INFORMATION TECHNOLOGY

1. Choose the format of a Picture file from the following.
   A. dv   B. mpeg   C. png   D. flv

2. What happens to the clarity of an svg picture when it is opened with a larger canvas in GIMP?
   A. The clarity of the picture will be lost   B. Does not lose the clarity
   C. The clarity increases   D. Clarity will increase without any limit

3. Which one of the following is a Free Vector Image Editing Software?
   A. Gimp   B. Karbon   C. Corel Draw   D. Inkscape

4. LibreOffice writer recognises headings and sub headings of a document based on certain features. Name the feature identified by a computer to include them in the Table of Contents
   A. The colour of the headings and sub headings.   B. The size of the headings headings
   C. The style of the headings and sub headings   D. The indent of the headings and subheadings

5. A table with the details of the winners of School Kalolsavam is available in a Database. Which one of the following techniques in Word processor will help you to prepare certificates using this table?
   A. Mail merge   B. Mail attach   C. Database Query   D. Export pdf

6. Which of the following messages will appear when the mouse pointer moves on the content of the Index Table of a document?
   A. Shift-Click to follow link   B. Ctrl - Click to follow link
   C. Alt - Click to follow link   D. Esc - Click to follow link

7. Which of the following techniques can be used for avoiding the repetitive use of html tags and attributes in designing a web page?
   A. Cascading Style Sheets   B. Web Content Management System
   C. HTML Editors   D. Text Editors

8. While designing a web page using Cascading Styles the attributes of the tag are given within a specific sign after the name of the tags. Choose the sign from below
   A. [ ]   B. < >   C . { }   D. ( )

9. Which of the following is the very first instruction of a Python Graphics program?
   A for i in range (4):   B begin_fill()
   C from turtle import*   D right()

10. What does the statement right(90) in a Python Graphics program indicate?
    A To make the turtle turn 90^0 right.   B To draw a line with 90 unit length.
    C To draw a circle with 90 unit radius.   D To mark a point at a distance of 90 unit.

11. UTP cables are used to connect computers. Identify the number of wires present in a cable.
    A 4   B 12   C 8   D 2

12. Which of the following devices is connected to modem with the connector RJ 11?
    A Modem   B Switch   C Computer   D Telephone

13. Name the process of connecting computers to exchange data.
    A. Computer Networking   B. Blog
    C. File System   D. Operating System

14. Ritha wants to find out the duration of Night time in a locality in various months. Which of the following software will help her?

   A Inkscape   B Qgis   C Sunclock   D GeoGebra

15. Identify the additional software required for the creation of geometrical figures using Python Programming Language.

   A turtle   B import   C python shell   D IDLE

16. Which website helps us to share our videos?

   A) Vimeo   B) Wiktionary   C) Wordpress   D) Google

17. Identify the true statement about the Service Websites in Internet?

   A www.hscap.kerala.gov.in is an online website for higher secondary admission.

   B www.google.com is a social media.   C www.olam.com a search engine in Internet.

   D www.wiktionary.org is the email address of Malayalam wikipedia.

18. There is a list of functions that can be done through Internet. Select the most correct statement from among them. A Internet is used to send emails.   B Internet is used to share digital information with others.

   C Internet is used to make video chat with people in distant places.   D All the above can be done using Internet.

19. How many tables can be included in a database?

   A. Only one.   B. Two or more.   C. A maximum of three.   D. Many

20. Which one of the following is not available in LibreOffice Base?

   A. Tables   B. Queries   C. Forms   D. Tweening

21. Which of the following is used to give different layouts to Form in LibreOffice Base?

   A. Use Wizard to Create Form   B. Fields in the Form

   C. Arrange Controls   D. Apply Styles

22. Which the following software is used to create animation ?

   A LibreOffice Writer   B LibreOffice Calc   C Synfig Studio   D Quantum GIS

23. Identify the free animation software from the following.

   A Adobe Flash   B Pencil   C Anim Studio   D ToonBoom

24. Identify the given tool in the software Synfig Studio .

   A Transform Tool   B SmoothMove Tool   C Fill Tool   D Gradient Tool

25. Identify the name of the machine that Charles Babbage tried to design and is known as the First Computer.

   A Analytical Engine   B Unix   C ENIAC   D BSD

26. Identify the First working Computer which was built with all the concepts of modern computer.

   A ENIAC   B Unix   C BSD   D Analytical Engine

27. Who is the first developer of the Operating System Unix?

   A Bell Laboratories in the United States of America.   B California University in America.

   C The Computer Workshop of Apple Corporation.   D The Computer Workshop of GNU Project.

28. Who agreed to prepare the programme for Analytical Engine, the machine known as the First Computer ?

   a. Ada Byron   b. Charles Babbage   c. Richard Stallman   d. Dennis Ritchie

29. Name the manner in which each operating system formats the hard disk to suit its purpose.

    a. File System   b. Partitions   c. Drivers   d. Swap System

30. Which one is the Data Base Management System given below ?

    a. LibreOffice Writer   b. Synfig Studio   c. GIMP   d. Oracle

31. Which is the following is correct about Form Database ?

    a. A technique to add data to database.   b. A technique to get data from database.

    c. A technique to pring data from database.   d. A technique to avoid data from database.

32. Name the technique used in Inkscape to combine more than one image as single unit.

    a. Clip   b. Mask   c. Transfor   d. Group

33. Which facility from the following will help to change the depth of the colour given to a picture drawn in Inkscape software ?

    a. Group   b. Opacity   c. Difference   d. Duplicate

34. Which tool can be used to run the animation prepared in Synfig Studio ?

    a.   b.   c.   d.

35. Yami drew a square using Rectangle Tool in Synfig Studio to make an animation. Which is the tool suitable the square ?

    a. Transform Tool   b. SmoothMove Tool   c. Fill Tool   d. Circle Tool

36. Name the technique that helps to include the addresses from a Spread Sheet file addresses.ods to a letter file lettter.odt prepared in Word Processor.

    a. Export   b. Mail Merge   c. Wrap   d. Import

37. The different opinion of Arun and Vimal about the advantages of including an Index Table in a document in LibreOffice Writter is given below. Whcich one of them will be true ?

    Arun : It helps to access the different parts of a document very easily

    Vimal : It helps to get a general awareness of the content of the document.

    a. The Opinion of Arun is right but that of Vimal is wrong.

    b. The Opinion of Arun is wrong but that of Vimal is right.

    c. Both of them are right.   d. Both of them are wrong.

38. Write the expanded form of WCMS that helps to create Web sites.

    a. Web Content Management System   b. Web Control Machine System

    c. Wiki Content Management System.   d. Wiki Control Machine System

39. Which of the following is the attribute used to define the background colour when a web page is created including Cascading Style ?

    a. background   b. bg-color   c. bgcolor   d. back-color

40. Which of the following windows displays the output of a Python Graphics Program ?

    a. Python Shell   b. IDLE Window   c. Python Graphics window   d. Web Brouser

41. How many circles should be there in the output of the given Python Graphics programme

```
from turtle import*
for i in range(10,101,10):
    circle(i)
```

    a. 0   b. 101   c. 10   d. 3

42. Identify the connector used to network computers.

43. Identify the form of data send to Modem from Telephone Network.
    a. Digital   b. Analogue   c. Decimal   d. Hexadecimal

44. Which is the easiest method to give the same form to all headings in a book or in a large document ?
    a. Character Formatting   b. Paragraph Formatting
    c. Styles and Formatting   d. Page Formatting

45. Choose the tool to include the Table of Contents in a Word Processor document.
    a. Header   b. Footer   c. Table   d. Indexes and Tables

46. Which one of the following is a Free Vector Image Editing Software ?
    a. Gimp   b. Karbon   c. Corel Draw   d. Inkscape

47. Which will be the correct format of an image file obtained when the picture of a flower created in Inkscape is exported ?
    a. flowe.png   b. flower.jpg   c. flower.svg   d. flower.jif

48. Select a suitable instruction used to give background colour to a web page using Cascading Style from the given options
    a. body {background:#C8DDD2;}   b. body ((background:#C8DDD2;))
    c. body [background:#C8DDD2;]   d. body <<background:#C8DDD2;>>

49. Identify the tool in the Clock / Map window of the software Sun clock to display or hide longitudinal lines.
    a. Toggle Meridian (M)   b. Solar time mode (S)   c. Toggle Night (N)   d. Toggle Sun/Moon(Y)

50. Which of the following geographical features can be marked using the layer Polygon in the Quantum Gis Map.
    a. House   b. Stream   c. Lagoon   d. Well

51. Which of the following instructions is to be used in a Python Graphics program to give different colours to geometrical figures ?
    a. pen-color()   b. pencolour()   c. colour()   d. color()

52. Observe the given Python Graphics program. Which of the following values is to be given in the instruction right(_) to get Regular Pentagon.

```
from turtle import *
for a in range(5):
    forward(100)
    right( )
```

    a. 60   b. 72   c. 90   d. 120

53. Name the technique in Word processor to define the words of the document as Headings
    a. Style and Formatting   b. Paragraph Formatting
    c. Clone Formatting Tool   d. Page Formatting

54. Which is the method used to move from Table Contents to the related pages of a Word Processor document
    a. Press the Ctrl key and click on the heading   b. Press the Alt key and click on the heading
    c. Press the Shift key and click on the heading   d. Press the Enter key

55. Which of the following technique can be used for avoiding the repetitive use of html tags and attributes in Web Page ?
    a. Inkscape   b. GeoGebra   c. GIMP   d. CSS

56. Choose an open source html editor from below.

    a. GeoGebra   b. Quatum GIS   c. Synfig Studio   d. Kompozer

57. Which one of the following is a Raster Image Editing Software ?

    a. GIMP   b. Adobe Illustrator   c. Coral Draw   d. Inkscape

58. Identify the output of the given Python Graphic program.
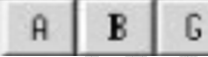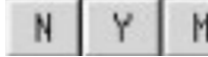
```
from turtle import*
for i in range(4):
    forward(150)
    right(90)
```

    a. Square   b. Rectangle   c. Regular Pentagon   d. Regular Hexagon

59. The Web page created by Arun has different paragraphs. Choose the selector to be used to give different colours including Cascading Styles.

    a. Element Selector   b. Class Selector

    c. Internal Selector   d. External Selector

60. Identify the set of tools which can be used to arrange the speed of animation in software Sun clock.

    a. [M P T]   b. [< ! X]   c. [A B G]   d. [N Y M]

61. When we apply Heading 1 from the Apply style box in Word processor, which one of the following things will be identified by the software ?

    a. Identifies the selected words as header of each page.   b. Selects the headings.

    c. Identifies the selected words as headings.   d. Identifies the selected words as paragraphs.

62. Name the connector used to connect UTP cables to computer.

    a. Serial Connector   b. RJ 45   c. RJ 11   d. Parallel Connector

63. Which of the following is the name of Norms that are to be obeyed in naming of computers included in a Network ?

    a. IP Address   b. Netmask   c. Network Protocol   d. Sharing

64. What does the instruction right(90) in a Python Graphic program indicates ?

    a. To make the turtle turn 90° right.   b. To draw a line with 90 unit length.

    c. To draw a circle with 90 unit radius.   d. To mark a point at a distance of 90 unit.

65. Which is the correct statement related with Database Management System ?

    a. The number of tables to be included is limited.   b. The data in a table can remove easily.

    c. Images cannot be included as data.   d. Correct data only can be included.

66. Admission number, Name of student, Age, Address and Class are included as fields in a database of students in a school. Which is the most suitable field to define as Primary Key

    a. Name of student   b. Admission Number   c. Class   d. Age

67. Anu has set a Progress Value in the Clock & Map window of the software Sunclock as 1 hour and pressed the button A. Identify the change of time that happened in the Sunclock window .

    a. Time moves 1 hour back.   b. Time moves 1 hour forward.

    c. Time moves 1 minute back.   d. Time moves 1 minute forward.

68. Identify the step to buffer a layer in QGIS Map.

    a. Vector > Geoprocessing Tools > Intersect.

    b. Vector > Geomatry Tools > Buffer(s)

    c. Vector > Geoprocessing Tools > Buffer(s)

    d. Layer > Geoprocessing Tools > Buffer(s)

69. Whcih is a Social Media in the following ?

    a. Watsapp   b. Google   c. Wikipedia   d. Yahoo

70. What is the full form of URL regarding websites ?

    a. Uniform Resource Location.   b. Uniform Resource Locator.

    c. United Resource Locator.   d. United Resource Locator

71. Which one of the tool will help to apply the format of a given heading to other heading in a document prepared in Libre Office Writer ?

    a. Page Formatting   b. Clear Direct Formatting Tool

    c. Clone Formatting Tool   d. Standard Tool

72. Which one of the following facility will help to give the same layouts to different Web Pages of a Web site ?

    a. Word Processor   b. Web Browsers   c. Mark up languages   d. Cascading Style Sheets

73. Fathima designed a web page including some headings using the tag h1. Choose the most appropriate Cascading Style instruction to give red (#ff0000) background to the heading.

    a. h1{background:#ff0000;}   b. h1(background:#ff0000;)

    c. h1[background:#ff0000;]   d. h1<<h1background:#ff0000;>>

74. Which are the websites help us to publish our works freely in Internet ?

    a. www.youtube.com   b. www.wikimapia.com   c. www.wordpress.com

    d. www.blogger.com e. www.yahoo.com

75. Which of the following devices control the flow of data among computers in a Network ?

    a. Printer   b. Hub   c. Scanner   d. Switch   e Connector

76. Identify two true statements regarding Python Programming language.

    a. All the Python Programs are typed and saved in the Python Shell Window.

    b. Output of the Python Programs are displayed in the Python Shell Window

    c. Python Programs can be typed and run in Python Graphics Window.

    d. Geometrical figures created with the help of Python program are displayed in Python Graphics Window

    e Some additional software are required to created Geometrical figures using Python Program

77. Biji wants to mark some geometrical features in the new layer created in QGIS Map. Identify the steps for it

    a. Select Layer   >   Toggle Editing   b. Select Layer   >   Add Feature

    c. Select Layer   >   Move Feature

    d. Using Add Feature tool click on the position where the features is to be marked

    Enter data   >   ok

    e Using Select Feature tool click on the position where the features is to be marked

    Enter data   >   ok

78. Identify true statements regarding the tool Toggle Tropic (T) in the Software Sunclcok.

    a. it is used to display main latitudinal lines.   b. It is used to display Moon

    c. It is used to display Sun   d. It is used to hide Sun and Moon

e It is used to hide main latitudinal lines

79. Select two correct statements related with Field Type DBMS

a. Field Type uses to name the data in a table.

b. Field Type uses to prepare data in advance.

c. Field Type uses to define the type of data in a table.

d. Field Type is define when forms are created.

e It helps to analyse the data.

80. Find out two software from the following to make animation vedios.

a. Stellerium   b. ToonBoom   c. Synfig Studio   d. Quantum GIs   e. Sunclock

81. Identify two Free (Open Source) Operating Systems from the following.

a. Microsoft Windows.   b. GNU/Linux   c. FreeBSD

d. Mac OS X   e Windows NT

82. The given below list shows the file formats of some picture files created by Anu as part of her project work. Which of the following are the possible file formats created in Inkscape Software.

a. gif   b. xcf   c. png   d. tiff   e. svg

83. What are the uses of Query in Libero Office database ?

a. To add data to a table.   b. To display the required data from a table

c. To check the type of data in a table.   d. To form sub tables including the data in the table.

e To change the data in the table.

84. Identify the two parts of an Operating System in its working level.

a. Kernal   b. GNU   c. Swap   d. XNU   e. Shell

85. Find out two free softwares from the following to make animation videos.

a. Pencil   b. ToonBoom   c. Synfig Studio   d. Anim Studio   e. Adobe Flash

86. Select the file formats of images from the given options.

A. jpeg   B. mpeg   C. svg   D. flv   E. mp4

87. Choose two true statements related to Raster Images from the following

A The images created in Inkscape are Raster images.   B The images created in Gimp are Raster images.   C When enlarged Raster images lose their clarity.   D Clarity increases as Raster images are enlarged   E When enlarged Raster images retain their clarity.

88. Anu selected a word in a document prepared in Word Processor and applied the Style Heading 1 from ' Apply Style Box '. What changes will be effected on the word?

A. All the words of the document are changed to Heading 1.   B. The word in which the style Heading1 is applied is recognised as Header.   C. The word in which the style Heading1 is applied is recognised as Heading.   D. The word in which the style is applied will get the format of Heading1   E. The word in which the style is applied will get the formats to become a Header

89. Choose two necessary things to use Mail Merge facility in a document in Word Processor.

A.   A letter or similar documents already prepared.   B. The software LiberOffice Impress C. One or more networked computer   D. The table including the addresses or similar details   E. The devices like Modem,switch etc to access Internet.

90. Select two instructions that are used when a web page is prepared using Cascading Styles .

A. body{background:#abcdef;}   B. body{back-color=#abcdef;}

C. body{bgcolor:#abcdef}   D, h2{color:#42413C;}   E. h2{colour=#42413C}

91. Choose the right statements related to Cascading Styles used for designing Web Pages

A. The manner of defining the margins , fonts, colours etc to make the content of the Web Page attractive is called Style.   B. The contents of the tables of a Web Page is known as Style.

C. The paragraphs of a Web Page is known as Style.   D. The function of the style sheet is to define how a document prepared in Word Processor is to be printed.

E. The function of the style sheet is to define how the contents of a page prepared in Mark-up language should be displayed

92. Identify two Integrated Development Environments (IDEs) which help to type and run Python programs.

A. Java   B. CPP   C. Turtle   D. Geany   E. IDLE

93. Which of the following Python instructions can be used to create a line segment with 100 unit length?

A. right(100) B. line(100) C. forward(100) D. rt(100) E. fd(100)

94. Which of the following coloured wires are absent in a UTP cable used to connect computers in a Network?

A. Orange   B. Blue   C. Green   D. Black   E. Yellow

95. Which of the following web sites help us to share our own videos in Internet?

A. wiktionary.org   B. wikimapia.org   C. youtube.com   D. vimeo.com   E. yahoo.com

96. Identify two panels that are displayed when we open a database file in LibreOffice Base.

A. Desktop panel   B. Worksheet panel   C. Top panel   D. Task panel   E. Database panel

97. Which are the Field Types used to add numerical data in LibreOffice Base?

A. Date [DATE]   B. Number[NUMERIC]   C. Text[VARCHAR]

D. Text [VARCHAR_IGNORECASE]   E. Decimal[DECIMAL]

98. Identify two tools found in the tool box of the software Synfig Studio.

A Fill Tool   B Edit paths by nodes   C Draw Bezier curves and straight lines

D Transform Tool   E Draw calligraphic or strokes

99. What is the use of Transform Tool in Synfig Studio.

A To make an object in square shape.   B To make an object in circle shape.

C To select an object and to control its handles.   D To blend two or more colors.

E To adjust the size of objects.

100. Identify two File Systems which are suitable for the Operating System GNU/Linux.

A Ext3   B Ext4   C FAT32   D HPFS   E NTFS

101. Identify two Free (Open Source) text processing softwares from the following.

A Abiword   B gimb   C Audacity   D Open Office Writer   E Sinfig Studio

102. Name the operating system made by Apple Corporation

A Unix   B MacOSX   C GNU/Linux   D windows

103. Identify two File Systems which are suitable for the Operating System Windows.

A Ext3   B Ext4   C FAT32   D HPFS   E NTFS

104. Name the kernel used in Microsoft Windows

A Linux   B BSD   C Windows NT   D XNU

105. Name the kernel used in Free BSD operating system
     A Linux   B BSD   C Windows NT   D XNU
106. Name the kernel used in MacOSX
     A Linux   B BSD   C Windows NT   D XNU
107. The company that brings the operating system Android
     A Apple   B Google   C Microsoft   D Linux Foundation
108. The company that brings the operating system Blackberry 10
     A Apple   B Google   C Microsoft   D Blackberry Ltd
109. The company that brings the operating system Tizon
     A Linux Foundation   B Google   C Microsoft   D Blackberry Ltd
110. Identify a mobile operating system from the below options
     A GNU/Linux   B Mac OSX   C Android   D Free BSD
111. Pick out a Proprietary operating system from the following
     A GNU/Linux   B Mac OSX   C Free BSD   D UNIX
112. Which among the following is different from others?
     A .flv   B .jpeg   C .png   D .svg
113. Who is the creator of the software SynfigStudio?
     A Ada Byron   B. Charles Babbage   C. Richard Stallman   D. Robert B Quattelbaum
114. Which among the following is different from others?
     A Adobe Flash   B Toon Boom   C Pencil   D AnimStudio
115. Pick out two examples for Query Language
     A SQL   B Python   C Java   D HTML   E MySQL
116. Which among the following is an email service provider?
     A Twitter   B Diaspora   C Yahoo   D Wikipedia
117. What is the name of the organization that supervises the structure of the internet policies and other common matters?
     A ICANN   B The Internet Society   C IETF   D RIR
118. Which organization ensures that all internet addresses reach their proper IP address?
     A ICANN   B The Internet Society   C IETF   D RIR
119. Which committee supervises the working of DNS?
     A ICANN   B The Internet Society   C IETF   D RIR
120. If you want to book train ticket through online, which website will you use?
     A irctc.com   B bsnl.in   C google.com   D kalamandalam.org
121. If you want to know more about Kathakali, which website will you visit?
     A irctc.com   B bsnl.in   C google.com   D kalamandalam.org
122. What layer type will you select from Quantum GIS if you want to create a layer containing the information about houses?
     A Point   B Circle   C Polygon   D Line
123. What layer type will you select from Quantum GIS if you want to create a layer containing the information about rivers?
     A Point   B Circle   C Polygon   D Line

124. What layer type will you select from Quantum GIS if you want to create a layer containing the information about roads?

    A Point   B Circle   C Polygon   D Line

125. In which year was Quantum GIS founded?

    A 2007   B 2008   C 2009   D 2010

126. The aim of Quantum GIS application is …………………………………

    A edit images   B make maps   C create animations   D design websites

127. Which among the following is different from others?

    A QGIS   B ArcGIS   C GRASS   D ILWIS

128. The technology that gives an IP address automatically is known as

    A DHCP   B Firewall   C DNS   D TCP

129. The computer network in your school is an example of ……………………..

    A WiFi   B LiFi   C WAN   D LAN

130. The computer network in railways and banks are examples of ………………

    A WiFi   B LiFi   C WAN   D LAN

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ANSWER KEY

1. C	35. B	69. A	103.C & E
2. B	36. B	70. B	104.C
3. D	37. C	71. C	105.B
4. C	38. A	72. D	106.D
5. A	39. A	73. A	107.B
6. B	40. C	74. C & D	108.D
7. A	41. D	75. B & D	109.A
8. C	42. D	76. A & D	110.C
9. C	43. A	77. A & B	111.B
10. A	44. C	78. A & E	112.A
11. C	45. D	79. A & C	113.D
12. D	46. D	80. B & C	114.C
13. A	47. C	81. B & C	115.E
14. C	48. A	82. C & E	116.C
15. A	49. A	83. B & C	117.B
16. A	50. B	84. A & E	118.A
17. A	51. D	85. A & C	119.C
18. D	52. B	86. A & C	120.A
19. D	53. A	87. B & C	121.D
20. D	54. A	88. A & D	122.A
21. A	55. D	89. A & D	123.D
22. C	56. D	90. A & C	124.D
23. B	57. A	91. A & E	125.C
24. B	58. A	92. C & E	126.B
25. A	59. B	93. C & E	127.B
26. A	60. B	94. D & E	128.A
27. A	61. B	95. C & D	129.D
28. A	62. B	96. D & E	130.C
29. B	63. C	97. B & E	
30. D	64. A	98. A & D	
31. A	65. B	99. C & E	
32. D	66. B	100.A & B	
33. B	67. B	101.A & D	
34. B	68. C	102.B	