



BOARD OF INTERMEDIATE & SECONDARY EDUCATION, HYDERABAD

Excellence – Equity – Empathy

Time: 2 Hours

COMPUTER SCIENCE MODEL PAPER (CLASS: IX)

Marks: 60

SECTION A

(Condensed Syllabus) **MULTIPLE CHOICE QUESTIONS (MCQs)**

Min: 30

Q.No.1 Choose the correct answer.

- (i) The basic operations performed by a computer are
- | | |
|--------------------------|-----------------------|
| A. Arithmetic operations | B. Logical operations |
| C. Data processing | D. All the above |
- (ii) Both physical and logical addresses are
- | | |
|--------------|--------------|
| A. Different | B. Unique |
| C. Permanent | D. Temporary |
- (iii) All HTML documents start with
- | | |
|---------------|----------------|
| A. <head> tag | B. <body> tag |
| C. <html> tag | D. </html> tag |
- (iv) The most common text entering device is
- | | |
|--------------|-------------|
| A. Light pen | B. Joystick |
| C. Keyboard | D. Mouse |
- (v) 1 Gigabyte (GB) is equal to:
- | | |
|-------------------|-------------------|
| A. 1024 bits | B. 1000 megabytes |
| C. 1024 kilobytes | D. 1024 megabytes |
- (vi) Analog computer works on the supply of:
- | | |
|---------------------------------|------------------------------|
| A. Continuous electrical pulses | B. Pulses but not continuous |
| C. Magnetic strength | D. None of the above |
- (vii) The computer that processes both analog and digital data is called
- | | |
|--------------------|-----------------------|
| A. Analog computer | B. Digital computer |
| C. Hybrid computer | D. Mainframe computer |
- (viii) Graphical User Interface(GUI) was developed in
- | | |
|----------------------|---------------------------|
| A. Second generation | B. fourth generation |
| C. Mechanical era | D. Electro-mechanical era |
- (ix) The first generation computers were programmed by:
- | | |
|----------------------|---------------------|
| A. Assembly language | B. Machine language |
| C. Source code | D. Object code |
- (x) Fifth generation computers were based on
- | | |
|-----------------------------|---------------------------------|
| A. Programming Intelligence | B. Artificial Intelligence |
| C. System Knowledge | D. Very large Scale Integration |
- (xi) Any data or instruction entered into the memory of computer is considered as
- | | |
|------------|----------------|
| A. Storage | B. Output |
| C. Input | D. Information |
- (xii) MICR stands for
- | | |
|------------------------------|--|
| A. Magnetic Ink Code Reader | B. Magnetic Ink Character Recognition. |
| C. Magnetic Ink Cases Reader | D. None of the above |
- (xiii) The most powerful, fastest and largest computers are:
- | | |
|-------------------|-------------------|
| A. Microcomputers | B. Mainframe |
| C. Minicomputers | D. Supercomputers |
- (xiv) Desktops, laptops, tablets and smart phones are examples of
- | | |
|------------------------------|------------------------------|
| A. Special purpose computers | B. General purpose computers |
| C. Analog computers | D. Hybrid Computers |
- (xv) An electric path on which data is sent and received by different components is
- | | |
|-------------|----------|
| A. Register | B. Port |
| C. Bus | D. Clock |

- (xvi) The programme that is generally installed to manage and maintain overall computer resource is
- A. Operating system
B. Utility program
C. Language translator
D. Device driver
- (xvii) Microsoft Word is an example of
- A. An operating system
B. Processing device
C. Application software
D. System software
- (xviii) Which of the following is not paper size
- A. legal
B. Executive
C. Landscape
D. A3
- (xix) A process of checking computer and starting operating system as
- A. File management
B. Booting
C. Resource management
D. Memory management
- (xx) Computer spreadsheet cell is highlighted with a heavy border is a
- A. Active cell
B. Cell containing a formula
C. Locked cell
D. Cell
- (xxi) Selecting text means, selecting:
- A. a word
B. an entire sentence
C. whole document
D. any of the above
- (xxii) Which is not in MS word?
- A. Italic
B. Magnetic tool
C. Font
D. Bold
- (xxiii) In excel columns are labeled as:
- A. A, B, C, etc.
B. 1, 2, 3, etc.
C. A1, A2, A3, etc.
D. \$A\$1, \$A\$2, etc.
- (xxiv) Which of the following is not a type of page margin?
- A. Right
B. Left
C. Top
D. Center
- (xxv) An intermediate storage area, which is available inside microprocessor is
- A. Cache
B. Register
C. Clock
D. Secondary storage
- (xxvi) Which menu in MS Word can be used to change character size and typeface?
- A. View
B. Tools
C. Format
D. Data
- (xxvii) The intersection of a column and a row on a worksheet is called
- A. Address
B. Column
C. Value
D. Cell
- (xxviii) Formulae in MS Excel always start with.
- A. An () sign
B. An equal sign
C. A plus sign
D. A > sign
- (xxix) A programme enables user to interact with computer is called
- A. My document
B. Start menu
C. Desktop
D. Interface
- (xxx) The software is used to format a document is:
- A. MS Word
B. MS Excel
C. MS Power Point
D. MS Access



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SECTION B

(Condensed Syllabus)

SHORT QUESTIONS

Marks: 18

NOTE: Attempt any SIX questions and each question carries 3 marks.

- Q.2. Discuss First generation of computers.
Q.3. Differentiate between Data Rate and Baud Rate.
Q.4. List the functions of an operating system? Write briefly about any one.
Q.5. Discuss margins, orientation and paper size options in page setup group.
Q.6. Define importance of computer security.
Q.7. Differentiate between Analog and Digital Signals.
Q.8. Define properties of a good communication system.
Q.9. Differentiate between physical address and logical address.
Q.10. Define the following terms:
A. Website B. Web Browser C. Search Engine

SECTION C

LONG QUESTIONS

Marks: 12

NOTE: Attempt any TWO questions and each question carries 6 marks.

- Q.11. What is Database? Discuss any two basic components of DBMS.
Q.12. What is Computer Network? Define any two types of Network.
Q.13. What is Topology? Explain any two types of topology.
Q.14. Write short notes on any two of the following:
A) Motherboard B) Microprocessor C) Hybrid Computers