



Portion for Term 2 Examination.
Grade:12 Science

SUBJECT	PORTIONS
PHYSICS	Chapter 8-Electromagnetic Waves Chapter 9-Ray optics and optical instruments .Chapter 10-Wave Optics .Chapter 11-Dual nature of radiation and matter .Chapter 12-Atoms .Chapter 13-Nuclei .Chapter 14-Semiconductor-Electronics,materials ,devices and simple circuits.
CHEMISTRY	Chapter 3-Electrochemistry Chapter 4-Chemical Kinetics Chapter 5-Surface Chemistry Chapter 8-The d-and f-Block Elements Chapter 9-Coordination Compounds Chapter 12-Aldehydes,Ketones and Carboxylic Acids Chapter 13-Amines
BIOLOGY	Chapter-8: Human Health and Diseases Chapter-10: Microbes in Human Welfare Chapter-11: Biotechnology - Principles and Processes Chapter-12: Biotechnology and its Application Chapter-13: Organisms and Populations Chapter-15: Biodiversity and its Conservation
ENGLISH	Reading Comprehension: (Two Passages) Unseen passage (factual, descriptive or literary/ discursive or persuasive) Case Based Unseen (Factual) Passage Creative Writing Skills : Short Writing Tasks Formal & Informal Invitation Cards or the Replies to Invitation/s Long Writing Tasks (One) Letter of Application for a Job Report Writing

	<p>Literature: Flamingo (Prose) The Rattrap Indigo</p> <p>Flamingo (Poetry) A Thing of Beauty Aunt Jennifer’s Tigers</p> <p>Vistas (Prose)</p> <p>Should Wizard Hit Mommy? On the Face of It Evans Tries an O Level</p>
<p>IP</p>	<p>Unit 2: Database Query using SQL</p> <ul style="list-style-type: none"> ● Math functions: POWER (), ROUND (), MOD (). ● Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING ()/SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). ● Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME (). Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). ● Querying and manipulating data using Group by, Having, Order by. <p>Unit 3: Introduction to Computer Networks</p> <ul style="list-style-type: none"> ● Introduction to networks, Types of network: LAN, MAN, WAN. ● Network Devices: modem, hub, switch, repeater, router, gateway. ● Network Topologies: Star, Bus, Tree, Mesh. ● Introduction to Internet, URL, WWW and its applications- Web, email, Chat, VoIP. ● Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website. ● Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.
<p>MATHS</p>	<p>UNIT 3: Calculus CH-7: Integrals CH-8: Applications of the Integrals CH-9: Differential Equations UNIT: 4 Vectors and Three Dimensional Geometry CH-10: Vectors CH -11: Three Dimensional Geometry UNIT: 6 - Probability CH-13: Probability</p>

ARABIC

- الطعام والشراب
- الأسماء الإشارة
- إسم الموصول
- حروف الجر
- الماضي و المضارع
- الفعل المستقبل
- الضمائر
- أنواع الجموع