

BASELINE TEST PORTIONS, Academic year 2017 - 2018

Grade	Topics	Marks	Date
MATHEMATICS			
7	1) Fractions: addition & subtraction 2) Fractions: multiplication & division 3) Algebra (word problems)	25	17.09.2017
8	1) Fractions: addition & subtraction 2) Fractions: multiplication & division 3) Equations & Solving equations (word problems) 4) Formula	25	17.09.2017
9	1) Fractions: addition & subtraction 2) Fractions: multiplication & division 3) Algebra (word problems)	25	17.09.2017
10	Number (1.2,1.3,1.5,1.6,1.7) Algebra 1(2.3,2.4,2.5,2.6,2.7,2.8,2.9,2.10,2.11) Geometry(4.1,4.4,4.5) Algebra 2(5.1,5.2,5.3,5.4,5.5) Graphs(7.1,7.2,7.3,7.4,7.6) Sets & Functions(8.1,8.2,8.6)	50	17.09.2017
As-Level	1) Algebra 2) Trigonometry 3) Mensuration	25	17.09.2017
A-Level	1) Trigonometry	25	17.09.2017
BIOLOGY			
7	1. Circulatory system – Structure of heart (label the diagram) 2. Types of food (nutrients) 3. Vitamins, minerals, proteins, carbohydrates.	25	18.09.2017
8	1. Photosynthesis word and chemical equation 2. Label the diagram of leaf 3. Label the Types of tissues in a leaf 4. Explain why leaf is an organ 5. Describe & explain the process of gas exchange in leaf 6. Conducting Tissues Xylem & phloem 7. Classification of vertebrates & Invertebrates 8. Simple keys to identify 9. Food chains, food web 10. - Feeding relationship	25	18.09.2017
9	1. Specialized cells in plants and Animals (3 examples each) 2. Describe the structure related to their function 3. Define enzymes, Properties of enzymes 4. Factors affecting enzyme activities 5. Role of enzymes in seed germination 6. Label Human digestive system and write the functions of each parts 7. Role of liver in digestion and excretion 8. Digestive enzymes 9. Chemical and mechanical digestion 10. Types of teeth and structure, Causes of Dental decay	25	18.09.2017
10	2. Organization of the organisms 3. Movement in and out of cells 4. Biological molecules 5. Enzymes 6. Plant nutrition 7. Human nutrition 8. Transport in plants 9. Transport in animals 10. Diseases and immunity 12. Respiration	50	18.09.2017
As-Level	Cell structure , Magnification , Movement in and out , Enzymes , Transport in plants , Transport in Animals , Disease and immunity , Biotechnology and Genetic Engineering	25	18.09.2017
A-Level	Cell Structure, Biological molecules, Immunity, Infectious diseases	25	18.09.2017
CHEMISTRY			
7	Common lab apparatus and symbols of 10 elements	25	21.09.2017
8	1. Word equation for acid reacting with metals/metal carbonates, 2. Word equations for burning of metals and hydrogen, definitions in	25	21.09.2017

	states of matter and elements 3. Compounds and solutions, separation methods of common mixtures, 4. Symbols of common molecules of elements and compounds, 5. Formula of simple compounds as given in text book.		
9	1. Atomic structure, writing word Equations. 2. Definitions in atomic structure and energy. 3. Changes, General concepts in rate of reactions.	25	21.09.2017
10	Atoms and elements (3.1 to 3.5). Atoms combining (4.1 to 4.9). Acids and bases (11.1 to 11.8). The periodic table (12.1 to 12.6). The behaviour of metals (13.1 to 13.5). Making use of metals (14.1 to 14.6). Air and water (15.1 to 15.5). Some non-metals and their compounds (16.1 to 16.9). In the lab (19.3 and 19.4).	50	21.09.2017
As-Level	Mole Calculations	25	21.09.2017
A-Level	TOPIC 5 A LEVEL AND TOPIC 1 AS LEVEL CHEMICAL CALCULATIONS	25	21.09.2017
PHYSICS			
7	Light and Electricity	25	19.09.2017
8	Magnetism Waves [light and sound]	25	19.09.2017
9	.Speed, Velocity and acceleration, pressure, density, moment of force, methods of heat transfer.	25	19.09.2017
10	General Physics-Complete, Thermal Physics-Complete, Waves-(Excluding Lens)	25	19.09.2017
As-Level	General Physics, Electricity [based on IGCSE Syllabus] Physical Quantities and Units [Based on AS level Syllabus]	25	19.09.2017
A-Level	1. Circular Motion 2. Gravitation [gravitational force, field, potential, potential energy and geostationary satellites.]	25	19.09.2017
ENGLISH			
7	Comprehension, Form of 'do, be and have', Quantifiers, Similes, Descriptive Writing on Person	25	
8	Comprehension, Form of 'GO', Quantifiers, Relative Pronouns, Descriptive Writing on Person	25	
9	Reading Comprehension, Form Filling, Vocabulary, Discursive writing, Letter writing.	25	
10	Reading comprehension, Summary writing, Form filling, Note taking, Collocations, Informal letter writing and Article writing.	50	
ICT/Computer Science			
7	Spreadsheet, Network.	25	20.09.2017
8	Database with Boolean operators, Networks, HTML	25	20.09.2017
9	Networking, Turtle graphics	25	20.09.2017
10	Chapter 1 to 6 Practical: MS Word	50	20.09.2017
As-Level	Chapter 3, Chapter 4 & Chapter 8	25	20.09.2017
A-Level	Part 1 – Theory Fundamentals, Part 2 Fundamental Problem-Solving and Programming Skills	25	20.09.2017
BUSINESS STUDIES			
10	Classification of Businesses, Enterprise, business growth and size, Types of business organization, Business objectives and stakeholder objectives, Motivating workers, Organisation and Management, Recruitment, Selection and training of workers, Internal and external communication, Marketing, Competition and the customer, Market Research.	50	21.09.2017
As-Level	Chapter 3, Chapter 4 & Chapter 8	25	21.09.2017
A-Level	Chapter -2, Chapter 3, Chapter 4, Chapter 5	25	21.09.2017

ACCOUNTING			
10	Double entry rules, T accounts, Trial balance, Books of prime entry (Cash book, Sales journal, purchase journal, Returns journal) ,Income Statement and Statement of financial Position(with adjustments), Revenue and Capital expenditure and receipts, Accounts of manufacturing business, Control accounts, Ratio analysis ,Accounts from Incomplete records.	50	19.09.2017
As-Level	Financial statements with adjustments, Mark up and Margin, Accruals and prepayments , Accounts of limited companies,Control accounts	25	19.09.2017
A-Level	Single entry,Mark up and margin, Manufacturing account,Accounts of non trading organization	25	19.09.2017
ECONOMICS			
10	Section -I – Basic economic problem section -II – Allocation of resources section - III -The individual as a producer , consumer , and borrower and section IV- the private firm as producer and employer .	50	18.09.2017