**DR A Q KHAN COLLEGE OF SCIENCE & TECHNOLOGY BAHRIA TOWN PHASE-8**

**FINAL TERM SYLLABUS SEP, 2020 - FEB, 2021**

**CLASS VIII**

**English**

**Oxford Modern English (Textbook+ Work book)**

The Silver Lining, Children Understand Him, Dreaming of the Dawn Wall, If, Twelfth Night.

**Oxford Reading Circle** Marium’s Letter, The Village School Master.

**Grammar:**

Present & Past Tense (Indefinite, Continuous, Perfect, Perfect Continuous)

Future Tense (Indefinite, continuous), Voice of Present, Past and Future Tense

Paragraph writing, Comprehension passage, Informal letter, Formal letter

**General Science**

Chapter # 5 Combustion & Flame (complete)

Chapter # 8 Heredity in Organisms (complete)

Chapter # 9 Introduction to Biotechnology (complete)

Chapter # 14 Electric current & circuits (complete)

Chapter # 18 Earthquake (Complete)

N**OTE: Only WORKSHEETS will be included in exams for the following chapters.**

Chapter # 7 Cell (Introduction, Cell structure)

Chapter # 10 Idea Of Force (Introduction, Effects of force, Types of Forces)

Chapter # 11 Friction (Introduction, Cause of Friction, Advantages & Disadvantages of Friction)

Chapter # 12 Pressure (Introduction, Pressure exerted by Solids, Liquids & Gases)

Chapter # 4 Metals & Non-Metals (Introduction, Physical & Chemical properties of Metals & Non-  
Metals)

Chapter # 16 Light (Reflection of light, Laws of reflection, Characteristics of an image formed   
 by a plane mirror)

**Mathematics**

Chapter 4 Further Expansion and Factorisation of Algebraic Expressions (Ex: 4A,4B, 4C & 4D)

Chapter 3 Factorisation of Quadratic Expressions (Ex: 3B)

Chapter 6 Algebraic Fractions and Formulae (Ex: 6A, 6B & 6C)

Chapter 2 Linear Graphs and Simultaneous Linear Equations (Ex: 2C, 2D & 2E)

Chapter 10 Pythagoras’ Theorem (Ex: 10A & 10C)

Chapter 11 Trigonometric Ratios (Ex: 11A, 11B & 11C)

Chapter 14 Sets (Ex: 14A, 14B & 14C)

**Social Studies**

Geography: Unit # 4, 5 & 6

History: Unit # 8, 9 & 10

Civics: Unit # 12, 13, 14, 15

**Computer**

Chapter # 11 Elementary C++

Chapter # 13 Virus & Anti-virus (worksheet)

Chapter # 14 Troubleshooting (worksheet)

Chapter # 3 Introduction to Visual Basic

Chapter # 4 Toolbox and its Controls

Chapter # 5 Operators and Functions

Chapter # 6 Sequential Programming in VB

**اردو**

حصہ نثر: مثالی طالب علم، تفریح کی اہمیت، خدا اس وقت یہ چاہتا ہے کہ۔۔۔۔، خواتین کا مقام اور ان کےحقوق، گرلز گائیڈ، شہری دفاع، ادب کی اہمیت-

حصہ نظم: مل کے رہو، اپنا پرچم ایک، لاالہ الا اللہ

حصہ گرائمر: مضامین، خطوط، درخواستیں، مکالمہ، ضرب الا مثال، محاورات، سابقے لاحقے، واحد جمع، مذکر مونث، مترادف اور متضاد الفاظ، تزکیر و تانیث

**اسلامیات**   
حفظِ قرآن: سورۃ الھمزۃلفظی وبامحاورہ ترجمہ: آیت الکرسی

اسباق: حج ،جہاد ، اخلاص و تقٰوی ، عدل واحسان اندازِ تربیت وتبلیغ ،کسبِ حلال ، قانون کا احترام ، حقوق العباد ، حضرت سلمان فارسی،حضرت عثمان