AGA KHAN UNIVERSITY EXAMINATION BOARD

SECONDARY SCHOOL CERTIFICATE

CLASS IX EXAMINATION

MAY 2016

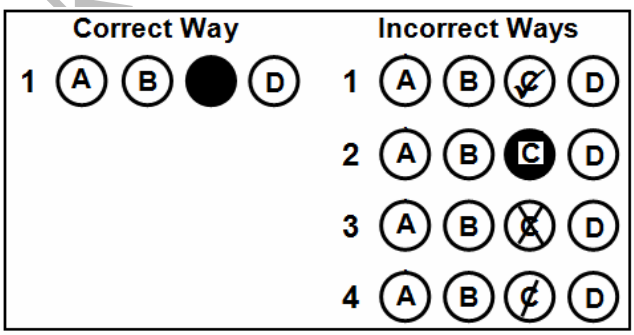
Computer Science Paper I

Time: 35 minutes Marks: 25

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INSTRUCTIONS

1. Read each question carefully.
2. Answer the questions on the separate answer sheet provided. DO NOT write your answers on the question paper.
3. There are 100 answer numbers on the answer sheet. Use answer numbers 1 to 25 only.
4. In each question there are four choices A, B, C, D. Choose ONE. On the answer grid black out the circle for your choice with a pencil as shown below.



Candidate's Signature

5. If you want to change your answer, ERASE the first answer completely with a rubber, before blacking out a new circle.
6. DO NOT write anything in the answer grid. The computer only records what is in the circles.

1. In which computer generation were computer mouse, dot matrix printers and floppy disks invented?

   A. 5^{th}
   B. 4^{th}
   C. 3^{rd}
   D. 2^{nd}

2. Which of the following was a characteristic of early analogue computers?

   A. Fast
   B. Precise
   C. Reliable
   D. Mechanical

3. Which of the following stores instructions that help the computer start up?

   A. RAM
   B. ROM
   C. Hard disk
   D. Processor

4. Which of the following is the most economical and simplest way to increase the speed of a used personal computer?

   A. Upgrade RAM capacity
   B. Upgrade ROM capacity
   C. Upgrade hard disk capacity
   D. Upgrade microprocessor capacity

5. Peripheral devices can be connected to the CPU by using

   A. control unit.
   B. system bus.
   C. CPU registers.
   D. computer ports.

6. A mouse can be connected to personal computers using all of the following ports EXCEPT

   A. USB.
   B. PS/2.
   C. serial.
   D. parallel.

7. All of the following are modifier keys EXCEPT

   A. ALT
   B. ESC
   C. CTRL
   D. SHIFT

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8. Which of the following devices converts the printed images into digitised formats that can be stored in computers?

   A. Stylus
   B. Plotter
   C. Scanner
   D. Webcam

9. The tracks of a hard disk are divided into smaller segments called

   A. pits.
   B. lands.
   C. sectors.
   D. clusters.

10. Which of the following is a feature of a DVD?

    A. Fast data access rate among all storage devices
    B. Magnetic storage device
    C. Sequential access device
    D. Stores data in GBs

11. Binary addition of $(01011011)_2$ and $(10000100)_2$ will be

    A. $(11101111)_2$
    B. $(11011111)_2$
    C. $(01011111)_2$
    D. $(11010111)_2$

12. ASCII is a coding scheme published by International Standards Organisation (ISO) as a

    A. 4-bit coding scheme.
    B. 5-bit coding scheme.
    C. 7-bit coding scheme.
    D. 8-bit coding scheme.

13. The decimal number $(64)_{10}$ is equal to the hexadecimal number

    A. $(4F)_{16}$
    B. $(416)_{16}$
    C. $(64)_{16}$
    D. $(40)_{16}$

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14. Which of the following is the CORRECT way to convert an octal number $(2014)_8$ into a decimal number?

A. $2 \times 10^3 + 0 \times 10^2 + 1 \times 10^1 + 4 \times 10^0$
B. $2 \times 8^3 + 0 \times 8^2 + 1 \times 8^1 + 4 \times 8^0$
C. $2 \times 10^4 + 0 \times 10^3 + 1 \times 10^2 + 4 \times 10^1$
D. $2 \times 8^4 + 0 \times 8^3 + 1 \times 8^2 + 4 \times 8^1$

15. All of the following options are available in the 'start button menu' EXCEPT

A. My Files
B. My Pictures
C. My Computer
D. My Documents

16. Word processing software is used for all of the following purposes EXCEPT to

A. issue certificates.
B. prepare a resume for jobs.
C. manage personal finances.
D. create business cards and labels.

17. Which of the following displays information related to your position in the document, page and word count?

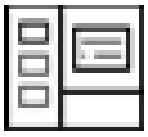
A. Ruler
B. Tool bar
C. Scroll bar
D. Status bar

18. All of the following are guidelines for an effective presentation EXCEPT to

A. keep it simple.
B. use too many slides.
C. use less text and more visuals.
D. communicate your message with precise information.

19. In MS PowerPoint, the given icon is used for which of the following views?

A. Reading
B. Normal
C. Master
D. Outline



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20. In MS PowerPoint, the given icon is used to insert



A. table.
B. chart.
C. text box.
D. comment.

21. Which of the following are application software?

I. Encyclopaedia
II. Programming languages
III. Antivirus tools
IV. Online games

A. I, II and III
B. I, II and IV
C. I, III and IV
D. II, III and IV

22. All of the following programs are included in MS Office EXCEPT

A. database.
B. presentation.
C. spreadsheet.
D. web browsing.

23. Which of the following commands is used to return from sub-directory to root directory in DOS?

A. RD
B. DIR
C. CLS
D. CD

24. Which of the following programs enables a computer system to communicate with different hardware?

A. Driver
B. Compiler
C. Assembler
D. Interpreter

25. DIR *.* DOS command displays

A. all files and directories.
B. all files and directories that start with *.
C. all files and directories that end with *.
D. all directories that start and end with *.

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END OF PAPER

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