

Class 7
History
Term I Syllabus - 2016

Topic	Concepts
Buddhism (p. 2-6 of textbook, p. 1-6 of workbook, passage: 'Taxila')	The life of Buddha and the <i>founding</i> of Buddhism; the <i>tenets</i> of Buddhism (Nirvana, Noble Paths); reasons for the <i>rise</i> of Buddhism in India; division into <i>sects</i> ; reasons for the <i>decline</i> of Buddhism in India; reasons for the <i>spread</i> of Buddhism in Asia; Buddhist <i>influence</i> in China, Japan, South-east Asia
Christianity (p. 8-12 of textbook, p. 7-11 of workbook, notes: 'The Early Spread of Christianity,' 'Nero')	The life of Jesus Christ and the founding of Christianity; <i>Pax Romana</i> ; reasons for the early spread of Christianity; <i>impediments</i> on the spread of Christianity; the <i>significance</i> of <i>royal patronage</i> ; Nero as emperor; the <i>institution</i> and <i>hierarchy</i> of the Church; the Church as a <i>State</i> actor; the significance of the <i>Holy Roman Empire</i> ; division of the Church; the power and influence of the Church in the lives of people
Islam (p. 20-29 of textbook, p. 18-24 of workbook, notes: 1001 inventions, 'Haroun al-Rashid; Baghdad; Cordoba')	The life of Prophet Muhammad (P.B.U.H) and the founding of Islam; the tenets of Islam; reasons for the early spread of Islam especially <i>militaristic</i> ; Islam as both Religion and State; religion as ' <i>legitimacy</i> '; reasons for halt of spread; the <i>mingling of cultures</i> ; ' <i>golden age</i> of Islam' - definition, reasons for; the <i>advancements</i> in science, medicine, art, and architecture; studies of centres of Islamic Civilization
The Middle Ages in Europe (p. 14-19 of textbook, p. 13-17 of workbook)	The Fall of Rome; life in Europe during the Middle Ages; the <i>feudal</i> system; <i>taxation</i> ; the fall of Rome and <i>isolation</i> ; 'The <i>Dark Ages</i> '; <i>crop rotation</i> and advancements in agriculture; cities and towns; the <i>plague</i>
Important locations	Lumbini, China, Thailand, Vietnam, Korea, Japan, Myanmar, Cambodia, Nalanda, Taxila, Rome, Jerusalem, Makkah, Madina, Antioch, Baghdad, Damascus, Cordoba, Alexandria, Constantinople.
Important dates	<i>Buddhism</i> : Birth of Buddha – 560 BCE; Asoka's rule – 269-232 BCE; Separation into sects – 250 BCE <i>Christianity</i> : Palestine conquered by the Romans: 63 BCE; arrest of Jesus Christ – AD 33; Capital of Roman Empire moved to Constantinople – AD 330; Charlemagne crowned Holy Roman Emperor – AD 800; Invasion of the Huns – 5 th Century AD <i>Islam</i> : Founding – 6 th Century AD; Expansion: 6 th -7 th Centuries AD; Capital moved to Baghdad: 762 AD; Golden Age of Islam – 8 th -13 th Centuries AD <i>The Middle Ages in Europe</i> : 5 th – 15 th Centuries AD
Rubric and exam format	Part I Short Questions – 5 MCQ's; 5 dates on Timeline; 5 locations on Map; 3 definitions (30 Marks) MCQ's – 1 Mark each; Timeline – 1 Mark for each date, correctly labeled, to scale; Map – 1 Mark for each location correctly labeled; Definitions and Significance of terms/concepts – 2 marks definition, 3 marks explaining significance (approx. 50-70 words per term) Part II Detailed Questions – 3 two-part questions (30 Marks) For each question part (a) will be recall-based worth 4 Marks, and part (b) will involve discussion/reasoning/analysis and will be worth 6 marks Part III Passage-based Questions – may include short/detailed responses based on a passage (10 Marks)

GRADE 7

ICT SYLLABUS

Theory:

1. Chapter 1: Input methods

Page 1-18

- Direct and manual input devices
- Keyboard, mouse, joystick, touch screen, scanner, digital camera, web cam, microphone and graphics tablet.
- Examples of direct input methods(No need to learn the explanation)
 - OCR
 - OMR
 - MICR
 - Barcode reader
- Data logging
- Sensors and their uses

2. Chapter 2: Output methods

Page 24-29

- Visual Display Unit
 - Monitor
 - LCD
- Printers
 - Dot matrix
 - Inkjet
 - Laser printer
- Plotter
- Speakers

3. Chapter 3: Storage devices and media

Page

30-38

- Backing up of data and its importance
- Uses ,advantages and disadvantages of backing storage media
 - Magnetic
 - I. Fixed Hard disk
 - II. Portable hard disk drives
 - III. Floppy disk drives
 - IV. Magnetic tape
 - Optical
 - I. CD-R
 - II. CD-RW
 - III. DVD-R
 - IV. DVD-RW
 - Solid State

I. Memory sticks/pen drives

II. Flash memory cards

- RAM and ROM

4. **Chapter 5: Computer Networks**

Page

49-53

- Intranet and Internet
- Advantages and disadvantages of a computer network
- Basic components of a network
 - Server
 - Workstation
- Types of network
 - LAN
 - WAN

Practical:

1. Spreadsheet software(Excel)

Class 7

Islamiat Syllabus Term 1

What is Islam?

Seerah (Birth-Migration)

Surahs Translation & Explanation (Qariya, Zilzal, and Duha)

Worship & Dua

Prophets (Isa & Musa)

Helpful resource: islamreligion.com

Class 7

Mathematics Syllabus Term 1

Chapter 1 Place value, ordering and rounding off

Chapter 2 Expressions, equations and formulae

Chapter 8 Integers, powers and roots

Chapter 9 Equations and simple fractions

Chapter 23 Formulae and substitution

Chapter 13 Calculation and mental strategies

Chapter 15 Fractions

All related skills done in the copy and workbook

Class 7

SCIENCE SYLLABUS FIRST TERM 2016-17

BOOK 3

BIOLOGY

CH.1 PHOTOSYNTHESIS

CH.3 ADAPTATING TO A HABITAT

BOOK 2

CHEMISTRY

CH.8 THE PARTICLE THEORY

CH.9 ELEMENTS AND ATOMS

PHYSICS

CH.13 SPEED

CH.16 MAGNETISM

Class 7
Geography
Term I Syllabus - 2016

Topic	Concepts
Chapter 1 Plate Tectonics (p. 2-12 of textbook, p. 1-6 of workbook)	Key Terms; What is plate tectonics? Theory of super continent – Pangea; Why do plates move? Why is the density of plates important? How do plates move? Examples
Chapter 2 Folding and Faulting (p. 13-23 of textbook, p. 7-11 of workbook, passage in the test)	Key Terms; What is folding? Distribution of fold mountains. Faulting process; Types of fault; Rift Valleys and Block Mountains The Great Rift Valley - https://www.youtube.com/watch?v=0cZYuBiVVYE
Chapter 3 Volcanism (p. 24-33 of textbook, p. 12-18 of workbook, activity hand-out)	Key Terms; Volcanism and it's types; Classification of volcanoes – importance of silica and viscosity; Mud volcanoes in Pakistan; Living with volcanoes (positive and negative effects) – geo-thermal energy; Ring of fire; Effects on climate https://www.youtube.com/watch?v=WgktM2luLok https://www.youtube.com/watch?v=rFWsF8ms6Pk https://www.youtube.com/watch?v=RleDV5tzIZo
Chapter 4 Earthquake (p. 34-46 of textbook, p. 19-25 of workbook)	Key Terms; What are earthquakes; Earthquake zones in the world; Factors determining the intensity of an earthquake; Effects of earthquakes; Minimising loss of lives and damages; Tangshan earthquake; Earthquake in Pakistan
Important Locations	San Andreas Fault Line, Mid-Atlantic Ridge, The Himalayas, The Andes, Alps, Rocky, Mt. Fuji, Mt. Vesuvius, Mt. St. Helen, Ring of Fire, Hawaii islands Mountains, Iceland, Atlantic Ocean, Pacific Ocean, Red Sea, African Rift Valley, Lake Tanganyika, Mt. Kenya, Mt. Kilimanjaro, Tangshan, Kashmir/Muzaffarabad
Rubric and exam format	Part I Short Questions – 5 MCQ's; 5 Matching places and events; 5 fill in the blanks; 5 locations on Map; (20 Marks) MCQ's – 1 Mark each; Matching – 1 Mark for each event labeled to the correct place; Map – 1 Mark for each location correctly labeled Part II – 5 definitions; Detailed Questions – 2 two-part questions (30 Marks) Definitions of terms/concepts – 2 marks definition and explanation (approx. 30 words per term). Each detailed question part (a) will be recall-based and part (b) will involve discussion/reasoning/analysis. Part III Passage-based Questions – may include short/detailed responses based on a passage (20 Marks)

نصاب برائے کبیر امتحان ۲۰۱۶ء

جماعت ہفتم

پرچہ (الف)

مبادرات	-----	تقدیر ادب (صفحہ نمبر ۱۰۲، ۱۰۳)
ام، فعل، حرف	-----	تقدیر ادب (صفحہ نمبر ۷، ۸)
مذکورہ منٹ	-----	تقدیر ادب (صفحہ نمبر ۳۲، ۳۳)
ام نکرہ و ام معرفہ	-----	تقدیر ادب (صفحہ نمبر ۱۸)
فعل، فاعل، مفعول	-----	تقدیر ادب (۳۵)
فعل ماضی، حال، مستقبل	-----	تقدیر ادب (صفحہ نمبر ۸۶، ۸۷، ۸۸، ۸۹)
کتنی (۱-۵۰) لفظی و ہندی		
منظر نگاری	(ان دیکھی)	
کہانی نویسی	(ان دیکھی)	
مکالمہ	(ان دیکھا)	
تفہیم	(ان دیکھی)	
نیز کافی میں کرو لیا گیا تمام کام۔		

پرچہ (ب)

مندرجہ ذیل اسباق سے کرو لیا گیا تمام کام امتحان میں آئے گا۔

گل صنوبر کی کہانی

ایک گائے اور بکری (لظم)

حاتم طائی اور گلابا

جنتوں کا شکار

خراب ہے (لظم)

فاطمہ جناح کا بچپن