



NATIONAL COMPUTERS OLYMPIAD-2015

Class: X

Time: 60 Minutes

Model Paper-1

Total Marks: 60

Total No. of Questions = 60 (Each Question Carries-1 Mark)

I. Choose the Correct Answer among the given Options and write it in the given Answer Sheet

1. The collection of unprocessed facts, figures and symbols is known as _____. []

- A. Information B. Software C. Data and Information D. None of the above

2. _____ is the processed form of data which is organized meaningful and useful. []

- A. Information B. Software C. Data D. None of the above

3. Hardware is any part of the computer that has a physical structure that can be seen and touched. []

- A. True B. False C. Not sure D. None of the above

4. Components of computer hardware are _____. []

- A. Input devices and output devices B. A system unit and storage devices
C. Communication devices D. All of the above

5. _____ devices accept data and instructions from the user. []

- A. Output B. Input C. Components of hardware D. Storage

6. Which disk is made up of a circular thin plastic jacket coated with magnetic material? []

- A. Hard Disk B. Compact Disk C. DVD D. Floppy Disk

7. _____ disks are used to store more than 25 GB of data with a very high speed in less amount of time. []

- A. Digital Versatile B. Compact C. Blue-Ray D. None of the above

8. Random Access Memory and Read Only Memory are examples of _____. []

- A. Primary Memory B. Secondary Memory
C. Auxiliary Memory D. Both primary and secondary memory

9. Which system uses only the digits 0 and 1? []

- A. Bits B. Binary number system
C. Secondary number system D. Nibbles

10. There are two primary types of softwares namely _____ and _____. []

- A. General Purpose and tailor made B. Operating System and utility software
C. Application Software and System Software D. None of the above

11. Gimp, Adobe Photoshop, Corel Draw, Picasa etc. are examples of _____ softwares. []

- A. Spreadsheets B. Word Processors C. Desktop publishing D. Presentation

12. Which generation computers used high level languages such as FORTRAN and COBOL and also used transistors instead of vacuum tubes? []

- A. I Generation B. II Generation C. III Generation D. V Generation

13. IBM notebooks, Pentium PCs-Pentium 1/2/3/4/Dual core/Quad core, PARAM 10000 are examples of which generation of computers []

- A. I Generation B. IV Generation C. III Generation D. V Generation

14. According to the functioning of computers, they are divided into three categories namely _____, _____ and _____. []
- A. Mainframe, Supercomputer and Minicomputer
 B. Analog, Digital and Hybrid
 C. Palmtop, PC and Desktop
 D. Micro-computers, Digital and Hybrid
15. _____ is a cabling technology for transferring data to and from digital devices at high speeds. []
- A. S-Video Port B. FireWire C. Ethernet Port D. PS/2 Port
16. _____ is used to connect the monitor to the computer which offers images at higher resolutions. []
- A. USB Port B. Video Graphics Array
 C. Parallel Port D. None of the above
17. _____ tool helps you to add a new layer to the image which is identical copy of the active layer. []
- A. Smudge Tool B. Dodge Tool C. Perspective Tool D. Duplicate Layer
18. By default the mask is shown in _____, but you can change this if another mask colour is more convenient. []
- A. Red B. Blue C. Green D. No colour
19. In _____ mode, the selection is shown as a translucent screen overlying the image, whose transparency at each pixel indicates the degree to which that pixel is selected. []
- A. Default B. Quickmask C. Marching ants D. Normal
20. _____ are the transparent sheets one on top of the other. []
- A. Masking B. Tools C. Layers D. Both(a) and (b)
21. By default the extension of Gimp file is _____. []
- A. .Xcf B. .BMP C. .TIFF D. PNG
22. GPL stands for []
- A. General Private license B. Great Pioneer License
 C. General Public Limited D. General Public License
23. The image loses some of its quality by being _____. []
- A. Scaled B. Merging C. Renaming D. Masking
24. In _____ mode, over-application of the tool will produce noise. []
- A. Sharpen B. Blur C. Dodge D. Smudging
25. _____ takes colour in passing and uses it to mix it to the next colours it meets. []
- A. Sharpen B. Blur C. Dodge D. Smudging
26. Which property describes how bold or "heavy" a font should be presented? []
- A. Font style B. Font size C. Font weight D. Font variant
27. The units '____' and '____' allow the user to adjust the font size according to him/her. []
- A. '#' and 'me' B. '%' and 'em' C. '\$' and 'es' D. All of the above

28. The _____ makes it is possible to add different “decorations” or “effects” to text. []
 A. Text Align property B. Text Indent property
 C. Letter spacing property D. None of the above
29. DHTML is a combination of _____ and _____. []
 A. DOM and CSS B. CSS and Conventional HTML
 C. HTML and JavaScript D. None of the above
30. _____ is a style sheet language used for describing the look and formatting of a document written in a markup language. []
 A. Document Object Model (DOM) B. Multimedia filters
 C. Cascading Style Sheets (CSS) D. DHTML
31. Which property is used to give the specified spacing between the text characters? []
 A. Text Decoration B. Letter Spacing C. Text Transform D. None of the above
32. The units ‘px’ and ‘___’ make the font size absolute. []
 A. ‘pr’ B. ‘pn’ C. ‘pz’ D. ‘pt’
33. The _____ repeats the image both horizontally and vertically to cover the entire screen. []
 A. Background Image property B. Foreground Color property
 C. Background Color property D. Background Repeat property
34. Font-family style differentiates between _____, _____ and _____ font faces. []
 A. Serif, Sans-serif and monospace B. Calibri (Body)
 C. Arial black D. Arial
35. The font-variant property refers to the _____ variant of the font face. []
 A. Upper case B. letter case C. lower case D. None of these
36. CSS uses a numeric scale of multiples of _____ to _____. []
 A. 600 to400 B. 200 to 100 C.100 to 900 D. 900 to 150
37. The CSS specification also allows browser to render any _____ value as normal. []
 A. effects B. perfect C. default D. None of these
38. The text decoration has to rendered with _____. []
 A. effects B. default C. Both (a) and (b) D. None of these
39. The _____ property allows you to add effects to text paragraphs by applying an indent to the first line of the paragraph. []
 A. text-indent B. indent C. Both (a) and (b) D. None of these
40. Font variant property is used to select _____ or _____ variants of a font. []
 A. all caps or normal B. normal or small caps C. abnormal or small caps D. None of these
41. The _____ property describes the foreground color of a text to be displayed in browser. []
 A. font style B. text highlight color C. Color D. None of these
42. The property font-style defines the chosen font either in _____, _____ or _____. []
 A. normal, italic and underline B. bold, italic and underline
 C. bold, italic and oblique D. normal, italic and oblique

43. The property _____ is used to apply prioritized list of fonts in a web page. []
 A . font-family B. Font size C. Font color D. None of these
44. The text-transform property controls the _____ of a text. []
 A. underlining of text B. capitalization C. bolding D. none of these
45. The _____ property describes the background color of browser window. []
 A. color B. background C. background-colour D. none of these
46. The _____ property is used to insert a background image in a web page. []
 A. image B. background wallpaper
 C. Water mark D. background-image
47. Which of the following is not an external threat to a computer or a computer network []
 A. Ignorance B. Trojan horses C. Adware D. Crackers
48. When a person is harrassed repeatedly by being followed, called or be written to he / she is a target of []
 A. Bullying B. Identity theft C. Stalking D. Phishing
49. With genetic and genomic research which of the following issues is of specific concern []
 A. Anonymity B. Intellectual property
 C. Software piracy D. Concerns about biochip implants
50. Which of the following is a class of computer threat []
 A. Phishing B. DoS attacks C. Soliciting D. Stalking
51. A lincense allows a user to use copyrighted material. []
 A. True B. False C. Both(a) and (b) D. none of them
52. It is a program or hardware device that filters the information coming through an internet connection to a network or computer system. []
 A. Anti virus B. Firewall C. Cookies D. Cyber safety
53. It allow a visited website to store its own information about a user on the user's computer.? []
 A. Spam B. Malware C. Cookies D. Adware
54. It is stealing ideas or creations of others. []
 A. Plagiarism B. Piracy C. Intellectual Property RightsD. All of the above
55. Hacking a computer is always illegal and punishable by law. []
 A. True B. False C. Both(a) and (b) D. none of them
56. Exploring appropriate and ethical behaviours related to online environments and digital media. []
 A. Cyber ethics B. Cyber safety C. Cyber security D. Cyber law
57. A lincense allows a user to use copyrighted material. []
 A. In some situations this statement is correct B. This statement is not true at all.
 C. In is not necessary to use license. D. All the above statements are not applicable.
58. A _____ can be inserted in HTML document which can act as a container for all the input elements. []
 A. Text field B. Teaxt area C. Form D. Command Button

59. _____ method is used to sent form data as URL variables.

- A. get B. set C. post

D. none of them

[]

60. _____ method is used to sent form data as HTTP post.

- A. get B. set C. post

D. none of them

[]

Answer key

1. D 2. A 3. A 4. D 5. B 6. D 7. C 8. A 9. B 10. C 11. C 12. B 13. D 14. B 15. B 16. B 17. D 18. A 19. B 20. C 21. A 22. D 23. A 24. A 25. D 26. C 27. B 28. D 29. C 30. C 31. B 32. D 33. D 34. A 35. A 36. B 37. C 38. D 39. A 40. B 41. C 42. D 43. A 44. B 45. C 46. 47. A 48. C 49. A 50. B 51. A 52. B 53. C 54. C 55. B 56. A 57. A 58. C 59. A 60. C

Model Paper