# IT & COMPUTER BASED INDIAN GENERAL AWARENESS MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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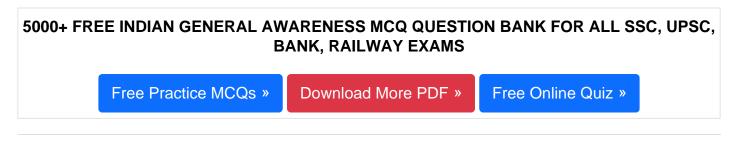
**Created By Careericons Team**

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**Q1.** Which of the following is **not** a secondary storage unit?

a) Floppy

b) RAM

c) DVD

d) Magnetic tape

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**Q2.** Compiler is the_____

a) part of the digital machine to store the information.

b) name given to the computer operator

c) operator of Boolean algebra

d) translator of source program to object code.

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**Q3.** The rate at which scanning is repeated in a CRT is called :

a) pitch

b) refresh rate

c) resolution

d) bandwidth

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**Q4.** Majority of the errors blamed on computers are actually due to

a) defects in media

b) programming errors

c) hardware failure

d) data entry errors

**Q5.** What is the commonly used unit for measuring the speed of data transmission ?

a) Bits per second

b) Mega Hertz

c) Characters per second

d) Nano seconds

**Q6.** PDA stands for

a) Personal Data Authority

b) Personal Digital Assistant

c) Personal Development Agency

d) Personal Data Array

**Q7.** Find the odd man out :

a) Mozilla

b) Internet Explorer

c) Netscape

d) Excel

**Q8.** Which of the following is **not** an operating system ?

a) Single user-Multitasking

b) Multi user-Single tasking

c) Single user- Single tasking

d) Multi user-Multitasking

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**Q9.** Which is **not** an extension of a picture file on a computer ?

a) .gif

b) .jpeg

c) .png

d) .mdb

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**Q10.** Which among the following statements is / are correct?

- Search giant Google has launched a new tool designed to allow users to explore the human body in a Google Earth-like style.
- Users will be able to explore and study bones, tissues and ligaments, along with various organs and muscles.

a) 2 only

b) 1 only

c) 1 and 2 both

d) None

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**Q11.** In IT terminology failure in the kernel is called as

a) Dump

b) Crash

c) C r a s h dump

d) Kernel error

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**Q12.** Which of the following devices is generally used to check multiple choice questions ?

a) MICR

b) OCR

c) OMR

d) Bar Code Reader

**Q13.** In IT, the method for updating the main memory as soon as a word is removed from the cache is called

a) Protected – write

b) Write – through

c) Write – back

d) Cache – write

**Q14.** Most of the computers available today are :

a) 5th generation computers

b) 3rd generation computers

c) 4th generation computers

d) 6th generation computers

**Q15.** The Simplest CPU – scheduling algorithm is _____.

a) Multilevel scheduling algorithm

b) SJF scheduling algorithm

c) Round robin scheduling algorith

d) FCFS scheduling algorithm

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**Answers to the above questions :**

**Q1. Answer: (b)**

RAM is not a secondary storage device. Storage consists of storage devices and their media not directly accessible by the Central Processing Unit (CPU).

Secondary storage is all data storage that is not currently in a computer's primary storage or memory.

**Q2. Answer: (d)**

A compiler is a computer program that transforms source code written in a programming language into another computer language the target language, often having a binary form known as object code.

**Q3. Answer: (b)**

The rate at which scanning is repeated in a CRT is called refresh rate.

**Q4. Answer: (d)**

A programming error is an error which results from bad code in some program involved in producing the erroneous result. But, most of the errors are due to the person using it or giving wrong commands or data to the system. The next most common source is the poorly coded software.

**Q5. Answer: (a)**

the commonly used unit for measuring the speed of data transmission in bits per second abbreviated bps. The baud rate is actually the measure of transitions per second.

A 56 kbps modem actually only changes its output amplitude, phase, and frequency 1200 times a second, but uses amplitude and phase to encode multiple bits into a single state.

**Q6. Answer: (b)**

A personal digital assistant (PDA), also known as a palmtop computer, or personal data assistant, is a mobile device that functions as a personal information manager. PDAs are largely considered obsolete with the widespread adoption of smartphones. Nearly all current PDAs have the ability to connect to the Internet.

**Q7. Answer: (d)**

Excel is different from the other three. Internet Explorer, Netscaps and Mozilla are navigation programmes. Microsoft Excel is a spreadsheet application.

**Q8. Answer: (b)**

A multi-user operating system allows multiple users to access a computer system at the same time.

Although frequently associated with multiprogramming, a multiuser operating system does, not imply multiprogramming or multitasking.

**Q9. Answer: (d)**

The most common image file formats, the most important for cameras, printing, scanning, and internet use, are JPG, TIF, PNG, and GIF. In computing, .mdb file-extension is used in certain versions of Microsoft Access databases.

**Q10. Answer: (c)**

Body Map is an interactive visual search tool that allows users to explore the human body in 3-D. With easy-to-use navigation, users can search multiple layers of the human anatomy, view systems and organs down to their smallest parts, and understand in detail how the human body works.

**Q11. Answer: (b)**

The kernel (also called nucleus) is a computer program that constitutes the central core of a computer's operating system. It is the first program loaded on startup, and then manages the remainder of the startup, as well as input/output requests from software, translating them into data processing instructions for the central processing unit. Its failure is called crash.

**Q12. Answer: (c)**

Optical Mark Reader (OMR) is a special type of optical scanner used to recognize the type of mark made by pen or pencil. It is used where one out of a few alternatives is to be selected and marked. It is specially used for checking the answer sheets of examinations having multiple choice questions.

**Q13. Answer: (c)**

The write-back method involves updating only the cache location and to mark it as updated with an associated flag bit, often called the dirty or modified bit. The main memory location of the word is updated later when the block containing this marked word is to be removed from the cache to make room for a new block.

The reason for the write-back method is that during the time a word resides in the cache, it may be updated several times.

**Q14. Answer: (c)**

Fourth Generation computers are modern-day computers. It began in 1971 when the Intel 4004 chip took the integrated circuit one step further by locating all the components of a computer (central processing unit, memory, and input and output controls) on a minuscule

chip.

The microprocessor is the characteristic of fourth-generation computers, capable of performing all of the functions of a computer's central processing unit.

### Q15. Answer: (d)

First-Come, First-Served (FCFS) Scheduling is the simplest CPU scheduling algorithm. It is like customers waiting in line at the bank or the post office or at a copying machine. Under it, the process that requests the CPU first is allocated the CPU first. However, the average waiting time under FCFS is long.

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