14th International Informatics Olympiad

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CLASS 9th SYLLABUS & SAMPLE QUESTIONS

❖ Classification of Computers based on size and Capability ❖ Operating systems (OS) ❖ Introduction to MS-Access 2013 ❖ Introduction to CSS ❖ Working with HTML ❖ Introduction to Logic Gates and Numbers ❖ Understanding Network Topology ❖ Introducing Types of LANs ❖ Internet ❖ Mental ability & Reasoning

The Actual Question Paper Contains 50 Questions. The Duration of the Test Paper is 60 Minutes.

1. Base 10 refers to which number system?
(A) Decimal
(B) Binary Coded Decimal
(C) Octal
(D) Hexadecimal
(E) None of these

2. EBCDIC Means
(A) Extended Binary Coded Decimal Interchange Code
(B) Ex-Person Binary Coded Decimal Interchange Code
(C) Extensive Binary Coded Decimal Interchange Code
(D) Expensive Binary Coded Decimal Interchange Code
(E) None of these

3. Which is not a computer classification?
(A) Mainframe
(B) Maxframe
(C) Mini
(D) Notebook
(E) None of these

4. Which of the following is associated with error detector?
(A) Odd parity bit   (B) Even parity bit
(C) Prime parity bit   (D) Both (A) and (B)
(E) None of these

5. Identify the advantages of magnetic tapes.
1. Economical
2. Fast input/output
3. Very huge capacity
4. Reusable
(A) 1, 2, 3
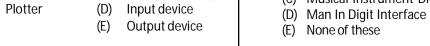(B) 1, 2, 4
(C) 1, 3, 4
(D) 1, 2, 3, 4
(E) None of these

6. RDBMS is system software which retrieves, modifies and stores the data in database on request. Which one of the following is the correct abbreviation of RDBMS?
(A) Relational Data Maintaining System
(B) Request Database Maintaining Software
(C) Relational Data Management System
(D) Relational Database Management System
(E) None of these

7. What are the different views to displays a table:
(A) Datasheet view
(B) Design view
(C) Pivot table and Pivot chart view
(D) All of these
(E) None of these

8. *.ini* extension refers usually to what kind of file?

(A) Image file (B) System file
(C) Internet File (D) Inet Color Initialize
(E) None of these

9. Steve has 27 cubic feet of concrete to pave a side walk whose length is 6 times its width. The concrete must be poured 6 inches deep. How long is the sidewalk?

(A) 9 feet (B) 12 feet
(C) 15 feet (D) 18 feet
(E) None of these

10. Stephen creates a document. The text of document contains big gap between two letters. Which one of the following processes Stephen will use to move letter closer together?

(A) Kerning
(B) Thesaurus
(C) WordArt
(D) All of these
(E) Both (A) and (B)

11. Match the following:

1. RAM (A) Part of CPU
2. ALU (B) A printer
3. OCR (C) Primary memory
4. Plotter (D) Input device
     (E) Output device

(A) 1 → E, 2 → A, 3 → D, 4 → B
(B) 1 → C, 2 → A, 3 → D, 4 → B
(C) 1 → C, 2 → A, 3 → D, 4 → E
(D) 1 → C, 2 → E, 3 → D, 4 → B
(E) None of these

12. To access the internet, the _____ connects your computer to your phone line and provide you access to the network.

(A) Operating System (B) Browser
(C) Modem (D) Repeater
(E) None of these

13. Fill in the blanks:

1. _____ allows symbolic designation of memory locations.
2. Uniface is categorized in _____.
3. _____ is a program that combines the one or more object which is generated by compiler into a single executable program.

(A) Translator, 2GL, Assembler
(B) Compiler, 3GL, Interpreter
(C) Assembly language, 4GL, Linker
(D) Interpreter, 3GL, Assembler
(E) None of these

14. MIDI stands for :

(A) Music In Digital Interface
(B) Musical Instrument Disney Interface
(C) Musical Instrument Digital Interface
(D) Man In Digit Interface
(E) None of these

ANSWERS															
1.	A	2.	A	3.	B	4.	D	5.	C	6.	D	7.	D	8.	B
9.	D	10.	A	11.	C	12.	C	13.	C	14.	C				