Information & Communication Technology

Compulsory Part

Elective Part



Compulsory Part

Unit A : Information Processing

- Data Organization and Control
- Multimedia Elements and Digitization
- Word Processing
- Spreadsheet
- Database
- Multimedia Presentation





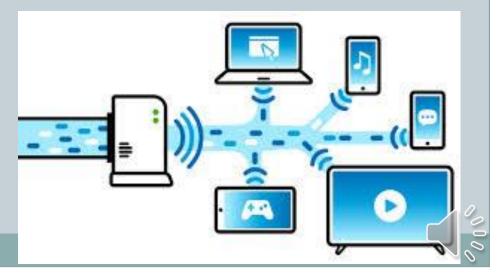
Unit B: Computer System Fundamentals

- System Unit of a computer system
 - Input and Output Devices
 - Secondary Storage Devices
 - System Software and Application Software



Unit C: Internet and Its Applications

- The Networking Basics
- Communication Software and Protocol
- Internet Services and Applications
- Introduction to HTML
- Elementary Web Authoring



Unit D: Computational Think and Programming

- Problem Solving Procedures
 - Algorithm Design
 - Algorithm Testing

Limit val): "#word-list-out").e("_"); var b = k(0); h(); 19 var c = 1(), a20 function("LIKIT_total: + 4); parseint(\$["alimit val") 21 function("rand:" + f); 22 d < f && (f = d, function("check randy@f5/wwwf3rast 23 var n = [], d = dif (0 < c.length) 24 for (var g = 0;g < c.length;g+) (e = m(b, c[g]), -1 < e 85 b.splice(s, 1); 25 26 b.unshift({use_wystepuje:'parseter', 27 for (g = 0;g 28

Unit E: Social Implications

- Equity, Work and Health Issues
- Intellectual Property
- Threats and Security on the Internet



Elective Part

- Module 1: Databases
 - Relational Databases
 - Introduction to Database Design Methodology





Elective Part

- Module 2: Algorithm and Programming
 - Python Programming
 - Algorithm Design
 - Application of Programming in Real Life



HKDSE Examination

- Paper I (55%)
 - 2 hours
 - about compulsory part
- Paper II (25%)
 - 1.5 hours
 - about elective part
- School Base Assessment (20%)
 - Develop a software for a specific purpose

Enquiry: kcchow@holap.edu.hk