

EMS Doha Secondary Mock Revision Guide '24-25

Year: 10

SUBJECT: ICT

TEACHER(S): Ms. Irma and Mr. Mohamed

Theory	
Topics/Chapters	Details
Unit 1: Types and components of computer systems	Hardware and software, The main components of computer systems, Operating systems, Types of computers, Emerging technologies
Unit 2: Input and output devices	Input devices and their uses, Direct data entry and associated devices, Output devices and their uses
Unit 3: Storage devices and media	Storage devices, Storage media
Unit 4: Networks and the effects of using them	Networks, Network issues, and communication
Unit 5: The effects of using IT	Microprocessor-controlled devices, Potential health problems related to the prolonged use of IT equipment
Unit 6 - ICT Applications	Communication applications, modeling applications, Computer controlled systems, School management systems, Booking systems, Banking applications, Computers in medicine, Expert systems, Computers in the retail industry, Recognition systems, Satellite systems
Practical	
13 Layout (Word)	Create a new document, or edit an existing document, Work with tables within documents Notes, Use headers and footers appropriately within a range of software packages
14 Styles and 15 Proofing (Word)	Create, edit, and apply styles, Corporate house style, and spell-check software
16 Graphs and charts (Word)	Create, label, and edit a graph or chart
17 Document production (Word)	Organise page layout, Format text, Find and replace text, Navigation, Pagination, Gutter margin

Unit 20 - Data Analysis (Excel)

Create and edit a spreadsheet model, Formulae, and functions, Order of operations, absolute and relative cell referencing, sort and search data, Adjust the display features, format a spreadsheet, Set page layout

Resource Materials:

Cambridge Kognity E-book:

<https://app.kognity.com/study/app/yr11-3-ict/sid-294-cid-148883/book/recognition-systems-id-34544/>

Past papers :

<https://papers.xtremepape.rs/index.php?dirpath=./CAIE/IGCSE/Information+and+Communication+Technology+%280417%29/&order=1>

<https://pastpapers.papacambridge.com/papers/caie/igcse-ict0417>

Youtube tutorials by Evans Chikasa (solving past papers) Example video:

https://www.youtube.com/watch?v=eXJ_go6yYHc

Lesson Notes and Lesson presentation posted in google classroom.: [Theory Notes click here](#) [Practical Notes click here](#)

Additional information

The exam will be based on past papers from paper 1 and paper 2 IGCSE ICT 0417. Paper 1 - is Theory questions and paper 2 is Practical questions.