KOTHARI INTERNATIONAL SCHOOL, NOIDA

HALF YEARLY EXAMINATION SYLLABUS, SESSION 2017-2018

AS & A LEVEL

SUBJECT	SYLLABUS
ENGLISH	Commentary writing ----------600 to 900 words Directed writing----------120 to 150 words Descriptive writing----------600 to 900 words Argumentative writing----------600 to 900 words Discursive writing----------600 to 900 words Two contrasting pieces---------- [450 words each]
PHYSICS	1- Kinematics- Describing motion 2- Accelerated motion 3- Dynamics- Explaining motion 4- Forces- Vectors and moments 5- Work, Energy and power 6- Momentum 7- Matter and materials 8- Electric field
CHEMISTRY	1 Moles and equation 2 Atomic structure 3 Electrons in atoms 4 Chemical bonding 5 States of matter 6 Enthalapy changes 7 Redox reactions 8 Equilibrium 9 Rates of reaction 10 Periodity
BIOLOGY	Chapter 1 Cell Structure Chapter 2 Biological Molecules Chapter 3 Enzymes Chapter 4 Cell Membrane and Transport Chapter 5 The Mitotic Cell Cycle
MATHEMATICS	1. Quadratics 2. Functions and graphs 3. Sequence and series

	4. Inequalities 5. Co ordinate geometry 6. Differentiation 7. Application of derivatives 8. Algebra
ACCOUNTING	1 Double entry system 2 Books of prime entry 3 Cash book 4 Control accounts 5 Preparing financial statements with all adjustments 6 Incomplete records
BUSINESS STUDIES	1 Enterprise 2 Business structure 3 Size of business 4 Business objectives 5 Stakeholders in a business 6 Management and leadership 7 Motivation 8 Human Resource Management 9 What is Marketing 10 Market Research 11 Marketing mix-product and price 12 Marketing mix- promotion and place
ECONOMICS	Unit 1 Basic economic ideas and resource allocation Unit 2 The price system and microeconomy Unit 3 Government microeconomic intervention
PSYCHOLOGY	Chapter 1. Research Methods Chapter 2. The Biological Approach Core Study 1: Canli et al. Core Study 2: Dement and Klietman Core Study 3: Schachter and Singer Issues, debates and approaches Chapter 3. Cognitive Approach Core Study 1: Andrade Core Study 2: Baron- Cohen et al. Core Study 3: Laney et al. Issues, debates and approaches
COMPUTER SCIENCE	1. Information representation 2. Communication And Internet Technologies 3. Hardware 4. Logic Gates and logic circuits 5. Processor Fundamentals 6. Assembly Language Programming