



THE SCHOLARS SCIENCE COLLEGE

A-59/23, The Mall, Lalarukh, Wah Cantt

Pre-coaching Final Test Syllabus / Syllabus for Scholarship Test

English

First Year at Harrow (Essay), Noun and its types, Tears of Nature (Poem), Pronoun and its types, The Blanket (Short Story), Adjective and its types, Articles, Verb and its types, Gerund, Participle, Infinitive, The Man Who was a Hospital, Adverb and its types, Preposition, Conjunction and its types, Interjection, Essay Writing, The Scholarship Jacket (Short Story).

Urdu

حصہ نثر: اپنی مدد آپ، جھوٹے آدمی، حصہ نظم: حمد، نعت، حصہ غزل: میر تقی میر غزل نمبر 1،
گرائمر: تشبیہ، استعارہ، مطلع، مقطع، قافیہ، ردیف، صنعت مرآة النظر، جملوں کی درستی

Islamic Education

توحید، رحمتہ للعالمین، صبر و استقلال، قرآن مجید کی خوبیاں، اساتذہ اور والدین کے حقوق آیات اور احادیث

Mathematics

(Chap No - 4 (Except Ex. No. 4.10) & Chap. No. 5)

Biology

Chap # 1: Cell wall, Cell membrane, Cytoplasm, ER, Ribosomes, Golgi Complex, Lysosomes, Peroxisomes, Glyoxysomes, Vacuoles, Mitochondria, Plastids, Centrioles, Cytoskeleton, Cilia and flagella, Nucleus, Prokaryotic cell.
Chap # 11: Digestion, Alimentary canal, Oesophagus, Stomach, Small Intestine, Digestion in small intestine, Large intestine, Liver, Gall Bladder, Pancreas.

Physics

Chap No. 1 Introduction to measurement, Physical Quantities, Dimensions, Dimensions of physical Quantities, Terms used with dimensions, Advantages of dimensional Analysis, Numerical Examples 1.5, 1.6, Numerical Problems 1.4, 1.5.

Chap No. 3 (full theory without exercise and numerical).

Statistics

Statistics: Introduction to Statistics, Chap No. 01, Chap No.3 Central Tendency A.M, G.M, H.M, Median, Mode, Quartiles, Decile, Standard Deviation, Variance, CV, Chap 5 Index Number, Weighted Index No. Laspeyres, Paasche's, Fisher, Index Number, C.P.I.

Chemistry

Unit 1: Introduction to Stoichiometry, Concept of mole, Mole calculations, Conversion factor and molar ratio concept, Practice related to conversion factor and molar ratio concept, Percentage composition of an element, Stoichiometric calculations and its different relationship, Limiting and non limiting reactants and its numerical, Concept of Yield, Types of yield and calculations related to yield, (Unit# 3 Chemical Bonding), VSEPR Theory, VBT.

Computer

Database (Examples), Database type of DB, Database (Data type and properties), Database (Key, Entity, relationship, DFD and ERD), Normalization, Database Forms, Reports, Queries.

Date Sheet: Thursday, July 05, Maths / Bio, Friday, July 06, Islamic Education, Saturday, July 07, English
Monday, July 09, Chemistry/Computer, Tuesday, July 10, Urdu, Wednesday, July 11, Physics/Statistics

Timing: 09:00 AM to 11:00 AM (Total Marks for all subjects 50 except Islamic Education 25)

Note: i. The students who obtained 1070/1100 will qualify for scholarship without test. ii. The students who obtained 1000 to 1069 /1100 need to get scholarship through test result. iii. The weightage for scholarship test will be: 30% test + 70% Matric result. iv. The scholarships are for motivating students and vary according to results and attendance. The best performers are bestowed with scholarships.