



AL AIN JUNIORS SCHOOL

LEARNING TRAILS

Grade: 12

Week: 2

Date: 11th to 15th November 2018

Subjects	Class work	Homework
MEP (Moral Education Program)		
Arabic	مراجعة وحل امتحان للقسمين البريطاني والهند 2016/2017 عام	كتابة مقال عن رحلات الفضاء أو الطاقة البديلة
Islamic Studies – English	Explain the concept of Fiqh of priorities. Infer the importance of fiqh of priorities.	Arrange a list of religious activities and tasks which should be done in a day and night.
Moral Science		
English	Last letter by Pandit Jawaharlal Nehru	Summary and analysis
Math	To find the general and particular solutions of 1. Homogenous differential equations 2. Linear differential equation.	All even numbered questions of NCERT text book.
Biology	Describe air pollution and its control * Explain water pollution and its control * Discuss solid wastes agro-chemicals and their effects * Explain radioactive wastes * discriminate greenhouse effect and global warming. * Interpret ozone depletion in the stratosphere * Describe degradation by improper resource utilization and maintenance deforestation	Pg-286-Qns-1-11
Chemistry	Understand and appreciate the role of biomolecules in biological system * Analyse the structural difference between glucose and fructose 1. What are polysaccharides? 2. What are anomers? 3. What are peptide linkage 4. Differentiate between essential amino acids and non essential amino acids * Differentiate between essential and non essential amino acids * Deduce the structures of proteins and Amino Acids	1. What are polysaccharides? 2. What are anomers? 3. What are peptide linkages? 4. Differentiate between essential amino acids and non-essential amino acids 5. The two strand of DNA are not identical but are complementary to each other. Why?
Physics	To analyze Elements of a communication system (block diagram only) * To understand bandwidth of signals (speech, TV and	Previous years question papers • Power point presentation



AL AIN JUNIORS SCHOOL

	digital data) * To understand bandwidth of transmission medium. * To explain Propagation of electromagnetic waves in the atmosphere, * To analyze sky and space wave propagation. * Need for modulation. * To analyze Production and detection of an amplitude-modulated wave. * To understand Basic ideas about internet, mobile telephony and global positioning system (GPS)	
Economics	Government Budget - Collect data and present in the class.	Guided research work with help of data collection and compilation for presentation.
Business Studies	<ul style="list-style-type: none"> • Financial Market – Capital market and its instruments. • BSE – its functions. 	Guided work to play “Stock market” with help of an application to understand the real working of brokers and functions of stock market.
Marketing	Product - - Classification of product Price - the importance of pricing and its factors.	Question from past papers to be answered as per Mock Exam portion.
Accountancy	Dissolution of partnership firm Journal entry for dissolution of partnership firm	Rachana Sagar: Together with Pg No; 233, Q N: 1,2
Psychology	Discussion and completion of practical work Solving pass papers 2013-15 – 6 marks questions .	Completion of record writing

Home work Schedule:

Days	Sunday	Monday	Tuesday	Wednesday	Thursday
Subjects	Accountancy	Economics	Business studies		Marketing

Class Teacher: _____