Basic Concepts of Information and Communication Technology

– solution of the sample exam published on link: www.itdesk.info/sample exam/sample exam module 1.pdf
Main title:

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

Subtitle:

*Basic Concepts of Information and Communication Technology, solution of the sample exam*

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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
1. One of the services, that can be used on the Internet and refers to browsing and searching content in the form of web pages, is called:  
   c) WWW

2. Which of the following is not a hardware?  
   b) Internet browser

3. Which of the following devices is used for printing blueprints?  
   c) Plotter

4. Software for digital photo editing is called:  
   b) Adobe Photoshop

5. Which of the following would be the typical size of a hard disk?  
   d) 80 GB

6. Which of the following is not an operating system?  
   a) OpenOffice.org

7. What type of computer application is used for calculations?  
   c) Spreadsheet calculation program

8. Which of the following is not application software?  
   d) Windows Vista

9. Computers in a firm are connected to a network, so the staff could work together on files and share printers. That network is called:  
   a) LAN

10. Which of these concepts describes the use of the Internet intended for sending and receiving e-mails?  
    c) e-mail
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]  
   c) Operating system

12. Hardware component that integrates other components into a computer is: [1 point]  
   a) Motherboard

13. Physical parts of the computer are called: [1 point]  
   a) Hardware

14. Acronym for Integrated Services Digital Network is: [1 point]  
   c) ISDN

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

16. Copyright - d) protect software author’s rights (from unauthorized copying and distribution) [1 point]

17. What type of applications are used to protect your computer from viruses? [1 point]  
   a) Antivirus software

18. Which of the following is the best way to protect your computer against data loss? [1 point]  
   b) Crate backup copies on storage media

19. Which of the following is not a medium for data storage? [1 point]  
   a) Keyboard
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>20. Which of the following issues is the result of a low monitor refresh</td>
<td>b) Visual impairment</td>
</tr>
<tr>
<td>rate or viewing a screen from an improper distance:</td>
<td></td>
</tr>
<tr>
<td>21. What do we call programs with free trial period or reduced</td>
<td>a) Shareware</td>
</tr>
<tr>
<td>functionality, before payment?</td>
<td></td>
</tr>
<tr>
<td>22. What is the name of the computer component designed for processing</td>
<td>b) Graphics card</td>
</tr>
<tr>
<td>and displaying images on a monitor:</td>
<td></td>
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<tr>
<td>23. Every computer connected directly to the network via cable or a</td>
<td>b) Network computer</td>
</tr>
<tr>
<td>phone line, with at least one computer, is called:</td>
<td></td>
</tr>
<tr>
<td>24. Acronym for Asymmetric Digital Subscriber Line is:</td>
<td>d) ADSL</td>
</tr>
<tr>
<td>25. Which of the following would be the typical memory size for a USB</td>
<td>c) 8 gigabyte</td>
</tr>
<tr>
<td>stick?</td>
<td></td>
</tr>
<tr>
<td>26. Which of the following is not an operating system?</td>
<td>a) Internet Explorer</td>
</tr>
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<td>27. The input device, designed for digitizing, i.e. direct input of</td>
<td>b) Scanner</td>
</tr>
<tr>
<td>paintings, drawings or text, usually from paper to computer, is called:</td>
<td></td>
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<tr>
<td>28. A set of office tools, that is free and can be used free of charge,</td>
<td>a) OpenOffice.org</td>
</tr>
<tr>
<td>is called:</td>
<td></td>
</tr>
</tbody>
</table>
29. Which of the following is not a pointing device?  
   d) Monitor [1 point]

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

31. Due to virus threat, we should not:  
   c) open e-mails and pages from an unknown sender [1 point]

32. Which of the following is not a software?  
   a) Printer [1 point]

33. The most common health problems, associated with computer use, do not include:  
   d) Virus infection [1 point]

34. Tasks that are more suitable for a human than a computer  
   c) understand the context of the situation [1 point]

35. Which of the following is not a benefit of teleworking:  
   b) lack of human contact [1 point]

36. The symptoms of virus infected computers do not include:  
   b) faster performance [1 point]

37. Monitor is:  
   c) output device [1 point]

38. Which of the following is used for safely shutting the computer down?  
   c) Start menu [1 point]
39. What is the function of Firewall?  [1 point]
c) monitors and enables control of incoming and/or outgoing data traffic

40. One of the advantages of e-mail is:  [1 point]
b) it is always available

| TOTAL POINTS | 40 |
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*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:

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

*Quiz for self-evaluation is published at:
http://www.itdesk.info/en/basic-concepts-ict-quiz/

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Publisher:
Open Society for Idea Exchange (ODRAZI), Zagreb

ISBN: 978-953-56758-7-7