**Arab Academy for Science and Technology & Maritime Transport**

**College of Engineering & Technology**

**Computer Engineering Department**

**EXAMINATION PAPER – Week 7**

Course Title: Introduction to Computers

Course Code: CC111

Date: Thurs. Nov, 12-2015 Lecturer: Dr. Manal Helal

Time allowed: 90 mins Start Time: 12:30 p.m.

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| --- | --- |
| Student's name: | Reg.#: |

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| --- | --- |
| **Question #** | **Marks** |
| **Available** | **Actual** |
| System Unit | 5  |  |
| Storage | 5 |  |
| Input/Output | 5 |  |
| Software | 5 |  |
| **Total** | **20** |  |
| **Lecturer** | Name: Dr. Manal Helal |
| Signature: |
| Date: |

ALL MCQ are worth 1 mark each.

**MPC6/1-1**

**System Unit [5 points]**

**1) The binary numbering system uses only two symbols—the digits 0 and 1—to represent all possible numbers.**

 **1) \_\_\_\_\_**

A) True B) False

**2) A \_\_\_\_ is the smallest unit of data that a binary computer can recognise.** **2) \_\_\_\_\_**

A) byte B) datum

C) pixel D) bit

**3) One measurement of the speed of a CPU is the \_\_\_\_, which is rated in megahertz (MHz) or gigahertz (GHz). 3) \_\_\_\_\_**

A) round per minute B) CPU clock speed

C) Kilobyte D) Watts

**4) \_\_\_\_ consists of nonvolatile memory chips that can be used for storage by the computer or the user. 4) \_\_\_\_\_**

A) RAM B) Register

C) SDRAM D) Flash memory

**5) A USB \_\_\_\_ is a device that plugs into your PC’s USB port to convert one port into several USB ports. 5) \_\_\_\_\_**

A) hub B) module

C) bus D) connector

**Storage [5 points]**

**6) A computer system with a C drive and a D drive must have two physical hard drives.**

 **6) \_\_\_\_\_**

A) True B) False

**7) A CD-R disc can be written to by the user. 7) \_\_\_\_\_**

A) True B) False

**8) Secure Digital (SD) cards are one type of \_\_\_\_ medium.** **8) \_\_\_\_\_**

A) Solid State Drive (SSD) B) Magnetic Media

C) Optical Media D) None of the above

**9) \_\_\_\_ A storage method that uses several hard drives working together, typically to increase performance and/or fault-tolerance. 9) \_\_\_\_\_**

A) Folder B) RAID

C) Disk Cache D) Solid State Drive (SSD)

**10) Memory used in conjunction with a magnetic hard drive to improve system performance is called a(n) disk \_\_\_\_**  **10\_\_\_\_\_**

A) SDRAM B) RAM

C) Disk Cache D) Network Storage

**Input/Output [5 points]**

**11) What is the input device required for a Pen-based computing application**

 **11\_\_\_\_\_**

A) Microphone B) Touch screen

C) Keyboard D) Stylus

**12) Which of the following is an output device**

 **12\_\_\_\_\_**

A) Speaker B) Biometric reader

C) Photo printer D) Flat-panel display

**13) To print high-quality black-and-white business letters and reports at home.**

 **13\_\_\_\_\_**

A) Personal laser printer B) Network laser printer

C) Ink-jet printer D) Portable printer

**14) A(n) \_\_\_\_ can be used to convert flat printed documents, such as a drawing or photograph, into digital form.**

 **14\_\_\_\_\_**

A) Printer B) Microphone

C) Scanner D) Speaker

**15) Portable computers and mobile devices virtually always use Flat panel displays, while some desktop computers may use the larger, more bulky \_\_\_\_ monitors.**

 **15\_\_\_\_\_**

A) LCD B) LED

C) Plasma D) CRT

**Software [5 points]**

**16) Which of the following are application software:**

 **16\_\_\_\_\_**

A) Office Suite B) Movie Maker

C) Photoshop D) Disk Defragmentation Utility

**17) \_\_\_\_ A duplicate copy of data or other computer content for use in the event that the original version is destroyed.**

 **17\_\_\_\_\_**

A) Compression Program B) Backup

C) Kernel D) Operating System

**18) The capability of an operating system to run more than one program at one time is referred to as \_\_\_\_.**

 **18\_\_\_\_\_**

A) Multi-user B) Shared

C) Server D) Multitasking

**19) The primary personal computer operating system developed by Microsoft Corporation is** **\_\_\_\_.**

 **19\_\_\_\_\_**

A) Unix B) Android

C) Windows D) Solaris

**20) \_\_\_\_ is an operating system that is available for free over the Internet.**

 **20\_\_\_\_\_**

A) Linux B) OS X

C) Unix D) Oracle

**Answers**

**1) A**

**2) D**

**3) B**

**4) D**

**5) A**

**6) B**

**7) A**

**8) A**

**9) B**

**10) C**

**11) D**

**12) A, C, D**

**13) A**

**14) C

15) D

16) A, B, C

17) B

18) D

19) C

20) A**