Basic Concepts of Information and Communication Technology

Sample exam
Main title:

ITdesk.info – project of computer e-education with open access

Subtitle:

Basic Concepts of Information and Communication Technology, sample exam

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Cover:

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Publisher:

Open Society for Idea Exchange (ODRAZI), Zagreb

ISBN:

978-953-56758-7-7

Place and year of publication:

Zagreb, 2011.

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Preface

Today’s society is shaped by a sudden growth and development of information technology (IT), which resulted in a great dependence of society, in a wider sense, on individual’s knowledge and competence in the IT area. And despite the growth of that dependence, human right to education and information is not extended to that area. Problems, affecting society as a whole, have appeared, creating gaps and distancing people from the main reason and motivation for advancement, from opportunity. Today, to be a person who is computer illiterate, means to be a person who is unable to participate in a modern society, a person without opportunity and, in spite of acknowledged necessity and benefits of inclusive computer literacy by, for instance, the European Commission, UNESCO, OECD, there are still groups of people with hindered access to basic computer education (persons with disabilities, persons with learning difficulties, migrant workers, unemployed, persons who live in remote (rural) areas, where IT education is not accessible).

Materials published on the web site www.ITdesk.info, represents our effort and contribution to the realization and promotion of human rights to education and information, encompassing the IT area. We hope this education will help you master basic computer skills and, with that hope, we want you to learn as much as you can, to become an active member of a modern ICT society.

Sincerely yours,

ITdesk.info team
<table>
<thead>
<tr>
<th></th>
<th>Question</th>
<th>Options</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>One of the services, that can be used on the Internet and refers to</td>
<td>a) LAN</td>
<td>[1 point]</td>
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<td></td>
<td>browsing and searching content in the form of web pages, is called:</td>
<td>b) FTP</td>
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<td></td>
<td>c) WWW</td>
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<td></td>
<td></td>
<td>d) ISDN</td>
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<td>2.</td>
<td>Which of the following is not a hardware?</td>
<td>a) Printer</td>
<td>[1 point]</td>
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<td></td>
<td></td>
<td>b) Internet browser</td>
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<td></td>
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<td>c) Network Card</td>
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<td></td>
<td></td>
<td>d) Monitor</td>
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<td>3.</td>
<td>Which of the following devices is used for printing blueprints?</td>
<td>a) Touch-screen</td>
<td>[1 point]</td>
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<td></td>
<td></td>
<td>b) Scanner</td>
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<td>c) Plotter</td>
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<td>d) Digital camera</td>
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<td>4.</td>
<td>Software for digital photo editing is called:</td>
<td>a) OpenOffice.org</td>
<td>[1 point]</td>
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<td></td>
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<td>b) Adobe Photoshop</td>
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<td></td>
<td>c) Microsoft Office</td>
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<td></td>
<td></td>
<td>d) Mozilla Firefox</td>
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<td>5.</td>
<td>Which of the following would be the typical size of a hard disk?</td>
<td>a) 1 byte</td>
<td>[1 point]</td>
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<td></td>
<td></td>
<td>b) 130 MB</td>
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<td></td>
<td></td>
<td>c) 70 kilobytes</td>
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<td></td>
<td></td>
<td>d) 80 GB</td>
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<td>6.</td>
<td>Which of the following is not an operating system?</td>
<td>a) OpenOffice.org</td>
<td>[1 point]</td>
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<td></td>
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<td>b) DOS</td>
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<td></td>
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<td>c) Linux</td>
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<td></td>
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<td>d) Windows XP</td>
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<td>7.</td>
<td>What type of computer application is used for calculations?</td>
<td>a) Antivirus software</td>
<td>[1 point]</td>
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<td></td>
<td>b) Databases</td>
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<td></td>
<td></td>
<td>c) Spreadsheet calculation program</td>
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<td></td>
<td></td>
<td>d) Internet browser</td>
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<td>8.</td>
<td>Which of the following is not application software?</td>
<td>a) OpenOffice.org</td>
<td>[1 point]</td>
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<td></td>
<td>b) Mozilla Firefox</td>
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<td></td>
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<td>c) Sophos Antivirus</td>
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<td></td>
<td>d) Windows Vista</td>
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<td>9.</td>
<td>Computers in a firm are connected to a network, so the staff could</td>
<td>a) LAN</td>
<td>[1 point]</td>
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<td>work together on files and share printers. That network is called:</td>
<td>b) FTP</td>
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<td>c) WAN</td>
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<td>d) ISDN</td>
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<td>10.</td>
<td>Which of these concepts describes the use of the Internet intended for</td>
<td>a) e-data exchange</td>
<td>[1 point]</td>
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<td>sending and receiving e-mails?</td>
<td>b) e-commerce</td>
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<td>c) e-mail</td>
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<td></td>
<td>d) e-retail</td>
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</tbody>
</table>
11. What is the name of the software, which is a core program on a computer, and is automatically loaded when the computer is turned on? [1 point]
   a) Shareware
   b) Freeware
   c) Operating system
   d) Licensed software

12. Hardware component that integrates other components into a computer is: [1 point]
   a) Motherboard
   b) Graphics card
   c) Hard disk drive (HDD)
   d) Keyboard

13. Physical parts of the computer are called: [1 point]
   a) Hardware
   b) Network computer
   c) Personal Computer – PC
   d) Software

14. Acronym for Integrated Services Digital Network is: [1 point]
   a) PSTN
   b) WWW
   c) ISDN
   d) ADSL

15. Type of malware, that can replicate autonomously and can corrupt data on your computer, is called: [1 point]
   a) Mouse
   b) Worm
   c) Lion
   d) Sparrow

16. Copyright - [1 point]
   a) inhibit software piracy
   b) protect software against viruses
   c) disable the firewall
   d) protect software author’s rights (from unauthorized copying and distribution)

17. What type of applications are used to protect your computer from viruses? [1 point]
   a) Antivirus software
   b) Databases
   c) Spreadsheet calculation program
   d) Accounting program

18. Which of the following is the best way to protect your computer against data loss? [1 point]
   a) Create database
   b) Create backup copies on storage media
   c) “Surfing” the Internet
   d) Often change password

19. Which of the following is not a medium for data storage? [1 point]
   a) Keyboard
   b) Hard disk
   c) USB Stick
   d) DVD disk
20. Which of the following issues is the result of a low monitor refresh rate or viewing a screen from an improper distance: [1 point]
   a) RSI (Repetitive strain injury)  
b) Visual impairment  
c) Spinal problems  
d) Virus infection

21. What do we call programs with free trial period or reduced functionality, before payment? [1 point]
   a) Shareware  
b) Freeware  
c) Operating system  
d) Licensed software

22. What is the name of the computer component designed for processing and displaying images on a monitor: [1 point]
   a) Motherboard  
b) Graphics card  
c) Hard disk drive (HDD)  
d) Keyboard

23. Every computer connected directly to the network via cable or a phone line, with at least one computer, is called: [1 point]
   a) Hardware  
b) Network computer  
c) Personal Computer – PC  
d) Software

24. Acronym for Asymmetric Digital Subscriber Line is: [1 point]
   a) PSTN  
b) WWW  
c) ISDN  
d) ADSL

25. Which of the following would be the typical memory size for a USB stick? [1 point]
   a) 1 byte  
b) 1175 byte  
c) 8 gigabyte  
d) 130 MB

26. Which of the following is not an operating system? [1 point]
   a) Internet Explorer  
b) Mac OS X  
c) Linux  
d) Windows XP

27. The input device, designed for digitizing, i.e. direct input of paintings, drawings or text, usually from paper to computer, is called: [1 point]
   a) Touch screen  
b) Scanner  
c) Plotter  
d) Digital camera

28. A set of office tools, that is free and can be used free of charge, is called: [1 point]
   a) OpenOffice.org  
b) Adobe Photoshop  
c) Microsoft Office  
d) Mozilla Firefox
29. Which of the following is not a pointing device? [1 point]
   a) Mouse  
   b) Joystick  
   c) Trackball  
   d) Monitor

30. The number, that comes with legally purchased software and certifies the origin of that program, is called: [1 point]
   a) Freeware  
   b) Copyright  
   c) Open source  
   d) Identification number of the software product

31. Due to virus threat, we should not: [1 point]
   a) connect computer to the Internet or any other computer network  
   b) install anti-virus programs that are used to detect viruses on the computer  
   c) open e-mails and pages from an unknown sender  
   d) change passwords

32. Which of the following is not a software? [1 point]
   a) Printer  
   b) Internet browser  
   c) Windows 95  
   d) Operative system

33. The most common health problems, associated with computer use, do not include: [1 point]
   a) Sprain (dislocation)  
   b) Spinal problems  
   c) Visual impairment  
   d) Virus infection

34. Tasks that are more suitable for a human than a computer [1 point]
   a) tasks that are repetitive and easy to automate  
   b) mathematical operations  
   c) understanding the context of the situation  
   d) hazardous situations

35. Which of the following is not a benefit of teleworking: [1 point]
   a) reduced travel time to work or it is not needed  
   b) lack of human contact  
   c) increased ability to concentrate on the job  
   d) flexible working hours

36. The symptoms of virus infected computers do not include: [1 point]
   a) slow performance  
   b) faster performance  
   c) cessation of response to commands  
   d) crash and re-start the operating system
37. Monitor is:  
   a) input device  
   b) input and output device  
   c) output device  
   d) none of these answers  

38. Which of the following is used for safely shutting the computer down?  
   a) Control Panel  
   b) My Computer  
   c) Start menu  
   d) Internet Explorer or Mozilla Firefox  

39. What is the function of Firewall?  
   a) organizes the software installed on your computer  
   b) creates complex documents  
   c) monitors and enables control of incoming and/or outgoing data traffic  
   d) does complex accounting calculations  

40. One of the advantages of e-mail is:  
   a) working hours are 9 - 19 every day  
   b) it is always available  
   c) allows face-to-face contact  
   d) viruses are commonly spread through e-mail attachments  

TOTAL POINTS 40

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This sample exam is intended for learning in conjunction with materials published on the following links:

*Notes:*

http://www.itdesk.info/Basic Concepts of Information Technology notes.pdf

*Handbook:*

http://www.itdesk.info/handbook_basic_ict_concepts.pdf

*Video presentation for a basic concepts overview of information technology:*


*Solution for this sample exam:*

http://www.itdesk.info/sample exam/sample exam solution module 1.pdf

*Quiz for self-evaluation is published at:*

http://www.itdesk.info/en/basic-concepts-ict-quiz/

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Publisher:
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ISBN: 978-953-56758-7-7