**001** Which pair of singular and plural gender is incorrect?
- (A) Calf - Calves
- (B) Man - Men
- (C) **Loaf - Loafs**
- (D) Ox - Oxen

**002** I shall have been writing letters for some time before you return is a _____.
- (A) **future perfect continuous tense.**
- (B) present perfect continuous tense.
- (C) future present tense.
- (D) simple future tense.

**003** Find out the incorrect spelling.
- (A) Slavery
- (B) Pleader
- (C) Orator
- (D) **Begger**

**004** Change of verbs in to nouns:

Find out the correct pair
- (A) Act - Acting
- (B) **Believe - Belief**
- (C) Excite - Excited
- (D) Enjoy – Entertain

**005** Select the correct sentence.
- (A) **The cows as well as the bullocks is very useful.**
- (B) He is a man who respect his parents.
- (C) It is I who are responsible for this loss.
- (D) Many a man have died for his country.

**006** If today is Sunday, then three days from now will be _____.
- (A) Tuesday
- (B) Friday
- (C) **Wednesday**
- (D) Monday

**007** If Pratap could be given a code number 1618120116, what code number can be given to NAVIN.
- (A) 73957614
- (B) 14289618
- (C) 19274651
- (D) **14122914**

**008** Six persons A, B, C, D, E and F are standing in a raw. C and D are standing close to each other alongside E. B is standing beside A only. A is fourth from F. Who are standing on the extremes?
- (A) C and B
- (B) **B and F**
- (C) A and F
- (D) B and D

**009**   What will come in the place of the question mark (?) in the following series?

10000 – 6400 – 3600 – ?
(A)   2600
(B)   1600
(C)   1800
(D)   1200

**010**   Rohan got Rs 120/- as a half year interest on the investment of the Rs. 3000/-. What will be rate of interest?
(A)   6%
(B)   7%
(C)   9%
(D)   8%

**011**   A man said, "This girl is the wife of the grandson of my mother." Who is the man to the girl?
(A)   Father-in-Law
(B)   Grand Father
(C)   Father
(D)   Brother

**012**   Find out the opposite of the word : Denial
(A)   Refusal
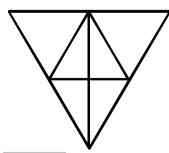(B)   Available
(C)   Acceptance
(D)   Desirable

**013**   21 mango trees, 42 apple trees and 56 orange trees have to be planted in rows such that row contains the same number of trees of one variety only. Minimum number of rows in which the trees may be planted is _____?
(A)   20
(B)   18
(C)   19
(D)   17

**014**   Three of the following four words are alike in a certain way and one is different. Select the odd one.
(A)   Optical reader
(B)   Bifocals
(C)   Spectacles
(D)   Goggles

**015**   How many triangles are there in the figure given below?



(A)   13
(B)   12
(C)   14
(D)   15

016    **What does CPU Stand for?**
(A)    **Central Processing Unit.**
(B)    Computer Processing Unit.
(C)    Central Peripheral Unit.
(D)    Central Program Unit.

017    **Which programming language is known for its simplicity and readability?**
(A)    Java
(B)    C++
(C)    **Python**
(D)    Assembly

018    **What is quantum computing?**
(A)    Traditional computing based on quantum mechanics
(B)    **Computing using quantum bits (qubits)**
(C)    Computing without binary code
(D)    Advanced Artificial Intelligence

019    **What is the function of an SSD (Solid State Drive) in a computer?**
(A)    Long-term storage.
(B)    Temporary storage for running programs.
(C)    Virtual machine emulation.
(D)    **High speed data access.**

020    **What is the function of RAM in a computer?**
(A)    Long-term storage
(B)    Data Input / Output
(C)    **Temporary storage for running programs**
(D)    File organization

021    **What is the purpose of firewall in computer security?**
(A)    Speed up internet connection.
(B)    Manage file permissions.
(C)    **Prevent unauthorised access.**
(D)    Scan for virus.

022    **What is the purpose of a QR code?**
(A)    Query Resolution
(B)    Quantitative Reporting
(C)    Quality Recognition
(D)    **Quick Response**

023    **What is the significance of the term "Big Data"?**
(A)    Large physical store storage
(B)    Massive computational power
(C)    **Huge volumes of diverse data**
(D)    Extensive network coverage

024    **What is the main purpose of a version control system like Git?**
(A)    Code optimization
(B)    **Code execution**
(C)    Code collaboration
(D)    Code compilation

025    **What is the purpose of Cloud Computing?**
(A)    **Centralised data storage**
(B)    Local file sharing
(C)    Offline processing
(D)    Physical server management

026 An astronaut in outer space will observe sky as
   (A)   White
   (B)   **Black**
   (C)   Blue
   (D)   Red

027 Which is considered as the biggest port of India?
   (A)   Kolkata
   (B)   Cochin
   (C)   Chennai
   (D)   **Mumbai**

028 The statement showing fort and place mentioned below. Which is not correct statement?
   (A)   Kangra fort - Himachal Pradesh
   (B)   Amer fort - Rajasthan
   (C)   Raigad fort - Maharashtra
   (D)   **Golconda fort - Karnataka.**

029 Forest parks and reserve and the states mentioned below which statement is not correct?
   (A)   Jim Corbett national park - Uttarakhand
   (B)   Nanmangalam reserved forest - Tamil Nadu
   (C)   **Kakrail reserve forest - Rajasthan**
   (D)   Amarambalam reserved forest - Kerala

030 Match the Dance and state of origin

| Dance | State |
|---|---|
| 1. Bharatnatyam | a. Tamil Nadu |
| 2. Kathak | b. Uttar Pradesh |
| 3. Kuchi Pudi | c. Andhra Pradesh |
| 4. Katha Kali | d. Kerala |

   (A)   1 – B, 2 – C, 3 – D, 4 – A
   (B)   **1 – A, 2 – B, 3 – C, 4 – D**
   (C)   1 – C, 2 – D, 3 – A, 4 – B
   (D)   1 – D, 2 – A, 3 – B, 4 – C

031 Wars of and parties are mentioned below. Which Pair is not correct?
   (A)   First battle of Tarain – Prithviraj and Mohamad Ghori
   (B)   **First battle of Panipat – Barar and Rana Sang**
   (C)   Battle of Chausa – Sher Shah and Humayun
   (D)   Battle of Samugarh – Dara Shikoh and Mughals

032 The Gujarat Public University Act 2023, came into force on
   (A)   8th October 2023
   (B)   **9th October 2023**
   (C)   10th October 2023
   (D)   11th October 2023

033 Objectives of Public Universities are mentioned under which sections?
   (A)   Sec. 2
   (B)   Sec. 3
   (C)   **Sec. 4**
   (D)   Sec. 5

034 Officers of Private University are mentioned under which section of the Act?
   (A)   Sec. 7
   (B)   **Sec. 8**
   (C)   Sec. 6
   (D)   Sec. 5

035 Section and contents are mentioned below. Which pair is not correct?
  (A) Sec. 9 - The Chancellor
  (B) Sec. 10 - Appointment of Vice-Chancellor
  (C) Sec. 11 - Appointment of Registrar
  (D) Sec. 13 - Officers etc. to be public servant

036 (1) The university grants commission (UGC) came in to existence on 28th Dec. 1955
  (2) UCG became a statutory organisation by Act in 1958
  (A) only 1 is correct
  (B) only 2 is correct
  (C) both 1 and 2 are correct
  (D) both 1 and 2 are not correct

037 (1) UGC advises Central and State Government for development of Higher Education
  (2) UGC is located in 4 Locations
  (A) only 1 is correct
  (B) only 2 is correct
  (C) both 1 and 2 are correct
  (D) both 1 and 2 are no correct

038 (1) All India council for Technical Education (AICTE) was set up in November 1945
  (2) All India council for Technical Education Act passed in 1987
  (A) both the statement 1 and 2 are correct
  (B) only 1 is correct
  (C) only 2 is correct
  (D) both 1 and 2 are not correct

039 (1) Smart India Hackathon is for better product innovation and development of mindset for problem solving.
  (2) SWAYAM is a platform for hosting all courses, to be accessed by anyone, anywhere at any time
  (A) only 1 is correct
  (B) only 2 is correct
  (C) both 1 and 2 are correct
  (D) both 1 and 2 are not correct

040 (1) The Pharmacy Act was enacted on 4/3/1948
  (2) PCI was constituted on 9/9/49 under section 13 of the Act
  (A) both 1 and 2 are correct
  (B) both 1 and 2 are not correct
  (C) only 1 is correct
  (D) only 2 is correct

041 ગુજરાતી ભાષામાં નામના કેટલા પ્રકાર છે ?
  (A) 8
  (B) 7
  (C) 6
  (D) 5

042 નીચેના પૈકી કઈ સંધિ સ્વર સંધિ નથી ?
  (A) સ્થળ + અંતર = સ્થળાંતર
  (B) જળ + આશય = જળાશય
  (C) રવિ + ઈન્દ્ર = રવીન્દ્ર
  (D) સમ્ + ઈક્ષા = સમીક્ષા

**043** નીચેના પૈકી સમાનાર્થી શબ્દોની કઈ જોડી યોગ્ય નથી ?
(A) અખિલ - આખુ, બધું
(B) અતિથિ – પરોણો
(C) અનિલ – ગર્વ, અહંકાર
(D) અરજ – અનુનય, વિનંતી

**044** ઉચ્ચારણ કે વર્ણનુ સામ્ય હોય પરંતુ અર્થ અલગ હોય, તેવી કઈ જોડી યોગ્ય નથી ?
(A) અપેક્ષા - આશા # ઉપેક્ષા - અવગણના
(B) અનુસાર - પ્રમાણે # અનુસ્વાર – એક લિપિચિહ્ન
(C) અંસ - ભાગ # અંશ - ખભો
(D) ઈમાન - પ્રામાણિકતા # ઈનામ - બક્ષિસ

**045** શબ્દ સમૂહ માટેના એક શબ્દની કઈ જોડી યોગ્ય નથી ?
(A) સાઠ વર્ષ પૂરા થતા ઉજવાતો ઉત્સવ – હીરક મહોત્સવ
(B) સો વર્ષ પૂરા થતા ઉજવાતો ઉત્સવ – શતાબ્દી ઉત્સવ
(C) પહેલા થઈ ગયેલુ – અનુગામી
(D) બે મોટા સમુદ્રને જોડનાર ખાડી – સમુદ્રધુની

**046** Which organisations scientists confirm 2023 as the hottest year ever recorded?
(A) **European Union**
(B) United Nations
(C) WHO
(D) NASA

**047** Which country recently passed a bill prohibiting the consumption and sale of dog meat?
(A) China
(B) Tiwan
(C) Thailand
(D) **South Korea**

**048** What is the name of indigenous assault rifle, launched by DRDO for the armed forces?
(A) Rakshak
(B) Ugram
(C) Nirbhay
(D) **Shakti**

**049** Which international organisation introduced medicine code for Ayurveda, Siddha and Unani system as Part of the ICD-11 module-2
(A) UNESCO
(B) **WHO**
(C) UNICEF
(D) CDC

**050** In which city of India, Prasadam the country's first hygienic food street was inaugurated by Union Health Minister?
(A) Indore
(B) Surat
(C) **Ujjain**
(D) Gwalior

**051** In 8085 microprocessor, the stack works on the principle of
(A) First in First out (FIFO)
(B) Last in Last out (LILO)
(C) **Last in First out (LIFO)**
(D) None

**052** If the network is to be executed beyond predefined cable limit _____ is used.
- (A) Modem
- (B) Repeater
- (C) Hub
- (D) Router

**053** BUS topologies are suitable for networks that uses _____ access methods.
- (A) contention based
- (B) token passing
- (C) polling
- (D) None of these

**054** In which network topology all devices are connected to a central hub?
- (A) Ring
- (B) Star
- (C) BUS
- (D) None of the above

**055** The last address of IP address represents
- (A) Unicast address
- (B) Network address
- (C) Broadcast address
- (D) Memory address

**056** Which of the following provides reliable communication?
- (A) TCP
- (B) IP
- (C) UDP
- (D) All OF the above

**057** How is a variable accessed from another file?
- (A) Via the extern specifier
- (B) Via the auto specifier
- (C) Via the global specifier
- (D) Via the pointer specifier

**058** Which of the Following Functions need a file name?
- (A) Fopen
- (B) Fclose
- (C) Fread
- (D) None of these

**059** Which of the following network access standard is used for connecting Stations to a circuit switched Network?
- (A) X.25
- (B) X.75
- (C) X.21
- (D) X.3

**060** Which OSI layer corresponds to the TCP-UDP layer?
- (A) Transport
- (B) Network
- (C) Data link
- (D) Physical

**061** Which command allows you to view or edit configuration files?
- (A) SYSEDIT
- (B) REGEDIT
- (C) CFGEDIT
- (D) AUTOEDIT

062 What files are needed to boot in wings?
(A) Win.ini
(B) Config.sys
(C) MsDos.sys
(D) Wystem.ini

063 Which of the following is not required for operating system startup?
(A) IO.SYS
(B) MSDOS.SYS
(C) COMMAND.COM
(D) CONFIG.SYS

064 Which type of multitasking requires that an application voluntarily relinquish control of the CPU?
(A) Non-preemptive
(B) Cooperative
(C) Preemptive
(D) Linear

065 In device manager, how do you toggle from one device to another
(A) Tab
(B) Home
(C) Enter
(D) Arrow key

066 What is the protocol for the World Wide Web?
(A) FTP
(B) HTTP
(C) SMTP
(D) SNTP

067 Which device has its own BIOS?
(A) Hard drive
(B) Sound card
(C) Video adapter
(D) Network Interface adapter

068 What file system supports encryption in Windows 2000?
(A) dos
(B) fat
(C) hpfs
(D) ntfs

069 How do you configure 2 drives on your system?
(A) One as primary and the other as a logical drive
(B) One as a primary and the rest as extended Partitions
(C) Both as extended drives
(D) Both as primary drives.

070 A temporary swap file has what file extension?
(A) SWP
(B) TXT
(C) SWAP
(D) PAR

071 Linux is
(A) Windows NT like operating system
(B) DOS like operating system
(C) Unix like operating system
(D) Novel Netware like operating system

072    What of the following tool is used to check and repair Linux file systems?
(A)    mkfs
(B)    fdisk
(C)    fsck
(D)    mount

073    Which of the following command is used to copy file1 to file2?
(A)    copy file1 file2
(B)    cp file1 file2
(C)    mv file1 file2
(D)    mov file1 file2

074    What port does squid listen, by default?
(A)    4322
(B)    2314
(C)    7334
(D)    3128

075    Which methods can you use to install Red Hat Linux?
(A)    Samba
(B)    FTP
(C)    CD-ROM
(D)    CORBA

076    You just uploaded a web site to the server, but now some of the images are not being displayed properly. What can be the problem?
(A)    MIME settings wrong on the server
(B)    Wrong browser settings
(C)    The O.S. does not support scripting
(D)    Firewall settings wrong

077    What are the best types of documents to distribute using Electronic Data Interchange (EDI)?
(A)    E-mail
(B)    Reports
(C)    Order and Invoices
(D)    Memos

078    Browsers commonly support which clientside scripting language?
(A)    JAVA
(B)    JavaScript
(C)    CGI
(D)    PERL

079    You are creating a run reports menu item. Which substitution parameter will you use to prompt to the user to enter a report name when this menu item is selected?
(A)    %
(B)    #
(C)    :
(D)    &

080    Which forms object is used to display object the contents of a form?
(A)    Window
(B)    Canvas
(C)    Block
(D)    Item

081    Which Internet bandwidth technology is mainly used on the Internet back bone?
(A)    Frame Relay
(B)    X.25
(C)    T3/E3
(D)    ATM

**082** You can start the SQL server manually with which of the following methods?
(A) At command prompt, in a variety of ways
(B) The services application in control panel
(C) SQL Server Service Manager
(D) All of the above

**083** Which of the following programming languages can the DTS data transformation GUI use to directly transform data?
(A) Java
(B) Visual Basic
(C) C
(D) Perl

**084** Which of the following system databases records all the system level information for a SQL server system?
(A) tempbd
(B) master
(C) model
(D) msdb

**085** You construct a list by calling new list (10, false). Which statement or statements below are correct?
(A) The list has 10 visible items
(B) The list does not support multiple selection
(C) The list will acquire a vertical scroll bar if needed
(D) All of the above

**086** What kind of stream is the system out object?
(A) java.io.OutputStreamWriter
(B) java.io.PrintStream
(C) java.io.FileWriter
(D) java.io.BufferedWriter

**087** When an applet uses an input stream create by a URL, which network protocol is involved?
(A) Multicast
(B) HTTP
(C) ISO8859-1
(D) UDP

**088** Elements in an array are identified by a unique
(A) Symbol
(B) Subscript
(C) Order
(D) Data type

**089** Variables that are declared in a block are known as _____ variables to that block.
(A) immediate
(B) global
(C) local
(D) confined

**090** A high speed device used to in CPU for temporary storage during processing is called
(A) a register
(B) a bus
(C) a databus
(D) address bus

**091** The octal equivalent of hexadecimal number 3DE is
(A) 1736
(B) 3176
(C) 1037
(D) 1111

092 **Which is the computer memory that does not forget?**
(A) **ROM**
(B) **RAM**
(C) **PROM**
(D) **EPROM**

093 **How many full adders are needed to add two 4-bit numbers with a parallel odder?**
(A) **8**
(B) **4**
(C) **2**
(D) **16**

094 **Translator of a high-level language into the object code is called**
(A) **Interpreter**
(B) **Application program**
(C) **Compiler**
(D) **Assembler**

095 **In a large DBMS**
(A) **each user can "See" only a small part of the entire database**
(B) **each subschema contains every field in the logical schema**
(C) **each user can access every subschema**
(D) **All of the above**

096 **A file manipulation command that extracts some of the records from a file is called**
(A) **SELECT**
(B) **PROJECT**
(C) **JOIN**
(D) **None of the above**

097 **A report generator is used to**
(A) **update files**
(B) **print files on paper**
(C) **both (A) and (B) above**
(D) **none of the above**

098 **Administrative supervision of database activities is the responsibility of the**
(A) **Database administrator**
(B) **DP Manager**
(C) **DB Manager**
(D) **VP-DP administration**

099 **Which language is used by most of DBMSs for helping their users to access data?**
(A) **4GL**
(B) **SQL**
(C) **Query language**
(D) **HLL**

100 **In a multi user database, if two users wish to update the same record at the same time, they are prevented from doing so by,**
(A) **jamming**
(B) **password**
(C) **documentation**
(D) **record lock**