)</b> : Nature of bonds and properties<br>(Pages 76-79) Chapter -04 <b>(Contd)</b> : Structure of molecules, <b>Exercise</b>   | <u>Practice of Fazaian Code 9</u>                                      |
| 15 | (Pages 80-85) Chapter-05: <b>Physical States of Matter</b> , Gaseous state, Effect of Pressure and Temperature and Gas laws, Problem solving strategy  | <u>Celebration of Independence day</u>                                 |
| 16 | (Pages 86-90) Chapter-05 <b>(Contd)</b> : Charles's law, Problem solving strategy and Liquid state typical properties  | <u>Importance of Eid-ul-Azha</u><br><u>Practice of Fazaian Code 10</u> |
| 17 | (Pages 91-95) Chapter-05 <b>(Contd)</b> : Liquid state typical properties, activities, Solid state typical properties and Types of solids  |  |
| 18 | (Pages 96-101) Chapter-05 <b>(Contd)</b> : Types of solids, Allotropes, comparison of physical state of matter and self-assessment exercise  | <u>Celebration of Defence Day</u>                                      |
| 19 | (Pages 102-105) Chapter -05 <b>(Contd)</b> : Physical States of Matter, <b>Exercise</b>  |  |
| 20 | (Pages 106-108) Chapter-06: <b>Solutions</b> , Saturated, Unsaturated, Supersaturated solutions and Dilution and   | <u>Importance of Ashora-e-Moharam</u>                                  |

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| 21    | (Pages 109-111) Chapter-06 <b>(Contd): Solutions</b> , Types of solutions and Concentration units   |  |
| 22    | (Pages 112-116) Chapter-06 <b>(Contd):</b> Concentration units, Molarity and self-assessment exercises, Problem solving strategy  | <u>Celebration of World Teacher's Day</u>  |
| 23    | (Pages 117-125) Chapter-06 <b>(Contd):</b> Solubility, Solute-Solvent Interactions, Effect of Temperature on solubility and Comparison of Solution, Suspension and Colloids, Solutions, <b>Exercise</b>   |  |
| 24    | <b>REVISION</b>   |  |
| 25-26 | <b>SEND UP EXAM SSC</b>   |  |
| 27    | (Pages 126-130) Chapter-07: <b>Electrochemistry</b> , Oxidation and Reduction, Oxidation States and Rules for assigning Oxidation States  | <u>Celebration of Iqbal's Day</u>  |
| 28    | (Pages 131-135) Chapter-07 <b>(Contd):</b> Oxidation number of an atom in a compound, Oxidizing and Reducing agents, Oxidation Reduction reactions and Electrochemical cells  | <u>Revision of Honour Codes</u>  |
| 29    | (Pages 136-140 ) Chapter-07 <b>(Contd):</b> Electrochemical cells and self-assessment exercise  | <u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u><br><u>Revision of Honour Codes</u> |
| 30    | (Pages 140-146) Chapter-07 <b>(Contd):</b> Electrochemical Industries Corrosion and its prevention  |  |
| 31    | (Pages 147-149) Chapter-07 <b>(Contd):</b> <b>Electrochemistry, Exercise</b>  |  |
| 32    | (Pages 150-155) Chapter-08 <b>(Contd): Chemical Reactivity</b> , Metals, Electropositive Character, Comparison of reactivity of Alkali and Alkaline Earth metals  | <u>National Resolve Day to Promote Education</u>                                       |
| 33    | (Pages 155-157) Chapter-08 <b>(Contd):</b> Non-Metals, Comparison of reactivity of the Halogens, and Self-assessment exercise<br><br>(Pages 158-161) Chapter-08 <b>(Contd):</b> Chemical Reactivity, Self-assessment exercises, <b>Exercise</b> | <u>Celebration of Quaid's Birthday</u><br><br>Talk on Discipline                       |
| 34    | <b>REVISION</b>   |  |
| 35-36 | <b>PRE BOARD EXAM SSC</b>   |  |

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| <b>37</b>                              | Revision and test Ch # 1,2 (Solution of questions of chapters No 1 & 2 from FBISE papers 2013 2014, 2015, 2016,2017,2018) | <u>Kashmir's Day</u>                         |
| <b>38</b>                              | Revision and test Ch # 3,4 (Solution of questions of chapters No 3 & 4 from FBISE papers 2013 2014, 2015, 2016,2017,2018) |  |
| <b>39</b>                              | Revision and test Ch # 5 (Solution of questions of chapter No 5 from FBISE papers 2013 2014, 2015, 2016,2017,2018)        |  |
| <b>40</b>                              | Revision and test Ch # 6 (Solution of questions of chapter No 6 from FBISE papers 2013 2014, 2015, 2016,2017,2018)        | Talk on Honesty, Truthfulness and Compassion |
| <b>41</b>                              | Revision and test Ch # 7 (Solution of questions of chapter No 7 from FBISE papers 2013 2014, 2015, 2016,2017,2018)        |  |
| <b>42</b>                              | Revision and test Ch # 8 (Solution of questions of chapters No 8 from FBISE papers 2013 2014, 2015, 2016,2017,2018)       |  |
| <b>43</b>                              | <b>REVISION / TEST / SOLUTION OF PREVIOUS FBISE PAPERS</b>  |  |
| <b>44</b>                              | <b>PREP LEAVE</b>   |  |
| <b>FBISE SSC EXAMINATION COMMENCES</b> |   |  |

# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2018-19

## BIOLOGY: CLASS-IX

PLD Publishers, Lahore

Book - IX

| Academic Week | Unit/Chapter & Topic   | Values Education/Personality Grooming Activities  |
|---------------|--|---|
| 1             | <b>Ice-Breaking at the Session Commencement</b><br><i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i><br>(Pages 2- 6) <b>Chapter 1: Introduction to Biology,</b><br>Introduction to Biology, Relationship of Biology to other sciences, Careers in Biology | <u>Introduction of teacher, students and school environment</u><br><u>Spring Day</u>  |
| 2             | (Pages 6-10) <b>Chapter 1: Introduction to Biology,</b> Qura'an and Biology, The levels of organization  | <u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u><br>Lecture talk on safety measures in Biology lab<br>Practice of Fazaian Honour Code 1 & 2 |
| 3             | (Pages 10-16), <b>Chapter 1: Introduction to Biology,</b> Cellular Organization, Practical work  | <u>Talk on National Security</u><br>Practice of Fazaian Honour Code 3   |
| 4             | (Pages 16-19) <b>Chapter 1: Introduction to Biology,</b> Review Questions  | Practice of Fazaian Honour Code 4   |
| 5             | (Pages 20-23) <b>Chapter 2: Solving a Biological Problem,</b> Biological Method  | <u>Importance of Labour Day</u><br>Practice of Fazaian Honour Code 5  |
| 6             | (Pages 26-28) <b>Chapter 2: Solving a Biological Problem,</b> Theory , Law and Principal, Data Organization and Data Analysis Exercise   | <u>Celebration of Mother's Day</u><br>Practice of Fazaian Honour Code 6   |
| 7             | (Pages 26-28) <b>Chapter 2: Solving a Biological Problem,</b> Theory , Law and Principal, Data Organization and Data Analysis Exercise   | <u>Importance of Ramdan</u><br>Practice of Fazaian Honour Code 7  |

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| 8  | (Pages 29-30) <b>Chapter 2: Solving a Biological Problem</b> , Exercise   |   |
| 9  | <b>Revision of all previous concepts</b><br>(Pages 31-42) <b>Chapter 3: Biodiversity</b> , Biodiversity, Classification, Aims and Principles, History of Classification Systems, The five kingdoms, Binomial nomenclature, Conservation of biodiversity, Impact of human beings on biodiversity | <b>SUMMER SCHOOL-SSC</b>  |
| 10 | (Pages 43-50) <b>Chapter 3 (contd)</b> : Deforestation, Steps for the Conservation of biodiversity, Endangered species in Pakistan, Exercise  |   |
| 11 | ( Pages 52-56) <b>Chapter 4: Cells and Tissues</b> , Microscopy and Emergence of cell theory, Light and Electron Microscopy, History of the Formulation of Cell Theory  |   |
| 12 | (Pages 57-63) <b>Chapter 4 (contd)</b> : Cellular Structure and Functions, Cell Wall, Cell Membrane, Cytoplasm, Cytoskeleton, Cell Organelles   |   |
| 13 | (Pages 64-69) <b>Chapter 4 (contd)</b> : Cell organelles (contd), Difference between Prokaryotic and Eukaryotic Cells, Relationship between cell function and cell structure, cell size and surface area to volume ratio  |   |
| 14 | (Pages 69-73) <b>Chapter 4 (contd)</b> : Passage of molecules into and out of the cells   | <u>Practice of Fazaian Code 9</u>                                   |
| 15 | (Pages 74-86) <b>Chapter 4 (contd)</b> : Animal Tissues, Plant Tissues, Exercise  | <u>Celebration of Independence day</u>                              |
| 16 | (Pages 87-94) <b>Chapter 5: Cell Cycle</b> , Cell Cycle, Mitosis, Phases of mitosis, significance of mitosis, Practical work  | <u>Importance of Eid ul Azha</u><br><u>Revision of Honour Codes</u> |
| 17 | (Pages 95-99) <b>Chapter 5 (contd)</b> : Meiosis, Phases of meiosis, meiosis II   | <u>Revision of Honour Codes</u>                                     |
| 18 | (Pages 100-106) <b>Chapter 5 (contd)</b> : Significance of Meiosis, Apoptosis and Necrosis, Exercise  | <u>Defence day Celebrations</u>                                     |
| 19 | (Pages 107-116) <b>Chapter 6: Enzymes</b> , Characteristics of Enzymes, Factors affecting the rate of enzyme action Mechanism of enzyme action, Specificity of Enzymes, Practical Work, Exercise  |   |
| 20 | (Pages 117-120) <b>Chapter 7: Bioenergetics</b> , Bioenergetics and the role of ATP   | <u>Importance of Ashora-e-Moharam</u>                               |
| 21 | (Pages 120-123) <b>Chapter 7: Bioenergetics</b> , Photosynthesis,   |   |

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|--------------|--|---|
|              | Mechanism of Photosynthesis, Role of Chlorophyll and light   |   |
| <b>22</b>    | (Pages 124-132) <b>Chapter 7 (contd):</b> Limiting factors in photosynthesis. Practical work, Respiration  | <u>Celebration of World Teacher's Day</u>   |
| <b>23</b>    | (Pages 133-138) <b>Chapter 7 (contd):</b> The Energy Budget of Respiration, Exercise   |   |
| <b>24</b>    | <b>REVISION</b>  | <u>Revision of Honour Codes</u>   |
| <b>25-26</b> | <b>SEND UP EXAM SSC</b>  |   |
| <b>27</b>    | (Pages 140-147) <b>Chapter 8 Nutrition:</b> Mineral Nutrition in plants, Components of Human Food, Practical work  | <u>Celebration of Iqbal's Day</u>   |
| <b>28</b>    | (Pages 147-153) <b>Chapter 8 (contd):</b> Practical work, Effect of Water and dietary fiber, Balanced diet   |   |
| <b>29</b>    | (Pages 153-159) <b>Chapter 8 (contd):</b> Problems related to Nutrition , Human Alimentary Canal   | <u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u><br><u>Revision of Honour Codes</u>                  |
| <b>30</b>    | (Pages 160-170) <b>Chapter 8 (contd):</b> Human Alimentary Canal Disorders of gut and Exercise   | <u>Revision of Honour Codes</u>   |
| <b>31</b>    | (Pages 171-181) <b>Chapter 9: Transport,</b> Transport in plants, Transpiration, Significance of Transpiration, Practical work                                   | <u>Revision of Honour Codes</u>   |
| <b>32</b>    | (Pages 181 -191) <b>Chapter 9 (contd):</b> Transport of water, Transport of food, Transport in Human, Blood , Blood disorders, Blood Group Systems               | <u>National Resolve Day to Promote Education</u><br><u>Talk on Discipline, Hard work and Motivation</u> |
| <b>33</b>    | (Pages 192-208) <b>Chapter 9 (contd):</b> Human Heart, Blood Vessels, General Plan of human Blood circulatory system, Cardiovascular Disorders, Review Questions | <u>Celebration of Quaid's Birthday (Talk)</u>   |
| <b>34</b>    | <b>REVISION</b>  |   |
| <b>35-36</b> | <b>PRE- BOARD EXAM SSC</b>   |   |
| <b>37</b>    | Revision and test Ch # 1,2 (Solution of questions of chapters 1,2 from FBISE papers 2014, 2015,2016,2017,2018)   |   |
| <b>38</b>    | Revision and test Ch # 3,4 (Solution of questions of chapters  | <u>Revision of Honour</u>   |



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|  | 3,4 from FBISE papers 2014, 2015,2016,2017,2018)   | <u>Codes</u>                    |
| <b>39</b>                              | Revision and test Ch # 5,6 (Solution of questions of chapters 5,6 from FBISE papers 2014, 2015,2016,2017,2018) | <u>Kashmir's Day</u>            |
| <b>40</b>                              | Revision and test Ch # 7,8 (Solution of questions of chapters 7,8 from FBISE papers 2014, 2015,2016,2017,2018) | <u>Revision of Honour Codes</u> |
| <b>41</b>                              | Revision and test Ch # 9 (Solution of questions of chapter 9 from FBISE papers 2014, 2015,2016,2017,2018)      |                                 |
| <b>42</b>                              | <b>Solution of FBISE Papers 2014, 2015,2016,2017,2018</b>  |                                 |
| <b>43</b>                              | <b>Solution of FBISE Papers 2014, 2015,2016,2017,2018</b>  |                                 |
| <b>44</b>                              | <b>PREP-LEAVE</b>  |                                 |
| <b>FBISE SSC EXAMINATION COMMENCES</b> |  |                                 |

# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2018-19

## COMPUTER SCIENCE: CLASS-IX

National Book Foundation

Book - IX

| Dates | Unit/Chapter & Topic  | Personality Grooming Activities   |
|-------|---|---|
| 1     | <p><b>Ice-Breaking at the Session Commencement</b><br/>                     [Introduction with classes, Overview of Textbooks/Syllabi/Time Table and General Academic Scheduling]</p> <p>(Pages 8-15) <b>Chapter 1: Fundamentals of Computer</b>, Introduction to Computer: Evolution of Computer, History and Generations of Computer, Types of Computers and Classification of Digital Computers.</p> | <p><u>Introduction of teacher, students and school environment</u></p> <p><u>Spring Day</u></p>   |
| 2     | <p>(Pages 17-20) <b>Chapter 1 (contd):</b> Role of Computer: Use of Computer in Various Fields and Careers in Information Technology.</p>   | <p><u>Three Minutes Talk by 2-3 children in each class daily revealing their talents and building their confidence</u></p> <p><u>Practice of Fazaian Honour Code 1&amp; 2</u></p> |
| 3     | <p>(Pages 21-29) <b>Chapter 1 (contd):</b> Computer Hardware: Hardware Components of Computer, Ports, Expansion Slots, Expansion Cards and Basic Operation of Computer.</p>   | <p><u>Talk on National Security</u></p> <p><b>Lab Activity:</b> Students should be shown components of computer</p> <p><u>Practice of Fazaian Honour Code 3</u></p>               |
| 4     | <p>(Pages 29-35) <b>Chapter 1 (contd):</b>Computer Software: System Software, Application Software, Open Source Software, Shareware &amp; Freeware, Key points and Exercise</p>   | <p><b>Lab Activity:</b> Demonstrate how input/output devices are connected to the computer system</p> <p><u>Practice of Fazaian Honour Code 4</u></p>                             |
| 5     | <p>(Pages 36-42) <b>Chapter 2: Fundamentals of Operating System</b>, Introduction, Objectives of Operating System (OS), Functions of OS, Common Types of OS.</p>  | <p><u>Importance of Labour day</u></p> <p><u>Practice of Fazaian Honour Code 5</u></p>  |

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| 6  | (Pages 43-47) <b>Chapter 2 (contd):</b> Operating System, Classification of Operating System, Types of Operating System, Getting Started with GUI Operating System, Basic Icons of GUI Operating System and Managing Data (Files/Folders).  | <u>Importance of Mother's Day</u><br><br><u>Practice of Fazaian Honour Code 6</u>   |
| 7  | (Pages 47-59) <b>Chapter 2 (contd):</b> System Installation, Installation of Windows Operating System, Installation of Antivirus Software and Windows Defender.   | <u>Importance of Ramdan</u><br><br><b>Lab Activity:</b> Installation and un-installation of program and antivirus software should be demonstrated<br><br><u>Practice of Fazaian Honour Code 7</u> |
| 8  | (Pages 59-63) <b>Chapter 2 (contd):</b> Key Points and Exercise   | <u>Practice of Fazaian Honour Code 8</u>  |
| 9  | <b>Revision of Previous Concepts</b>  | <b>SUMMER SCHOOL-SSC</b>  |
| 10 | (Pages 64-78) <b>Chapter 3: Office Automation,</b> Introduction, Installation of Office Automation Software, Word Processing and Managing a Document, Inserting and Editing Text, Minimize/maximize Ribbon, Inserting Symbols and Inserting Equation.                                       |   |
| 11 | (Pages 79-96) <b>Chapter 3: (Contd):</b> Formatting Text, Paragraph and Page, Inserting Page Breaks and Section Breaks, Inserting Header, Footer and Page Number, Inserting and Positioning Picture, Inserting WORDART, Creating and Formatting table Changing Margins and Using Hyperlink. |   |
| 12 | (Pages 97-111) <b>Chapter 3 (Contd):</b> Spreadsheet, Introduction to Spreadsheet, Working with Functions and Formulas, Graphical Representation of Data and Manipulating and Formatting Data.  |   |
| 13 | (Pages 112-119) <b>Chapter 3 (Contd):</b> Urdu Editor, Introduction to Inpage Urdu Editor, Managing a Document in Inpage and Formatting Document.   |   |
| 14 | (Pages 120-123) <b>Chapter 3 (Contd):</b> Key Points and Exercise.  | <u>Practice of Fazaian Code 9</u>   |
| 15 | (Pages 124-127) <b>Chapter 4: Data Communication,</b> Basic Terms of data Communication. Components of  | <u>Celebration of Independence Day</u>  |

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|-------|---|--|
|       | Communication System, Characteristics of a good Communication System and Asynchronous and Synchronous Transmission Modes.   |  |
| 16    | (Pages 128-132) <b>Chapter 4(Contd):</b> Transmission Media, Types of transmission Media, Guided Media, Unguided Media and Transmission Impairments   | <u>Importance of Eid-UI-Azha</u><br><u>Practice of Fazaian Code 10</u>   |
| 17    | (Pages 133-134) <b>Chapter 4(Contd):</b> Communication Devices, Dial-up Modem, Network interface Card, Router and Switch/Access point.  | <b>Lab Activity:</b> Students should be shown communication devices such as network card, router, switch, etc. |
| 18    | (Pages 134-136) <b>Chapter 4 (Contd):</b> Communication Terminologies, Data Transmission Terminologies, Characteristics of Communication Channel  | <u>Defence day celebration</u><br><u>Revision of Fazaian Code</u>  |
| 19    | (Pages 136-139) <b>Chapter 4 (Contd):</b> Key Points and Exercise.  | <u>Revision of Fazaian Code</u>  |
| 20    | (Pages 140-143) <b>Chapter 5: Computer Networks,</b> Introduction to Networks, Computer Network, Uses of Networks and Data transmission modes.  | <u>Importance of Ashora-e-Moharam</u><br><u>Revision of Fazaian Code</u>                                       |
| 21    | (Pages 143-145) <b>Chapter 5(contd):</b> Network Architecture, Types of Network Architectures, Client/Server Network, Peer-to-Peer Network and Point-to-Point Networks  | <u>Revision of Fazaian Code</u>  |
| 22    | (Pages 145-147) <b>Chapter 5 (contd):</b> Types of Networks, LAN, Characteristics of LAN, WAN, Characteristics of WAN, MAN, Characteristics of MAN  | <u>Celebration of World Teacher's Day</u><br><u>Revision of Fazaian Code</u>                                   |
| 23    | (Pages 147-151) <b>Chapter 5 (contd):</b> Personal Area Network, Bluetooth Network, Characteristics of Bluetooth Communication, Internet and World Wide Web.  | <u>Revision of Fazaian Code</u>  |
| 24    | (Pages 151-154) <b>Chapter 5(contd):</b> Network Topology, Types Of Network Topologies, Bus, Ring, Star Mash Topology, Communication over Networks, Communication Via Telephone Networks, Types of Modem and Comparison Between Data Communication Lines, Key Points and Exercise . | <b>Lab Activity:</b> Students should be shown physically, the cables and connectors for creating a LAN         |
| 25-26 | <b>SEND UP EXAM SSC</b>   |  |
| 27    | <b>Revision of Previous Concepts</b>  | <u>Celebration of Iqbal Day</u>  |

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| 28                                     | (Pages 158-160) <b>Chapter 6: Computer Security and Ethics</b> , Computer Security, Importance of Computer Security.   |  |
| 29                                     | (Pages 150-163) <b>Chapter 6: Computer Security and Ethics</b> , Cybercrime, Hacker and Cracker, Malware and its Types.  | <u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u><br><u>Revision of Honour Codes</u> |
| 30                                     | (Pages 163-165) <b>Chapter 6 (contd):</b> Computer Viruses, How malware Spreads, Common Symptoms of Malware Attack and Protecting Computer from Malware.   | <u>Revision of Honour Codes</u>  |
| 31                                     | (Pages 165-167) <b>Chapter 6 (contd):</b> Authentication Mechanism, Authentication and Authorization, Authorized and Unauthorized Access, Authentication Methodologies, Multimodal Authentication. | <u>Revision of Honour Codes</u>  |
| 32                                     | (Pages 167-169) <b>Chapter 6 (contd):</b> Computer Ethics, Ethical Use of Computer and Areas of Computer Ethics.   | <u>National Resolve Day to Promote Education</u>                                       |
| 33                                     | (Pages 169-178) <b>Chapter 6 (contd):</b> Key points, Exercise and Glossary  | <u>Quaid's Day Celebration</u>   |
| 34                                     | <b>Revision of Previous Concepts</b>   |  |
| 35-36                                  | <b>PRE BOARD EXAM SSC</b>  |  |
| 37                                     | <b>Revision of all Previous Concepts</b>   |  |
| 38                                     | <b>REVISION AND TEST FROM CH NO 1, 2</b>   |  |
| 39                                     | <b>REVISION AND TEST FROM CH NO 3, 4</b>   | <u>Kashmir's Day</u>   |
| 40                                     | <b>REVISION AND TEST FROM CH NO 5, 6</b>   |  |
| 41                                     | <b>REVISION AND TEST FROM CH NO 1, 2, 3</b>  |  |
| 42                                     | <b>REVISION AND TEST FROM CH NO 4, 5, 6</b>  |  |
| 43                                     | <b>REVISION AND TEST FROM CH NO 1, 2, 3, 4, 5, 6</b>   |  |
| 44                                     | <b>PREP LEAVE</b>  |  |
| <b>FBISE SSC EXAMINATION COMMENCES</b> |  |  |

# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2018-19

مضمون: اسلامیات

اسلامیات لازمی

جماعت: نہم

پنجاب کریکولم اینڈ ٹیکسٹ بک بورڈ، لاہور

| Personality Grooming Activities   | Unit/Chapter & Topic  | Academic Week |
|---|---|---------------|
| <p><u>Introduction of teacher, students and school environment</u></p> <p><u>Spring Day</u></p>   | <p><b>Ice-Breaking at the Session Commencement</b><br/>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</p> <p>تعارف۔ سورۃ الانفال کا پس منظر<br/>(صفحہ نمبر 7 تا 8) درس الاول (الف)۔ سورۃ الانفال۔ آیت نمبر 1 تا 10 مفہوم اور تشریح و تفسیر۔<br/>لفظی و با محاورہ ترجمہ</p> | 1             |
| <p><u>Practice of Fazaian Honour Code 1</u></p> <p><u>3 minute talk by 2-3 students in each class daily revealing their talents and building their confidence</u></p> | <p>(صفحہ نمبر 8) درس الاول (الف)۔ سورۃ الانفال۔ التمارین</p>  | 2             |
| <p><u>Talk on National Security</u></p> <p><u>Practice of Fazaian Honour Code 2</u></p>   | <p>(صفحہ نمبر 9 تا 10) درس الاول (ب)۔ سورۃ الانفال۔ آیات 11 تا 19، لفظی و با محاورہ ترجمہ، مفہوم، تفسیر و تشریح</p>   | 3             |
| <p><u>Practice of Fazaian Honour Code 3</u></p>   | <p>(صفحہ نمبر 10) درس الاول (ب)۔ سورۃ الانفال۔ التمارین</p>   | 4             |
| <p><u>Importance of Labour Day</u></p> <p><u>Practice of Fazaian Code 4</u></p>   | <p>(صفحہ نمبر 11 تا 12) درس الاول (ج)۔ سورۃ الانفال۔ آیات 20 تا 28، لفظی و با محاورہ ترجمہ، مفہوم، تفسیر و تشریح، التمارین</p>  | 5             |
| <p><u>Importance of Mother's Day</u></p> <p><u>Practice of Fazaian Code 5</u></p>   | <p>(صفحہ نمبر 13) درس الثانی (الف)۔ سورۃ الانفال۔ آیات 29 تا 33، لفظی و با محاورہ ترجمہ، مفہوم، تفسیر و تشریح</p>   | 6             |
| <p><u>Importance of Ramdan</u></p> <p><u>Practice of Fazaian Code 6</u></p>   | <p>(صفحہ نمبر 13 تا 14) درس الثانی (الف)۔ سورۃ الانفال۔ آیات 35 تا 37، لفظی و با محاورہ ترجمہ، مفہوم، تفسیر و تشریح</p>   | 7             |
| <p><u>Practice of Fazaian Code 7</u></p>  | <p>(صفحہ نمبر 14) درس الثانی (الف)۔ سورۃ الانفال۔ التمارین</p>  | 8             |

| <b>SUMMER VACATION</b><br><b>The Subject of Islamiat not to be taught during Summer School</b> |  | 9-12         |
|--|--|--------------|
| Practice of Fazaian Code 8   | (صفحہ نمبر 15 تا 16) درس الثانی (ب)۔ سورة الانفال۔ آیات ۳۸ تا ۴۳، لفظی و با محاورہ ترجمہ، مفہوم، تفسیر و تشریح، التمارین   | 13           |
| <u>Defence Day Celebrations</u><br>Practice of Fazaian Code 9                                  | (صفحہ نمبر 17 تا 18) درس الثانی (ج)۔ سورة الانفال۔ آیات ۴۵ تا ۴۸، لفظی و با محاورہ ترجمہ، مفہوم، تفسیر و تشریح، التمارین   | 14           |
| Practice of Fazaian Code 10  | (صفحہ نمبر 19 تا 20) درس الثانی (د)۔ سورة الانفال۔ آیات ۴۹ تا ۵۸، لفظی و با محاورہ ترجمہ، مفہوم، تفسیر                     | 15           |
| <u>Importance of Eid ulAzha</u>  | (صفحہ نمبر 20) درس الثانی (د)۔ سورة الانفال۔ التمارین  | 16           |
|  | (صفحہ نمبر 21 تا 22) درس الثالث (الف)۔ سورة الانفال۔ آیات ۵۹ تا ۶۴، لفظی و با محاورہ ترجمہ، مفہوم، تفسیر و تشریح، التمارین | 17           |
| <u>Celebration of Independence Day</u><br><br><u>Revision of Honour Codes</u>                  | (صفحہ نمبر 23 تا 24) درس الثالث (ب)۔ سورة الانفال۔ آیات ۶۵ تا ۶۹، لفظی و با محاورہ ترجمہ، مفہوم، تفسیر و تشریح، التمارین   | 18           |
|  | (صفحہ نمبر 25 تا 26) درس الثالث (ج)۔ سورة الانفال۔ آیات ۷۰ تا ۷۵، لفظی و با محاورہ ترجمہ، مفہوم، تفسیر و تشریح، التمارین   | 19           |
| <u>Importance of Ashora-e-Moharam</u>  | الجزء الثاني۔ من هدى الحديث<br>(صفحہ نمبر 49 تا 50) حدیث نمبر ۴، لفظی و با محاورہ ترجمہ، مفہوم، تشریح، وضاحت               | 20           |
|  | (صفحہ نمبر 56 تا 58) الجزء الثالث ۱۔ موضوعاتی مطالعہ<br>قرآن مجید اور تعارف، حفاظت، فضائل، مشق                             | 21           |
| <u>Celebration of World Teacher's Day</u>  | (صفحہ نمبر 59 تا 61) الجزء الثالث ۲۔ موضوعاتی مطالعہ<br>اللہ تعالیٰ اور اس کے رسول ﷺ کی محبت و اطاعت، مشق                  | 22           |
|  | الجزء الثاني۔ من هدى الحديث<br>(صفحہ نمبر 50) حدیث نمبر ۵ تا ۶، لفظی و با محاورہ ترجمہ، تشریح، وضاحت                       | 23           |
|  | دہرائی   | 24           |
| <b>SEND-UP EXAMINATION SSC</b>   |  | <b>25-26</b> |
| <u>Celebration of Iqbal's Day</u>  | الجزء الثاني۔ من هدى الحديث<br>(صفحہ نمبر 51) حدیث نمبر ۷ تا ۸، لفظی و با محاورہ ترجمہ، تشریح، وضاحت                       | 27           |
|  | الجزء الثاني۔ من هدى الحديث<br>(صفحہ نمبر 52) حدیث نمبر ۹، لفظی و با محاورہ ترجمہ، تشریح، وضاحت                            | 28           |
| <u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>  | الجزء الثاني۔ من هدى الحديث<br>(صفحہ نمبر 52) حدیث نمبر ۱۰، لفظی و با محاورہ ترجمہ، تشریح، وضاحت                           | 29           |

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|--|---|--------------|
|  | الجزء الثالث ۳:- موضوعاتی مطالعہ<br>(صفحہ نمبر 62 تا 64) علم کی فرضیت اور فضیلت، مشق              | 30           |
|  | الجزء الثالث ۳:- موضوعاتی مطالعہ<br>(صفحہ نمبر 64) علم کی فرضیت اور فضیلت، مشق                    | 31           |
| <u>National Resolve day to promote education</u> | الجزء الثالث ۳:- موضوعاتی مطالعہ<br>(صفحہ نمبر 65 تا 66) زکوٰۃ کا مفہوم، فرضیت، اہمیت، مصارف، مشق | 32           |
| <u>Celebration of Quaid's Day</u>                | دہرائی: درس الثانی (د)۔ سورۃ الانفال (آیات ۱۹ تا ۱۹)  | 33           |
|  | دہرائی: الجزء الثانی۔ من ہدی الحدیث (احادیث ۱۰ تا ۱۰)   | 34           |
| <b>PRE BOARD EXAM SSC</b>                        |   | <b>35-36</b> |
|  | دہرائی: درس الثالث۔ سورۃ الانفال (آیات ۲۰ تا ۳۷)  | 37           |
|  | دہرائی: درس الثالث۔ سورۃ الانفال (آیات ۳۸ تا ۵۳)  | 38           |
| <u>Kashmir's Day</u>                             | دہرائی: موضوعاتی مطالعہ، قرآن مجید، تعارف، حفاظت اور فضائل  | 39           |
|  | دہرائی: موضوعاتی مطالعہ اللہ اور اس کے رسول کی محبت و اطاعت                                       | 40           |
|  | دہرائی: موضوعاتی مطالعہ، علم کی فرضیت اور فضیلت، زکوٰۃ<br>(فرضیت، اہمیت اور مصارف)                | 41           |
|  | دہرائی: درس الثالث۔ سورۃ الانفال (آیات ۵۴ تا ۷۵)  | 42           |
|  | دہرائی  | 43           |
| <b>PREP LEAVE</b>                                |   | <b>44</b>    |
| <b>ANNUAL BOARD EXAM</b>                         |   |              |



# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2018-19

## PAKISTAN STUDIES: CLASS – IX

G.F.H.Publishers

Book - IX

| Academic Week | Unit/Chapter & Topic   | Personality Grooming Activities  |
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| 1             | <p><b>Ice-Breaking at the Session Commencement</b><br/> <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i></p> <p><b>(Pages 1-4) : Chapter 1: Ideological Basis of Pakistan</b><br/>                     (Meaning, Sources and Significance of Ideology), Pakistan Ideology in the Islamic Perspective</p> | <p><u>Introduction of teacher, students and school environment</u></p> <p><u>Spring Day</u></p>  |
| 2             | <p><b>(Pages 4-8) Chapter 1 (contd):</b> Basis of the Ideology of Pakistan.</p>  | <p><u>Practice of Fazaian Honour Code 1</u></p> <p>3 minute talk by 2-3 students in each class daily revealing their talents and building their confidence</p> |
| 3             | <p><b>(Pages 08-15); Chapter 1 (contd):</b> Economic Deprivation of the Muslims in India, “Two Nation Theory” Origin, Evolution and Explication. The Ideology of Pakistan and Allama Iqbal, The Ideology of Pakistan and Quaid-e-Azam</p>  | <p><u>Talk on National Security</u></p> <p><u>Practice of Fazaian Honour Code 2</u></p> <p>Round table Discussion</p>  |
| 4             | <p><b>(Pages 15-18) : Chapter 1 (contd):</b> Exercise</p>  | <p><u>Practice of Fazaian Honour Code 3</u></p> <p>Conduct a speech contest with reference to the Allama Iqbal, Quaid-e-Azam &amp; ideology of Pakistan.</p>   |
| 5             | <p><b>(Pages 19-22): Chapter 2: Making of Pakistan :</b> Pakistan Movement (1940-1947), Pakistan Resolution , Background of Pakistan resolution, Quaid-e- Azam Presidential Address, Text of the Resolution, Reaction to the Resolution</p>  | <p><u>Importance of Labour Day</u></p> <p><u>Practice of Fazaian Honour Code 4</u></p>   |
| 6             | <p><b>(Pages 23-25): Chapter 2: (contd):</b> Cripps Mission 1942 ,Jinnah-Gandhi Talk 1944, Proposal made by Gandhi, Reply of Quaid-e- Azam</p>   | <p><u>Importance of Mother’s Day</u></p> <p><u>Practice of Fazaian Honour Code 5</u></p> <p>Arrange the Quiz Competition</p>                                   |

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|      |   | in the class.  |
| 7    | <b>(Pages-25-30): Chapter 2: (contd):</b> C.R Formula 1944, Simla Conference, General Elections 1945-46: Manifestoes of Congress and Muslim league, Election Campaign, Results of the Election                          | <u>Importance of Ramadan</u><br><u>Practice of Fazaian Code 6</u>  |
| 8    | <b>(Pages 30-36): Chapter 2: (contd):</b> Muslim league Legislators' Convention 1946, Cabinet Mission Plan 1946 Elections of the Central Legislature, Reaction of the Political Parties, Final Decision of Quaid-e-Azam | Practice of Fazaian Code 7<br><br>Group discussion in the classroom  |
| 9-12 | <b>SUMMER VACATIONS</b><br><b>The Subject of Pak.Studies not to be taught during Summer Vacations</b>   |  |
| 13   | <b>Revision of previous concepts</b><br><b>(Pages 36-38): Chapter 2: (contd):</b> Comparison of Cripps and Cabinet Mission plan's Proposals   | Practice of Fazaian Code 8   |
| 14   | <b>(Pages 38-44) Chapter 2: (contd):</b> Interim Government 1946-1947, 3 <sup>rd</sup> June 1947 Plan   | Practice of Fazaian Code 9   |
| 15   | <b>(Pages 44-48): Chapter 2: (contd):</b> Partition and the Creation of Pakistan 1947, British Colonialism in India, Quaid-e-Azam Role in the Making of Pakistan  | <u>Celebration of Independence Day</u><br><br>Practice of Fazaian Code 10<br><br>Show a short documentary film on struggle movement of Quaid-e-Azam for Pakistan |
| 16   | <b>(Pages 48-51): Chapter 2: (contd):</b> Exercise  | <u>Importance of Eid ulAzha</u>  |
| 17   | <b>(Pages 52-60): Chapter 3: Land and Environment:</b> Introduction, Location and Importance, Physical features of Pakistan. Central Mountain Ranges  | Ask the students about their own region and its climate and environment  |
| 18   | <b>(Pages 60-66) Chapter 3: (contd):</b> Western Mountain Ranges Plateau, Plains, Climatic Conditions of Pakistan.  | <u>Defence Day Celebrations</u>  |

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|       |   | <u>Revision of Honour Codes</u><br>Make a Model of Pakistani map and Identify the climatic changes of different areas. |
| 19    | <b>(Pages 66-70) Chapter 3: (contd):</b> The Effects of climate on Human Life,Glaciers and Drainage System.   |  |
| 20    | <b>(Pages 70-74) Chapter 3: (contd):</b> Vegetation and wild Life   | <u>Importance of Ashora-e-Moharam</u>  |
| 21    | <b>(Pages 74-79) Chapter 3: (contd):</b> Major Natural Regions of Pakistan,their characteristics and problems, Dry and Semi-dry mountain region   |  |
| 22    | <b>(Pages 79-83)Chapter 3: (contd):</b> Major Environmental Hazards and their Remedies, Desertification   | <u>Celebration of World Teacher's Day</u><br>Plant trees in the school ground.   |
| 23    | <b>(Pages 83-91) Chapter 3: (contd):</b> Environmental Pollution and its Types .Threats to water,soil,vegetation and wildlife<br><b>Exercise</b>  | Project in groups on different types of pollution  |
| 24    | <b>Revision through activities and projects</b>   |  |
| 25-26 | <b>SENDUP EXAM SSC</b>  |  |
| 27    | <b>(Pages 92-96) Chapter 4:History of Pakistan (Part-I):</b> Consolidation of the state, Early Problems of Pakistan Quaid-e-Azam Role as first Governor General of Pakistan, Liaquat Ali Khan 's role as First Prime Minister of Pakistan | <u>Celebration of Iqbal's Day</u><br>Poster/ picture display to show the problems of Pakistan faced after creation     |
| 28    | <b>(Pages 97-100) Chapter 4:History of Pakistan (Part-I):</b> Quaid-e-Azam Role as first Governor General of Pakistan, Liaquat Ali Khan 's role as First Prime Minister of Pakistan   |  |
| 29    | <b>(Pages 100-106)Chapter 4: (contd):</b> Pakistan Objectives Resolution 1949,Accession of States and Tribal Areas to Pakistan, Salient Features of constitution of 1956  | <u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>  |
| 30    | <b>(Pages 107-118)Chapter 4: (contd):</b> Ayub Khan Era 1958-1969,Basic Democracies System 1959,Muslim Family Laws Ordinance 1961, Salient Features of Constitution of 1962,Election 1965,Indo-Pak War 1965                               | Arrange a debate contest<br>Arrange a documentary on Indo-Pak war 1965   |

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| 31    | <b>(Pages 118-123) Chapter 4: (contd):</b> Economic Development: The second five year Plan, the third five year plan, Yahya khan Regime 1969-71, Legal Framework Order |   |
| 32    | <b>(Pages 124-128) Chapter 4: (contd):</b> Election 1970, Separation of East Pakistan and Emergence of Bangladesh, Causes of Separation of East Pakistan               | <u>National Resolve day to promote education</u><br><u>Talk on Discipline, Hard work and Motivation</u> |
| 33    | <b>Pages 129-134) Chapter 4: (contd):</b> Exercise   | <u>Celebration of Quaid's Day</u>   |
| 34    | <b>Revision of all core concepts</b>   | Divide the students into different groups and arrange round table discussion on the relevant topic      |
| 35-36 | <b>PRE BOARD EXAM SSC</b>  |   |
| 37    | <b>Revision and test : chapter 1</b>   |   |
| 38    | <b>Revision and test : chapter 2</b>   |   |
| 39    | <b>Revision and test : chapter 3</b>   | <u>Kashmir's Day</u>  |
| 40    | <b>Revision and test : chapter 4</b>   |   |
| 41    | <b>Revision of past board papers</b>   |   |
| 42    | <b>Revision of past board papers</b>   |   |
| 43    | <b>Revision</b>  |   |
| 44    | <b>PREP LEAVE</b>  |   |
|       | <b>ANNUAL BOARD EXAM</b>   |   |

## GUIDELINES FOR TEACHERS

**Note:** All teachers must have a copy of the following guidelines regarding Syllabi Breakdown.

1. **Values Education and Personality Grooming Activities in Syllabi Breakdown:**

(a) Personality Grooming Activities taking place in all classes in the same week have been underlined. Content of Values Education will be dispatched separately.

(b) The material on Values Education supplements Personality Grooming activities and may have a considerable amount of overlap. Teachers may merge or choose one of the two in case of time limitation.

(c) 70% of the activities related to personality grooming activities and Values Education must be covered by each subject teacher.

(d) Concept / topics underlined in Personality Grooming Programme column are suggested to be talked about briefly by all teachers in their respective classes. Full length functions/events should be avoided. Final decision lies with the principals or the nominated faculty members.

(e) The minute talks by 2 - 3 students are to be held in each class on daily basis to ensure participation of all students as per the following guidelines:

| Talk          | Classes      |
|---------------|--------------|
| One minute    | (Prep - III) |
| Two minutes   | (IV - VIII)  |
| Three minutes | (IX - XII)   |

(f) The conduct of visits may be determined by the Principals as per required arrangements/security reasons etc. If some visit is not possible due to security or other reasons, teachers may hold simulations / virtual tours / role plays etc. to familiarize the children with the target concepts.

(g) Personality Grooming Activities (extreme right column except in (Urdu & Islamiat) have mostly been related to the learning objectives to be covered during the given academic weeks (extreme left column except in (Urdu & Islamiat)).

## 2. **Academic part of the Syllabi Breakdown:**

(h) Diversified methodology of teaching should be used but special attention should be paid to project based and inquiry based learning and teaching.

(j) At least 02 projects related to the syllabus content should be conducted in the whole academic year to promote. Teachers should be encouraged to combine two or more subjects for these projects.

(k) Lesson Plan Objectives must focus on Higher Order Thinking Skills of students along with Lower Order Thinking Skills.

(l) To ensure Outcomes/Objectives Based Education, the syllabi content should be used as guide-lines and starting points only. Teachers should be encouraged to supplement the book content with extra resources.

(m) For clarity of interpretation the 'omitted' and 'non-examinable' contents have been indicated.

(n) Non-examinable pages / topics are supposed to be taught through discussions /activities. These are important for smooth conceptual progression. The tendency to cross out such topics altogether is strongly discouraged.

(o) Oral subjects are to be assessed through recorded observations, teachers' diaries, participation in activities, educational games & focused discussions and thoughtfully prepared worksheets.

(p) Special efforts should be made to teach Islamyat, Urdu, and Social Studies/ Pakistan Studies in interactive manner.

(l) Syllabus breakdown for Art books is not provided. The activities are designed to be completed on weekly basis. However, teachers may design additional art projects activities if desired.

(p) Teachers, especially in Prep - III classes, should pay special attention to Urdu and English handwriting and feel free to additionally develop local worksheets for the same, if required.

(q) Creative writing activities/exercises / competitions must be made frequent.

(r) Essay writing techniques (genre) should be focused, and not the topics, to discourage rote learning. FTTI will give unseen topics for essay writing, in exam papers.

(s) Verbal Math should be focused through word problems and interesting activities and Inter-section Math competitions may be held.

(t) Academic year for classes Prep – VIII comprises 40 weeks. However, 04 weeks will be consumed for Mid-term and Final term exams, leaving 36 weeks for taught classes.

(u) Academic year for class IX comprises 44 weeks. However, 04 weeks will be used for Summer School for selected subjects and 04 weeks will be consumed for holding Send-up and Pre-board exams, leaving approximately 36 weeks for regular taught classes.

(v) Academic year for class X comprises 41 weeks. However, 04 weeks will be used for Summer School for selected subjects and 04 weeks will be consumed for holding Send-up and Pre-board exams, leaving approximately 33 weeks for regular taught classes.

(s) Days to be highlighted / celebrated have been specified in table below:

| Sr No. | Name of Event                             | Date                    |
|--------|---|-------------------------|
| 1      | Labour Day                                | 01 May, 2018            |
| 2      | Mother's Day                              | 13 May, 2018            |
| 3      | Start of Ramadan                          | 16 May, 2018            |
| 4      | Independence Day                          | 14 Aug, 2018            |
| 5      | Eid-ul-Azha                               | 22 – 24 Aug, 2018       |
| 6      | Defence Day                               | 06 September, 2018      |
| 7      | Ashora-e-Moharram                         | 20 – 21 September, 2018 |
| 8      | Teachers' Day                             | 05 October, 2018        |
| 9      | Iqbal Day                                 | 09 November, 2018       |
| 10     | 12 <sup>th</sup> Rabi-ul-Awwal            | 20 November, 2018       |
| 11     | National Resolve Day to Promote Education | 16 December, 2018       |
| 12     | Quaid's Day                               | 25 December, 2018       |
| 13     | Kashmir Day                               | 05 February, 2019       |
| 14     | Pakistan Day                              | 23 March, 2019          |

**Note:** The above guidelines must be handed over to each teacher and be placed in the teachers' folders.