VIVEKANANDHA SCHOLARSHIP ELIGIBILITY TEST – VSET 2014
MODEL QUESTION PAPER
PART C – GENERAL AWARENESS:
CURRENT TRENDS IN COMPUTER APPLICATIONS (MCA)

1. Magnetic Tape is a_____ storage device.

   a) Sequential Access   b) Random Access

   c) Direct Access   d) None of these

2. DNS refers to

   a) Data Number Sequence   b) Domain Name System

   c) Disk Numbering System   d) None of these

3. Which number system do we use in our day to day activities?

   a) Octal   b) Analog

   c) Binary   d) Decimal

4. Eight consecutive bits are called a _____

   a) Bus   b) Byte

   c) Logic gate   d) Binary Digit

5. Large computer system typically uses

   a) Line Printers   b) Inkjet Printers

   c) Dot Matrix Printers   d) Daily Wheel Printers

6. Which kind of devices allows the user to add computer system?

   a) System Boards   b) Storage Devices

   c) i/p Devices   d) Expansion slots

7. When an i/p electrical signal A=10100 is applied to a NOT Gate, its output signal is?

   a) 01011   b) 10001

   c) 10101   d) 00101

8. The arranging of data in a logical sequence is called as

   a) Sorting   b) classifying

   c) Reproducing   d) Summarizing

9. Find out the odd one out

   a) LINUX   b) SQL

   c) UNIX   d) OS/2

10. _____ is a set of computer programs used on a computer to help perform tasks

    a) An instruction   b) software

    c) Memory   d) A processor

11. _____ describe what is database fields

    a) Structure   b) Field Markers

    c) Field Definition   d) Field Names

12. Pick the odd one out

    a) Counting sort   b) Bubble Sort

    c) Shell Sort   d) Radix Sort

13. Which of the following is not a programming language?

    a) ADA   b) LISP

    c) PL/I   d) BEANS

14. Micro computer is a

    a) First Generation computer   b) Second Generation Computer

    c) Third Generation Computer   d) Fourth Generation Computer

15. _____ program which translates programs written in the high level language into machine language

    a) High level language   b) Low level language

    c) Compiler   d) None of these

16. A term used to describe the repetition of a sequence of instructions in a computer program is

    a) Branching   b) Looping

    c) Indexing   d) None of these

17. With respect to computers, information is _____

    a) A fact about a person   b) A collection of data

    c) A set of processed data   d) A collection of fields

18. Third generation computers are manufactured using

    a) vacuum tubes   b) Transistors

    c) Integrated Circuit Chips   d) Microprocessors

19. Find the one's complement of 1001010?

    a) 0110101   b) 01001001

    c) 00110101   d) None of these

20. Input/output serves as

    a) An interface between data and program   b) An interface between user and machine

    c) An interface between Input and CPU   d) an interface between input and memory

21. GOTO statement is a

    a) Conditional statement   b) Assignment Statement

    c) Unconditional statement   d) Loop Statement

22. Logical operator includes

    a) AND, OR, NOT & XOR   b) AND, OR, EQUAL & XOR

    c) AND, XOR, <> & XOR   d) AND, XOR, # & XOR

23. A Destructor takes

    a) Zero Argument   b) One argument

    c) Two arguments   d) three arguments

24. The first computer programmer in the world was

    a) Hollerith   b) Babbage

    c) Lady Ada Lovelace   d) None of these

25. Using the computer to solve a problem of interest is called _____

    a) Computer application   b) Data processing

    c) Control Processing   d) None of these

26. Which of the following is an example of a volatile memory _____

    a) RAM   b) PROM

    c) ROM   d) HARD DISK

27. A set of similar records is called a _____

    a) Data item   b) record

    c) Database   d) File

28. Modem is

    a) Modern Mathematics   b) Modulator and Demodulator

    c) Modulating Mathematics   d) None of these

29. Buffer is a

    a) Permanent memory   b) Temporary memory

    c) Screen Memory   d) Parameter

30. WAN stands for

    a) Wide Area Network   b) Wide Acess Network

    c) World Area Network   d) Wide Artifical Network

31. Data Transfer rate in modems is measured in

    a) bits/minute   b) bits/second

    c) bytes/second   d) none of these

32. An algorithm is best described as

    a) A computer language   b) A step by step procedure for solving a problem

    c) A branch of mathematics   d) All of these

33. _____ is need to build dynamic web documents

    a) DHTML   b) CSS

    c) JAVA SCRIPT   d) All of the above

34. The number of layers in OSI reference model is

    a) 4   b) 5

    c) 6   d) 7

35. The browser is a _____

    a) Software   b) a website name

    c) a window name   d) None of the above

36. GIF stands for _____

    a) Graphics Interface format b) Graphics Interchange format

    c) Graphics Interface form   d) none of the above

37. Verification of a login name and password is known as

    a)Validation   b) Authorization

    c) Authentication   d) logging in

38. Software, such as viruses, worms and Trojan horse, that has a malicious intent is known

    as:

    a)Spyware   b) adware

    c) Spam   d) Malware

39. Which of the following is not a type of broadband internet connections?

    a) Cable   b) DSL

    c) Dial -Up   d) satellite

40. URL stands for

    a) Universal Research List   b) Uniform Resource Locator

    c) Universal Research List   d) Uniform Research Locator

ANSWER KEY

1-A, 2-B, 3-C, 4-B, 5-A, 6-D, 7-A, 8-A, 9-B, 10-B, 11-D , 12-A, 13-D, 14-D, 15-C, 16-B, 17-C, 18-C, 19-A, 20-B, 21-C, 22-A, 23-A, 24-c, 25-A, 26-A, 27-D, 28-B, 29-B, 30-A, 31-B, 32-B, 33-D, 34-DM 35-A, 36-B, 37-C, 38-D, 39-C, 40-B