



S.S.C. Annual Examinations 2022
(MODEL QUESTION PAPER)
COMPUTER SCIENCE IX
(Science Group)

Total Duration: 2 Hours

Total Marks: 60

SECTION "A" MULTIPLE CHOICE QUESTIONS (MCOS)

Time Allowed: 30 Minutes

Max Marks: 24

Note: This Section consists of 24 questions and all are to be answered. Each question carries 1 Mark.

Q1. Choose the correct answer for each from the given option and shade the circle in the answer copy:

I) What is capable of handling huge sets of data:

- a) DBMS
- b) Flat file system
- c) Firmware
- d) Operating System

II. Graphical User Interface (GUI) was developed in:

- a) 2nd generation
- b) 4th generation
- c) mechanical era
- d) electro-mechanical era

III. A program that can enable the user to interact with a computer is called:

- a) My document
- b) Start menu
- c) Desktop
- d) Interface

IV. It defines a paragraph of text in a web page

- a) <p>
- b)

- c) <pre>
- d) <u>

V. Which of the following Microsoft Office package is a DBMS?

- a) MS-Words
- b) MS-EXCEL
- c) MS-POWERPOINT
- d) MS-ACCESS

VI. The type of networking that helps to cover a large geographical area is called:

- a) LAN
- b) MAN
- c) WAN
- d) All of them

VII. This is the number of signals transmitted per second:

- a) Data Rate
- b) Baud Rate
- c) Noise Rate
- d) None of them

VIII. A person who gains unauthorized access to another system is called:

- a) Hacker
- b) Cracker
- c) Malware
- d) Phishing

IX. The device that converts hardcopy into softcopy is:

- a) Printer
- b) Plotter
- c) Scanner
- d) Barcode reader

X. The web browser will translate the codes in a webpage if the extension of the document is:

- a) HTML
- b) TXT
- c) DOC
- d) PDF

XI. WWW stands for:

- a) World Wide Web
- b) World Wild Web
- c) World Word Web
- d) Word World Web

XII. The software which performs all basic tasks is:

- a) Antivirus
- b) Start Menu
- c) Operating System
- d) Office Automation

XIII. This is a method of trying to gather personal information using false E-mails and website:

- a) Scam
- b) Phishing
- c) Hacking
- d) Click jacking

XIV. Modern languages use:

- a) Compiler
- b) Interpreter
- c) Convertor
- d) Assembler

XV. Related fields in the Database are grouped to form a.

- a) Data files
- b) Data record
- c) Menu
- d) Bank

XVI. The best computer for solving Algebraic equations is:

- a) Digital
- b) Hybrid
- c) Analog
- d) All of them

XVII. Which of the following is not an operating system?

- a) Windows
- b) Linux
- c) Oracle
- d) DOS

XVIII. Combination of Row and Column in MS-EXCEL is called:

- a) Line
- b) Block
- c) Cell
- d) Matrix

XIX. What is bootstrapping called?

- a) Cold boot
- b) Cold hot boot
- c) Hot Boot
- d) Hot cold boot

XX. It is a physical path over which a message travels:

- a) Protocol
- b) Medium
- c) Signal
- d) All of them

XXI. Which of the following is not a font style?

- a) Bold
- b) Italic
- c) Superscript
- d) Regular

XXII. It was the first calculating device:

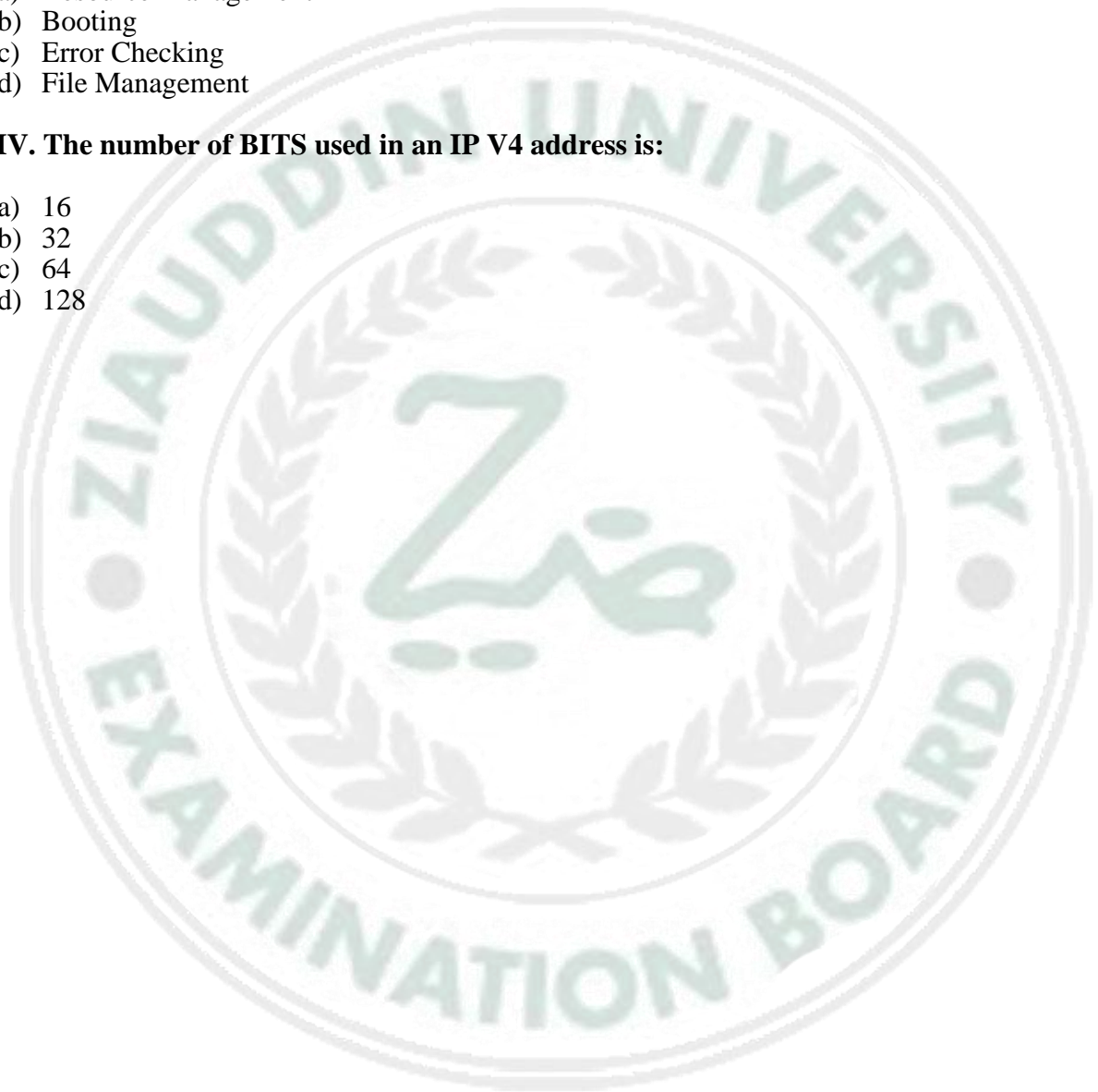
- a) ABACUS
- b) ENIAC
- c) EDSAC
- d) Pascaline

XXIII. The process of checking computer, starting the operating system & making it ready to work is referred to as:

- a) Resource Management
- b) Booting
- c) Error Checking
- d) File Management

XXIV. The number of BITS used in an IP V4 address is:

- a) 16
- b) 32
- c) 64
- d) 128



Time: 01-hour 30 minutes

Total Marks: 36

SECTION 'B' (SHORT-ANSWER QUESTIONS) Marks: 24

NOTE: Attempt any 6 questions from this section. Each question carries 04 mark.

❖ **Write the Question in the space provided in Section B in the answer copy and write the answer below.**

Q2A. Define data types in database? Discuss any three basic data types?

OR.

Q2B. Differentiate between ROM and RAM?

Q3A. What is the difference between single user and multi user OS?

OR

Q3B. Write three differences between Physical address and Logical address?

Q4A. Define BUS? How many types of BUSES are there? Write their names?

OR

Q4B. Describe Hypertext Markup Language (HTML)?

Q5A. What can a Hacker do to your computer?

OR

Q5B. Differentiate System and Application software?

Q6A. Write any three differences between Analog Signal and Digital Signal?

OR

Q6B. Write three differences between Compiler and Interpreter?

Q7A. Simplify the following Boolean expression with K - Map?

OR

Q7B. Convert the following Decimal Numbers into Required Equivalents?

a) 209 into Binary

b) 207 into Octal

c) 3009 into Hex

d) 2020 into Binary

SECTION "C" (DETAILED-ANSWER QUESTIONS)

Marks: 12

Note: Attempt any two question from this section, each question carries 6 marks.

- ❖ **Write the Question in the space provided in SECTION C in the answer copy and write the answer below.**

Q8A. Differentiate between CLI and GUI. Write any two benefits of each?

OR

Q8B. Define World Wide Web, Web Page and Web site?

Q9A. Explain the basic components of DBMS.

OR

Q9B. Define Topology. Explain its types?

