Dawood Public School
Syllabus for Final Examination 2019-20
Grade X (A, B, C, D, E and F)

ENGLISH LANGUAGE

Paper I (Writing):

1. Directed Writing:

- Letter writing (Formal - Informal)
- Speech writing
- Magazine Article writing
- Report Writing

2. Composition:

- Narrative writing
- Descriptive writing
- Argumentative writing

Paper II (Reading):

1. Reading for Meanings (Comprehension)
2. Reading for Ideas (Content points - Summary writing - Facts and Opinions)

MATHEMATICS:

1. Arithmetic
2. Algebra
3. Mensuration
4. Trigonometry
5. Statistics and Probability
6. Circle Theorem
7. Angle properties of polygon
8. Graph of function
9. Coordinate geometry
10. Matrices and Functions
11. Inequality
12. Graphs of practical situations (kinematics)

PAKISTAN STUDIES - HISTORY:

Section A

1. Cultural and historical background to the Pakistan Movement

Section B

2. The emergence of Pakistan 1906–47

Section C

3. Nationhood and Pakistan International Relations from 1947–99

PAKISTAN STUDIES - GEOGRAPHY:

1. The Land of Pakistan
2. The Natural Topography, including drainage
3. Climate
4. Water Resource
5. Forests
6. Mineral Resources
7. Fishing Industry
8. Agriculture Development
9. Power Resources
10. Industrial Development
11. Trade
12. Transport and Telecommunications
13. Population and Employment

ISLAMIYAT:

Paper 1

Chapter 1-Major themes of the Holy Quran (All 15 passages) for Q1 and 2

Chapter 2-History and importance of Holy Quran

Chapter 3-Life and importance of Prophet PBUH

Chapter 4-The first Islamic community

Paper 2

Chapter 5-Major teachings of Hadith (All 20) for Q1 and 2

Chapter 6-The history and importance of the Hadith

Chapter 7-Four rightly guided Caliphs

Chapter 8-Articles of faith and Pillars of Islam

URDU:

مضمون "اردو (نصاب اے 3247)

غزلیات: غزلیاتِ میر، غزلیاتِ غالب، غزلیاتِ فیض، غزلیاتِ فراز، غزلیاتِ ناصر کاظمی

منظومات: سفر ہو رہا ہے، طلوعِ اسلام، ایک کمرہ امتحان میں

افسانے / مضامین / ڈرامے

اسوۂ حسنہ، موسموں کا شہر، میل اور میں، محنت پسند خرد مند، قرطبہ کا قاضی، ایک تھی فاختہ، کنڈکٹر، قدرِ ایاز

نصاب میں شامل تمام مصنفین اور شعراء کے محاسنِ کلام / طرزِ تحریر کی خصوصیات

نادیدہ اقتباس، تفہیم مضامین (دلیل، بحث، تفصیل، بیان)

مضمون "اردو(نصاب بی)

جماعت "دھم"

ترجمہ نویسی۔ مضمون نویسی۔ خط نویسی۔ مکالمہ نویسی۔ رپورٹ نویسی۔ تقریر نویسی۔ زبان دانی۔ جملوں کی بناوٹ میں تبدیلی۔ محاورات (اسے ی تک)۔ تلخیص نگاری، تفہیم

BIOLOGY:

1. Characteristics of life
2. Cell
3. Movement of substances
4. Nutrients
5. Enzymes
6. Nutrition in human
7. Nutrition in plants
8. Transport in human
9. Transport in plants
10. Respiration
11. Homeostasis
12. Support, movement and locomotion
13. Co-ordination and response
14. Relationships of organisms with one another and with the environment
15. Microorganism and biotechnology

All the past papers done will be included.

PHYSICS:

1. Physical Quantities, Units and Measurement
2. Vectors and Scalars
3. Kinematics
4. Circular Motion
5. Dynamics
6. Mass, Weight and Density
7. Turning Effect of Forces
8. Deformation
9. Work, Energy, Energy Sources and Power
10. Temperature
11. Thermal Properties of Matter Heat Capacity, Melting and Boiling
12. Thermal Expansion
13. Transfer of Thermal Energy
14. Light (Reflection and Refraction
15. Light (Converging Lens)
16. Dispersion of light
17. General Wave Properties and Sound
18. Static Electricity

CHEMISTRY:

1. States of matter
2. Measurement and Experimental techniques
3. Elements and compounds
4. Separating substances

5. Qualitative analysis
6. Atomic structure
7. Periodic table
8. Bonding
9. The Atmosphere and Environment
10. The Mole
11. Chemical calculations
12. Acid, bases and salts
13. Speed of chemical reactions
14. Energy Changes
15. Extraction of metals
16. Redox reactions
17. Ammonia
18. Electrolysis

COMPUTER:

Paper1:

1. DATA REPRESENTATION
    1) Binary Data conversion and its use
    2) Hexadecimal Data conversion and its use
    3) File Formats

2. INPUT DEVICES
3. OUTPUT DEVICES
4. LOGIC GATES
5. OPERATING SYSTEM
6. HIGH LEVEL AND LOW LEVEL LANGUAGE & ITS TRANSLATORS

Paper2:

1. Algorithm design
2. Pseudocode
3. Flowchart
4. Database

SOCIOLOGY:

1. Theory and methods.

2. Social inequality

- Social class, wealth and income, poverty
- Education and inequality.
- Ethnicity, race and inequality.
- Gender and inequality.
- Age and inequality.

ECONOMICS:

1. The nature of the economic problem
2. The factors of production
3. Opportunity Cost
4. Production Possibility Curves
5. Microeconomics and Macroeconomics

6. The role of markets in allocating resources
7. Demand
8. Supply
9. Price Determination
10. Price Changes
11. Price Elasticity of Demand
12. Price Elasticity of Supply
13. Market Economic System
14. Market Failure
15. Mixed Economic System
16. Firms
17. Firms and production
18. Firms' costs, revenues and objectives
19. Population
20. Money and Banking
21. Households
22. Workers
23. Trade Unions
24. Market Structure
25. Employment and Unemployment
26. Inflation and Deflation

PRINCIPLES OF ACCOUNTS:

1. The background and the main features of financial accounting
2. Recording transactions
3. Inventory
4. The effect of profit or loss on capital and the double entry system for expenses and revenues
5. Balancing-off accounts
6. The trial balance
7. Statements of profit or loss: an introduction
8. Statements of financial position
9. Statements of profit or loss and statements of financial position: further considerations
10. Accounting concepts and assumptions
11. Books of original entry and ledgers
12. Cash books
13. Accounting for sales
14. Accounting for purchases
15. Accounting for returns
16. The journal
17. The analytical petty cash book and the imprest system
18. Capital expenditure and revenue expenditure
19. Bad debts, allowances for doubtful debts
20. Depreciation of non-current assets: nature and calculations
21. Double entry records for depreciation
22. Accruals and prepayments and other adjustments for financial statements
23. Bank reconciliation statements
24. Control accounts
25. Errors not affecting the balancing of the trial balance
26. Suspense accounts and errors

BUSINESS STUDIES:

1. Business activity
2. Classification of Businesses
3. Enterprise, business growth and size
4. Forms of business organisation

5. Business Objectives and stakeholder objectives
6. Motivation at work
7. Organisation and Management
8. Recruitment, Selection and training of workers
9. Internal and External Communication
10. Business finances: need and sources
11. Cash Flow Forecasting and Working Capital
12. Income Statements
13. Balance Sheets
1 4. Analysis of Accounts
15. Production of Goods and Services
16. Location Decision
17. Costs, Scale of Production and Break-even Analysis
18. Achieving Quality Production

WORLD HISTORY:

Option A

- European Revolutions 1848-1914
- Liberalism and Nationalism
- Unification of Italy
- Unification of Germany
- Causes of World War I 1890-1914
- Civil War in USA 1820-77

Option B

- Peace treaties of 1919–23 fairness
- League of Nation's success and Failures
- International peace collapse by 1939
- Cold War
- Preventives for spread of Communism
- USSR's control over Eastern Europe, 1948–c.1989

Depth Studies

- The First World War, 1914–18
- Germany, 1918–45
- Russia, 1905–41
- The United States, 1919–41
- China, c.1930–c.1990
- Israelis and Palestinians since 1945

ENGLISH LITERATURE:

Short Stories

- Edgar Allan Poe, 'The Fall of the House of Usher'
- Edith Wharton, 'The Moving Finger'
- Alex La Guma, 'The Lemon Orchard'
- Bernard MacLaverty, 'Secrets'
- John McGahern, 'The Stoat'

Poems

1. Maya Angelou, 'Caged Bird'
2. James K Baxter, 'Farmhand'
3. Sujata Bhatt, 'Muliebrity'
4. Rosemary Dobson, 'The Three Fates'
5. Robert Hayden, 'Those Winter Sundays'

6. Seamus Heaney, ‘Mid-Term Break’
7. Stevie Smith, ‘Not Waving But Drowning’
8. Dennis Scott, ‘Marrysong’
9. Mervyn Morris, ‘Little Boy Crying’
10. Norman Nicholson, ‘Rising Five’
11. Edna St Vincent Millay, 'Sonnet 29’
12. William Wordsworth, 'She Dwelt Among the Untrodden Ways'
13. Elizabeth Barrett Browning, 'Sonnet 43’
14. Isobel Dixon, 'Plenty'
15. Adrienne Rich, ‘Amends'

Drama

- William Shakespeare, ‘Twelfth Night’ (complete)

ADDITIONAL MATHEMATICS:

1. Simultaneous equations
2. Indices, surds and logarithms
3. Quadratic functions
4. Factors of polynomials
5. Arithmetic and Geometric Progression
6. Linear law
7. Functions
8. Trigonometry
9. Trigonometric identities
10. Circular measure
11. Permutations and combinations
12. Binomial expansions
13. Differentiation and its techniques

ENVIRONMENTAL MANAGEMENT:

1. Rocks and minerals and their exploitation
2. Energy and the environment
3. Agriculture and the environment
4. Water and its management
5. Oceans and fisheries
6. Managing natural hazards.

FOOD & NUTRITION:

1. Composition and value of the main foods in the diet
2. Cooking of food
3. Convenience foods
4. Food preservation
5. Food spoilage, and hygiene in the handling and storage of food

ART & DESIGN:

Show your record, experimentation and development in the form of 2 prep sheets. Prep sheet size 16.5”x 23.4”. You must follow the topic chosen for your coursework.

Q1- Create a study that is at least 15”x 20” following the topic you have chosen for your coursework

MEDIUM: Open Medium