HALF YEARLY EXAMINATION - 2021
Sub. : Computer Science
Class : IX

Time : 3 hours

Theory : 70

Practical : 30

Total Marks : 100

1. Choose the correct option : (any ten)   10x1=10

   (a) Which operating system is developed by CDAC Chennai?
   - (i) Windows
   - (ii) BOSS
   - (iii) Unix
   - (iv) None of these

   (b) Which of the following is not a Protocol?
   - (i) HTTP
   - (ii) HTTPS
   - (iii) ISP
   - (iv) FTP

   (c) Which of the following is not an output device?
   - (i) Speaker
   - (ii) Mouse
   - (iii) Printer
   - (iv) Monitor

   (d) How many cables are required to form a mesh topology at 10 computers?
   - (i) 15
   - (ii) 100
   - (iii) 25
   - (iv) 45

   (e) A collection of eight bits is called -
   - (i) Byte
   - (ii) Word
   - (iii) Record
   - (iv) Nibble

   (f) In which year was windows 03 released?
   - (i) 1980
   - (ii) 1985
   - (iii) 1983
   - (iv) 1987

   (g) Storage of 1KB means the following number of bytes :
   - (i) 1000
   - (ii) 1024
   - (iii) 1064
   - (iv) 1012

   (h) A network switch is required to form -
   - (i) Star Topology
   - (ii) Mesh Topology
   - (iii) Ring Topology
   - (iv) Bus topology

   (i) By default, a workbook in Excel contains how many worksheets?
   - (i) 16
   - (ii) 3
   - (iii) 15
   - (iv) 256

   (j) The base of Octal Number system is -
   - (i) 2
   - (ii) 10
   - (iii) 16
   - (iv) 8

   (k) The Auto Fill can apply from -
   - (i) Left to Right
   - (ii) Right to Left
   - (iii) Up to Down
   - (iv) All of these

2. Fill in the blanks :   15x1=15

   (a) Windows is an example of .... operating system.

   (b) A microphone is .... device.

   (c) The connection structure of a Computer network is called ....

   (d) Making illegal copies of copyrighted software is called ....

(e) .... is the founder of Microsoft Corporation.

(f) Directly copying text, word for word is called ....

(g) The ALU performs the .... and .... operations.

(h) A computer system works with ....

(i) In .... view, you can see all the slides in a presentation concurrently.

(j) Address of the cell at 10th column and 30th row is ....

(k) 1 mb = ... KB

(l) New slide button for inserting a new slide can be found on .... tab.

(m) Based on ...... search results are ordered in a search engine.

(n) In different section Information Technology define by "ITAA" stands for ....

(o) .... option is used to display a document before printing.

10x2=20

3. Give answer (any ten) :   10x2=20

    (a)   What is formatted text?

    (b)   What is a Computer Program?

    (c)   What are the main functions related to information?

    (d)   What is the function of ALU?

    (e)   Write three functions that can be performed in Slide Sector view of a presentation?

    (f)   Why are use Secondary memory?

    (g)   What is Header and Footer?

    (h)   What is an operating system?

    (i)   What is the difference between a workbook and a worksheet?

    (j)   Write use of layouts in powerpoint.

    (k)   What is real time operating system?

    (l)   What are the fundamental components of a computer system?

    (m) Define the term Plagiarism. https://www.assamboard.com

4.   What is Topology? Form your understanding describe which topology will be best to set up a computer network in your school?   1+2=3

5. Differentiate between the following pairs --   2x3=6

    (i) Input unit and Output unit

    (ii) RAM and ROM

6. What is Ranking? How is it related to a search engine?   1+2=3

7. Explaine any two functions of an operating system.   3

8. Give answer --   3x3=9

    (a) Give an example of a URL and describe different sections of it.

    (b) Explain the need of protecting intellectual property right.

    (c) Differantiate between data and information.

9. Write full form of Wi-Fi   1

N.B. Practical Examination will take by the Computer teacher

    (a) Office Application MS-word.   ·   10

    (b) Office Application MS-Excel.   8

    (c) Office Application MS-Powerpoint.   7

    (d) Viva.   .   **5**