

SYLLABUS FOR ENTRY TEST IG-II

DAY 1	
<p>ENGLISH</p> <ul style="list-style-type: none"> Comprehension Passage (Unseen) Creative writing 	<p>URDU</p> <ul style="list-style-type: none"> Comprehension Passage (Unseen) Creative writing
<p>MATHEMATICS</p> <ul style="list-style-type: none"> Perimeter and Area of Simple Geometrical Figures. Ratio, Rate and Speed Arithmetical Problems, Percentages Expansion and Factorization of Algebraic Expressions Algebraic manipulation and formulae Simultaneous Linear Equations Volume and Surface Area of Cylinder, Cone, Sphere and Pyramid, Cube and Cuboid 	<p>ISLAMIAT</p> <ul style="list-style-type: none"> Surahs <ol style="list-style-type: none"> 1. Surah Fateha 2. Surah Ikhlas 3. Surah Kausar 4. Ayat –ul-Kursi Life of Prophet (S.A.W) at Makkah Compilation of Holy Quran Revelations between 610 and 632 Hazrat Abu Bakr (R.A) Tauhid Belief in Angels Belief in Books Prayers and Ahadith (1- 5)
DAY 2	
<p>PHYSICS</p> <ul style="list-style-type: none"> Physical Quantities, Units and Measurements Kinematics Dynamics Mass, weight & density Turning Effect of forces Deformation 	<p>CHEMISTRY</p> <ul style="list-style-type: none"> Atomic Structure Bonding The Periodic Table Separation Techniques Formulae and Balancing Equations
<p>BIOLOGY</p> <ul style="list-style-type: none"> Cell Diffusion, Osmosis and Active Transport Enzymes Nutrition – Food Groups, Food Test Nutrition in Plants Nutrition in Humans 	<p>ACCOUNTING</p> <ul style="list-style-type: none"> Role of accounting The Double Entry system of book-keeping Documentary records Books of prime entry The Cash Book The General Journal The Ledger The Trial Balance

<p>PAKISTAN STUDIES HISTORY Section I</p> <ul style="list-style-type: none"> • Mughal decline • British rule • Reformers • War of Independence • Languages <p>Section II</p> <ul style="list-style-type: none"> • 1905 – 1947 <p>From partition of Bengal to Govt. of India Act 1935</p> <p>GEOGRAPHY Introduction to Pakistan</p> <ul style="list-style-type: none"> • Topography • Climate • Water Resources • Forest • Fishing • Agriculture 	<p>BUSINESS STUDIES</p> <ul style="list-style-type: none"> • Purpose and types of business activity • Enterprise, business growth and size • Types of business organizations • Business objectives and stakeholder’s objectives • Motivating workers • Organization and management • Recruitment, selection and training • Internal and external communication
<p>COMPUTER SCIENCE & COMMUNICATION TECHNOLOGY</p> <ul style="list-style-type: none"> • Input and Output devices • Storage devices & Media • Operating Systems • Components of a Computer System • Networks and Effects of using them 	<p>ECONOMICS Economics O Levels Book by Brian Titley</p> <ul style="list-style-type: none"> • Basic economic problem • Factors of production • Opportunity Cost • Economic systems • Demand and Supply • Price elasticity of demand and supply • Social costs and benefits • Government intervention to correct market failure • Money (functions and characteristics) • Banks (commercial and central) • Stock Market • Labor market (demand and supply of labor) • Market wage • Why people earn different amounts? • Role of Government in labor market • Trade unions • Consumption, Saving and Borrowing

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