

SECOND TERM ASSESSMENT SYLLABI
ACADEMIC YEAR 2021-2022
Grade 11

English

- Reading and Writing
- Unseen comprehension
- Letter writing/ Report writing

Mathematics

ALL OF MATHS EXCEPT Transformation of functions

Pay attention to course content complete recently such as

- 1) Graphical Inequalities
- 2) The three trigonometric ratio graphs
- 3) Equation of Circle with centre at Origin
- 4) Differentiation
- 5) Finding gradient using differentiation
- 6) Stationary point with respect to differentiation
- 7) All Transformations except Enlargement

IMPORTANT NOTE: This is a pre-mock make sure you bring your own geometry set, trace paper, and scientific calculator. I will strictly not allow any sharing of these items, you must be disciplined, as if sitting in a real assessment.

It had been noted that you were not bringing these items over the course of the whole year, and at the very end most of you realized the repercussions of your own actions, using mobiles as Calculator, and half the class not having graph papers or geometry sets, there are just 2 months left to your main exam, now unfortunately you realize what has been done.

Be disciplined and professional during assessment

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Business Studies

Chapters 1 -25 from the Book

- What is Business Activity
- Business Objectives
- Sole Traders, Partnerships, Social Enterprise and Franchises
- Limited Companies and Multinationals
- Public Corporations
- Appropriateness of different forms of ownership
- Classifications of Businesses
- Decision on Locations
- Globalization
- The importance and growth of Multinational companies
- International Trade and exchange rate
- Government objectives and policies
- External factors
- Measuring success in business
- Reasons for business failure
- The importance of communication
- Barriers to communication in business
- Recruitment and Selection
- Legal Controls over employment
- Training
- Methods of Motivation at work
- Organization Structure and employees
- Departmental functions
- Sources of Finance

Paper will be based on past papers

- Some questions will be Objective and some will be case based

Major part of the paper will be from Yellow highlighted above

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Chemistry

Acid base and salts
Redox

Physics

ALL OF PHYSICS COURSE CONTENT EXCEPT UNIT 8

Accounting

1. Bank Reconciliation Statement
2. Control Account
3. Financial Statement of a Sole Trader
4. Financial Statement of a Manufacturer

ICT

Written Exam:

Unit 1: Hardware and Software

- Types of digital devices (Mainframe computers, Camera, Scanner, etc)
- Software (Operating System, Applications, Utilities, Communication software)
- Types or peripheral devices - input and output
- Memory difference between (RAM/ROM/EEPROM)
- Know about types of output peripheral such as monitor, printer, data projector, speaker, control device and when they'd be used
- Know about the types of input peripheral such as keyboard, mouse, tracker ball, joystick, graphics tablet, scanner, digital camera, webcam, microphone,

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touch screen, OMR reader, OCR reader, bar code scanner, biometric scanner, magnetic stripe reader, chip and pin, sensor and when they would be used

- Types of peripheral devices – storage (HDD/SSD, CD, DVD, BLURAY, FLASH)
- Processors: Understand the functioning of CPU

Unit 2: Connectivity

- Types of digital communications (Know the difference between LAN, WAN and PAN) tethering
- Know the difference between WiFi and Bluetooth.
- Factors influencing the choice of digital communication in a network (Wired vs Wireless)
- Understand different between bandwidth and latency.
- Requirements for connecting to a network, including the internet (IP Address and MAC)
- Benefits of using a LAN/home network (Sharing peripherals)
- Securing data on a network, including the internet. Login/Passwords, WPA/WEP, encryption, VPN, file access rights and backup.

Unit 3: Operating Online

- Potential risks to data and personal information when information is transmitted and stored digitally. Phishing/Pharming
- Know about methods available to secure data and personal information (Firewalls, encryption, passwords, PIN, biometric, CAPTCHA, antivirus, antimalware)
- Impact of the internet on individuals (collaborative working/mobile working)
- Understand how to stay safe online
- Impact of the internet on society
- Use of online communities
- Types of online services: Shopping sites, booking systems, education and VLE, entertainment

Sources: Past Papers, Notes in notebook, Online practice

Paper format: MCQ's and Structured questions (On-screen)

Practical: MS Word, Power point, MS Access, Web Page Publishing.

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Biology

- Movement of Molecules in and out of the cell including the practical
- Transport
- Inheritance
- Cycles within Ecosystem