



**K16U 2489**

Reg. No. : NY15CR 93

Name : Fayyaz

**I Semester B.Sc. Degree (C.C.S.S. – Reg./Supple./Improv.) Examination,  
November 2016**

**CORE COURSE IN COMPUTER SCIENCE**

**1B01 CSC : Introduction to Computers and Programming Languages  
(2014 Admn. Onwards)**

Time : 3 Hours

Total Marks : 40

**SECTION – A**

1. One word answer. Answer all questions. **(8x1/2=4)**
- \_\_\_\_\_ is a piece of software that acts as an interface between user and inner working of internet or WWW.
  - EEPROM stands for \_\_\_\_\_.
  - \_\_\_\_\_ is a type of magnetic tape that uses an ingenious scheme called helical scan to record data.
  - \_\_\_\_\_ is an input device that can read text or illustrations printed on paper and translate the information into a form that computer can use.
  - The translator that converts high-level languages, one statement at a time, into machine code, before the programme is executed is \_\_\_\_\_.
  - \_\_\_\_\_ is used to define Symbolic constants in C.
  - A declaration float a ; occupies \_\_\_\_\_ bytes of memory.
  - \_\_\_\_\_ is a special function used by C to tell the computer where the program starts.

**SECTION – B**

Write short notes on **any seven** of the following questions :

**(7x2=14)**

- What is magneto optical storage ?
- What is the difference between data and information ?
- Differentiate between SRAM and DRAM.

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5. Define multiprogramming and multiprocessing.
6. Compare and contrast between a compiler and interpreter.
7. Enlist different format specifier in C.
8. Explain with example `++i` and `i++`.
9. What is URL ?
10. Write short notes on storage classes in C.
11. Define software privacy.

#### SECTION - C

Answer any four of the following questions : (4x3=12)

12. Write short notes on various classification of computers.
13. Compare primary memory with secondary memory.
14. Explain different ways to connect to internet.
15. Explain the structure of C program.
16. Write short notes on Web browser and Search Engine.
17. What are the steps involved in executing a C program ?

#### SECTION - D

Write an essay on any two of the following questions : (2x5=10)

18. Describe in brief relational and logical operators used in C language with examples.
19. What are the components of a computer system ? Explain with a neat diagram.
20. Explain in detail with syntax and examples any two input and output functions used in C.
21. Define cyber crime. Explain any four cyber crime and related laws in IT Act.