UNIT TEST 1
GRADE 12 SCIENCE

SUBJECT	PORTIONS
PHYSICS	Chapter 1:Electric charges and fields Chapter 2:Electrostatic potential and capacitance Chapter 3:Current Electricity
CHEMISTRY	Chapter 2-Solutions Chapter 10-Haloalkanes and Haloarenes
BIOLOGY	Chapter 2:Sexual reproduction in Flowering plants Chapter 3:Human Reproduction Chapter 4:Reproductive Health
ENGLISH	**READING** 1. Discursive passage (400-450 words) 2. Case based Factual passage (with visual input/ statistical data/ chart etc. 200-250 words) **WRITING** 1. Letter to the editor 2. Notice writing **LITERATURE** **FLAMINGO** 1. The Last Lesson 2. Lost Spring **POEMS** 1. My Mother at Sixty Six 2. Keeping Quiet **VISTAS** 1. The Third Level 2. Enemy
IP	1. **Introduction to Python libraries** - Pandas & Matplotlib 2. **Pandas**: features of pandas, installation and testing, Data structures in Pandas - Series & Data Frames. 3. **Series**: Creation of series from dictionary, scalar value, mathematical operations; series attributes, head and tail

	functions; selection, indexing and slicing, vector operations on series, deleting elements from series, Retrieving values using conditions. 4. **Data Frames**: creation of data frames from dictionary of series, from list of dictionaries, from series, from list, sorting data in a Data Frames selecting and accessing from Data Frames, Renaming a column name in Data Frames, Adding, selecting & deleting columns from a Data Frames Binary operations, Head and Tail functions, indexing using labels, Boolean indexing, Iterations CSV files/text files
MATHEMATICS	**Chapter 1: Relations and Functions.** **Chapter 2: Inverse trigonometric Functions.** **Chapter 3: Matrices.** **Chapter 4: Determinants.**
OP ARABIC	الدرس الأول : برين قواعد النحوي : مفرد ـ مثنى ـ جمع جملة اسمية أسماء الموصولة حروف الجر اسم مجرور الماضي والمضارع الأسماء الإشارة
ISLAMIC	**Unit 1 , lesson 1 :Protecting society against Moral crimes** **Unit 2 , Lesson 1 : Slander against Aisha (R.A.) and Moral Lesson** Unit 3 , Lesson 2 : Prophetic methodology in health care