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K.G.S. MATRIC. HR. SEC. SCHOOL
LESSON 1 TO 12
12th Standard

Computer Applications

I CHOOSE THE CORRECT ANSWER: 133 x 1 = 133

1) _____ refers to any type of application that involves more than one type of media such as text, graphics video animation and sound
   (a) an executable file   (b) desktop publishing   (c) multimedia   (d) hypertext

2) one of the disadvantages of the multimedia is its _____
   (a) cost   (b) adaptability   (c) usability   (d) relativity

3) expand JPEG
   (a) joint photo experts gross   (b) joint photographic experts group   (c) joint processor experts group   (d) joint photographic expression group

4) you need hardware, software and _____ to make multimedia
   (a) network   (b) compact disk drive   (c) good idea   (d) programming knowledge

5) match the following by choosing the right one

1.	Text	TGA
2.	Image	MIDI
3.	Sound	MPEG
4.	Video	RTF

   (a) 1, 2, 3, 4   (b) 2, 3, 4, 1   (c) 4, 1, 2, 3   (d) 3, 4, 1, 2

6) find the odd one on the following which is not an image format
   (a) TIFF   (b) BMP   (c) RTF   (d) JPEG

7) _____ is the process displaying still images they give continuous movement
   (a) Text formats   (b) Sound   (c) MP3   (d) Animation

8) The live telecasting of real time program through Internet is known as _____
   (a) web casting   (b) web hosting   (c) data manipulation   (d) none of the above   (e) 13

9) GIF use _____ color look up table
   (a) 8 bit   (b) 8 KB   (c) 8 MB   (d) 13bit

10) RTF file format was introduced by _____
    (a) TCS   (b) Microsoft   (c) Apple   (d) IBM

11) DTP stands for _____
    (a) Desktop Publishing   (b) Desktop Publication   (c) Doctor To Patient   (d) Desktop Printer

12) _____ is a DTP software
    (a) Lotus 1-2-3   (b) PageMaker   (c) Maya   (d) Flash

13) Which menu contains the New option?
    (a) File menu   (b) Edit menu   (c) Layout menu   (d) Type menu

14) In PageMaker Window, the area outside of the dark border is referred to as _____.
    (a) page   (b) pasteboard   (c) blackboard   (d) dashboard

15) Shortcut to close a document in PageMaker is _____
    (a) Ctrl + A   (b) Ctrl + B   (c) Ctrl + C   (d) Ctrl + W

16) A _____ tool is used for magnifying the particular portion of the area.
    (a) Text tool   (b) Line tool   (c) Zoom tool   (d) Hand tool

17) _____ tool is used for drawing boxes.

    (a) Line   (b) Ellipse   (c) Rectangle   (d) Text

18) Place option is present in _____ menu.

    (a) File   (b) Edit   (c) Layout   (d) Window

19) To select an entire document using the keyboard, press _____

    (a) Ctrl + A   (b) Ctrl + B   (c) Ctrl + C   (d) Ctrl + D

20) Character formatting consists of which of the following text properties?

    (a) Bold   (b) Italic   (c) Underline   (d) All of these

21) Which tool lets you edit text?

    (a) Text tool   (b) Type tool   (c) Crop tool   (d) Hand tool

22) Shortcut to print a document in Pagemaker is _____

    (a) Ctrl + A   (b) Ctrl + P   (c) Ctrl + C   (d) Ctrl + V

23) Which language is used to request information from a Database?

    (a) Relational   (b) Structural   (c) Query   (d) Compiler

24) The _____ diagram gives a logical structure of the database graphically?

    (a) Entity-Relationship   (b) Entity   (c) Architectural Representation   (d) Database

25) An entity set that does not have enough attributes to form primary key is known as

    (a) Strong entity set   (b) Weak entity set   (c) Identity set   (d) Owner set

26) _____ Command is used to delete a database.

    (a) Delete database database_name   (b) Delete database_name   (c) drop database database_name   (d) drop database_name

27) Which type of below DBMS is MySQL?

    (a) Object Oriented   (b) Hierarchical   (c) Relational   (d) Network

28) _____ represents a "tuple" in a relational database?

    (a) Table   (b) Row   (c) Column   (d) Object

29) Communication is established with MySQL using

    (a) SQL   (b) Network calls   (c) Java   (d) API's

30) Which is the MySQL instance responsible for data processing?

    (a) MySQL Client   (b) MySQL Server   (c) SQL   (d) Server Daemon Program

31) The structure representing the organizational view of entire database is known as _____ in MySQL database.

    (a) Schema   (b) Schema   (c) Instance   (d) Table

32) What does PHP stand for?

    (a) Personal Home Page   (b) Hypertext Preprocessor   (c) Pretext Hypertext Processor   (d) Pre-processor Home Page

33) What does PHP files have a default file extension?

    (a) .html   (b) .xml   (c) .php   (d) .ph

34) A PHP script should start with _____ and end with _____:

    (a) < php >   (b) < ? php ? >   (c) < ? ? >   (d) < ? php ? >

35) Which of the following must be installed on your computer so as to run PHP script?

    (a) Adobe   (b) windows   (c) Apache   (d) IIS

36) We can use _____ to comment a single line?

    i) /?

    ii) //

    iii) #

    iv) /* */

(a) Only (ii)   (b) (i), (iii) and (iv)   (c) (ii), (iii) and (iv)   (d) Both (ii) and (iii)

37) Which of the following PHP statement/statements will store 41 in variable num?

(a) Both (i) and (ii)   (b) All of the mentioned   (c) Only (iii)   (d) Only (i)

38) What will be the output of the following PHP code?

```
< ?php
$num = 1;
$num1 = 2;
print $num . "+". $num1;
? >
```

(a) 3   (b) 1 + 2   (c) 1.+.2   (d) Error

39) Which of the following PHP statements will output Hello World on the screen?

(a) echo ("Hello World");   (b) print ("Hello World");   (c) printf ("Hello World");   (d) sprintf ("Hello World");

40) Which statement will output $x on the screen?

(a) echo "$x";   (b) echo "$$x";   (c) echo "/$x";   (d) echo "$x;

41) Which of the below symbols is a newline character?

(a) \r   (b) \n   (c) /n   (d) /r

42) Which one of the following is the right way of defining a function in PHP?

(a) function {   (b) data type   (c) functionName(parameters) { (d) function

function body }   functionName(parameters) { function   function body }   fumctionName(parameters) { function

body }   body }

43) A function in PHP which starts with _____ (double underscore) is know as...

(a) Magic Function   (b) Inbuilt Function   (c) Default Function   (d) User Defined Function

44) PHP's numerically indexed array begin with position _____

(a) 1   (b) 2   (c) 0   (d) -1

45) Which of the following are correct ways of creating an array?

i) state[0] = "Tamilnadu";

ii) $state[] = array("Tamilnadu");

iii) $state[0] = "Tamilnadu";

iv) $state = array("Tamilnadu");

(a) iii) and iv)   (b) ii) and iii)   (c) Only i)   (d) ii), iii) and iv)

46) What will be the output of the following PHP code?

```
< ?php
$a=array("A","Cat","Dog","A","Dog");
$b=array("A","A","Cat","A","Tiger");
$c=array_combine($a,$b);
print_r(array_count_values($c));
? >
```

(a) Array ([A] = > 5 [Cat] = > 2 [Dog] (b) Array ([A] = > 2 [Cat] = > 2 [Dog] (c) Array ([A] = > 6 [Cat] = > 1 [Dog] (d) None of

= > 2 [Tiger] = > 1)   = > 1 [Tiger] = > 1)   = > 2 [Tiger] = > 1)   these

47) For finding nonempty elements in array we use

(a) is_array ( ) function   (b) sizeof ( ) function   (c) array_count ( ) function   (d) array_count ( ) function

48) Indices of arrays can be either strings or numbers and they are denoted as

(a) $my_array {4}   (b) $my_array [4]   (c) $my_array | 4 | (d) None of them

49) PHP arrays are also called as

    (a) Vector arrays   (b) Perl arrays   (c) Hashes   (d) All of them

50) As compared to associative arrays vector arrays are much

    (a) Faster   (b) Slower   (c) Stable   (d) None of them

51) What functions count elements in an array?

    (a) count   (b) Sizeof   (c) Array_Coun   (d) Count_array

52) What will be the output of the following PHP code?

```
< ? php
$ x;
if ($x)
print "hi" ;
else
print "how are u";
? >
```

    (a) how are u   (b) hi   (c) error   (d) no output

53) What will be the output of the following PHP code ?

```
< ?php
$ x = 0;
if ($x++)
print "hi";
else
print "how are u";
? >
```

    (a) hi   (b) no output   (c) error   (d) how are u

54) What will be the output of the following PHP code ?

```
< ?php
$x;
if ($x == 0)
print "hi" ;
else
print "how are u";
print "hello"
? >
```

    (a) how are uhello   (b) hihello   (c) hi   (d) no output

55) Statement which is used to make choice between two options and only option is to be performed is written as

    (a) if statement   (b) if else statement   (c) then else statement   (d) else one statement

56) What will be the output of the following PHP code ?

```
< ?php
$ a = "";
if ($a)
print "all";
if
else
```

print "some";

? >

(a) all   (b) some   (c) error   (d) no output

57) What will be the output of the following PHP code ?

```
< ?php
$a = "";
if ($a)
print "all";
if
else
print "some";
? >
```

(a) all   (b) some   (c) error   (d) no output

58) What will be the output of the following PHP code ?

```
< ?php
$x = 10;
$y = 20;
if ($x > $y + $y != 3)
print "hi" ;
else
print "how are u";
? >
```

(a) how are u   (b) hi   (c) error   (d) no output

59) What will be the output of the following PHP code ?

```
< ?php
$x = 10;
$y = 20;
if ($x > $y && 1||1)
print "hi" ;
else
print "how are u";
? >
```

(a) how are u   (b) hi   (c) error   (d) no output

60) What will be the output of the following PHP code ?

```
< ?php
if (-100)
print "hi" ;
else
print "how are u";
? >
```

(a) how are u   (b) hi   (c) error   (d) no output

61) Most complicated looping structure is

(a) While   (b) Do While   (c) For   (d) None of them

62) Loops that iterate for fixed number of times is called

    (a) Unbounded loops   (b) Bounded loops   (c) While loops   (d) For loops

63) Which loop evaluates condition expression as Boolean, if it is true, it executes statements and when it is false it will terminate?

    (a) For loop   (b) For each loop   (c) While loop   (d) All of them

64) What will be displayed in a browser

when the following PHP code is

executed:

< ?php

for ($counter = 20; $counter < 10;

$counter++){

echo "Welcome to Tamilnadu ";

}

echo "Counter is: $counter";

? >

    (a) Welcome to Tamilnadu   (b) Counter is: 20   (c) Welcome to Tamilnadu Counter is: 22   (d) Infinite loop

65) What will be displayed in a browser when the following PHP code is executed

< ?php

for ($counter = 10; $counter < 10;

$counter = $counter + 5){

echo "Hello";

}

? >

    (a) Hello Hello Hello Hello Hello   (b) Hello Hello Hello   (c) Hello   (d) None of the above

66) PHP supports four types of looping techniques;

    (a) for loop   (b) while loop   (c) foreach loop   (d) all the above

67) Consider the following code

< ? php

$count=12;

do{

printf("%d squared=%d

",

$count, pow($count,2));

} while(\$count< 4);

? >

What will be the output of the code

    (a) 12 squared 141   (b) 12 squared=141   (c) "12 squared=141"   (d) Execution error

68) What will be the output of the

following PHP code ?

< ?php

for ($x = 1; $x < 10;++$x)

{

print "*\t";

```
}
? >
```

  (a) **********   (b) *********   (c) ***********   (d) Infinite loop

69) What will be the output of the following PHP code ?

```
< ?php
for ($x = -1; $x < 10;--$x)
{
print $x;
}
? >
```

  (a) 123456713910412   (b) 123456713910   (c) 1234567139104   (d) Infinite loop

70) When you use the $_GET variable to collect data, the data is visible to..

  (a) none   (b) only you   (c) everyone   (d) selected few

71) Which one of the following should not be used while sending passwords or other sensitive information?

  (a) GET   (b) POST   (c) REQUEST   (d) NEXT

72) Which directive determines whether PHP scripts on the server can accept file uploads?

  (a) file_uploads   (b) file_upload   (c) file_input   (d) file_intake

73) In HTML form < input type="text" > is used for

  (a) One line text   (b) Block of text   (c) One paragraph   (d) None

74) HTML classes that is already defined and allow us to apply styles on it are called as

  (a) Pseudo classes   (b) Css classes   (c) Javascript classes   (d) None

75) If you would like to read a file character by character which function do you use?

  (a) fopen ( )   (b) fread ( )   (c) fgetc ( )   (d) file ( )

76) PHP is a _____ typed language

  (a) User   (b) Loosely   (c) Server   (d) System

77) What does fopen() function do in PHP?

  (a) It used to open files in PHP   (b) It used to open Remote Server   (c) It used to open folders in PHP   (d) It used to open Remote Computer

78) How PHP files can be accessed?

  (a) Through Web Browser   (b) Through HTML files   (c) Through Web Server   (d) All of Above

79) Which of the following functions reads the entire contents of a file?

  (a) fgets()   (b) file_get_contents()   (c) fread()   (d) readfile()

80) Which one of the following statements instantiates the mysqli class?

  (a) mysqli = new mysqli()   (b) $mysqli = new mysqli()   (c) $mysqli - > new.mysqli()   (d) mysqli - > new.mysqli()

81) which one is correct way, we can retrieve the data in the result set of MySQL using PHP?

  (a) mysql_fetch_row.   (b) mysql_fetch_array   (c) mysql_fetch_object   (d) All the above

82) How Can we Create a Database Using PHP and MySQL?

  (a) mysqli_create_db("Database Name")   (b) mysqli_create_db("Data")   (c) create_db("Database Name")   (d) create_db("Data")

83) Which is the correct function to execute the SQL queries in PHP ?

  (a) mysqli_query("Connection Object","SQL Query")   (b) query("Connection Object","SQL Query")   (c) mysql_query("Connection Object","SQL Query")   (d) mysql_query("SQL Query")

84) Which is the correct function Closing Connection in PHP ?

(a) mysqli_close("Connection Object");
(b) close("Connection Object");
(c) mysql_close("Connection Object");
(d) mysqli_close("Database Object");

85) Which is the correct function to establish Connection in PHP ?

(a) mysqli_connect("Server Name ","User Name","Password","DB Name");
(b) connect("Server Name ","User Name","Password","DB Name");
(c) mysql_connect("Server Name ","User Name","Password","DB Name");
(d) mysqli_connect ("Database Object");

86) Which is the not a correct MySQL Function in PHP ?

(a) Mysqli_connect() Function
(b) Mysqli_close() Function
(c) mysqli_select_data() Function
(d) mysqli_affected_rows() Function

87) How many parameter are required for MYSQLi connect function in PHP ?

(a) 2
(b) 3
(c) 4
(d) 5

88) How many parameter are required for MYSQLi query function in PHP ?

(a) 2
(b) 3
(c) 4
(d) 5

89) Which version of PHP supports MySQLi fuctions ?

(a) Version 2.0
(b) Version 3.0
(c) Version 4.0
(d) Version 5.0

90) How many parameter are required for MYSQLiClosefunction in PHP ?

(a) 1
(b) 2
(c) 3
(d) 5

91) A set of computers connecting together is called as _____

(a) Network
(b) Server
(c) Hub
(d) Node

92) Computer network devices that originates route and terminate the data were called as

(a) Hub
(b) Resource
(c) Node
(d) Cable

93) Match the period and mehods available on history of computer networking in the Internet

a)	1950	X.25 TCP/IP
b)	1966	SAGE
c)	1976	WAN
d)	1972	ARCNET

(a) 4321
(b) 3421
(c) 1234
(d) 4123

94) Western Electric introduced the first widely used _____ that implemented true computer control.

(a) Packet switch
(b) Arpanet
(c) Host
(d) Telephone switch

95) Wi-Fi is short name for

(a) Wireless Fidelity
(b) Wired fidelity
(c) Wired fiber optic
(d) Wireless fiber optic

96) People everywhere can express and publish their ideas and opinions via

(a) Tele-medicine
(b) blogging
(c) Server
(d) Node

97) Which one of the following periods, the speed capacity supported towards gigabit on computer network?

(a) SABRE
(b) SABRE
(c) NEW FIBRE OPTICS
(d) ARCNET

98) One among them was challenging to the business people on computer networking

(a) Hacking
(b) Viruses
(c) Both a & b
(d) none of this above

99) _____ able to predict, manage, and protect the computer network at Internet

(a) Artificial intelligence
(b) Broadband provider
(c) Cloud computing
(d) Transceivers

100) _____ use less power comparing with single transmitter or satellite often cell towers nearer

(a) Mobile devices
(b) Transistors
(c) WIFI
(d) Communication

101) People now a days getting relaxed via

(a) Business
(b) Corporate company
(c) News papers
(d) Social media

102) Which one of the following is not the social media

(a) Gmail   (b) Facebook   (c) twitter   (d) twitter

103) Facebook was created at _____ year

(a) 2002   (b) 2004   (c) 2013   (d) 2010

104) In mobile network, land areas for network coverage was distributed as

(a) Firmware   (b) cells   (c) Range   (d) Service

105) Which one were harmful to computer

(a) Bloggers   (b) Browser   (c) Hackers   (d) twitter

106) Which innovation made the people to use Internet?

(a) Social web   (b) Mobile technology   (c) Mobile App   (d) Both a & b.

107) The _____, "the Net," is a worldwide system of computer networks

(a) Internet   (b) mobile   (c) communication   (d) protocol

108) Which one of the following will be easy the way to uses Internet technology and the public telecommunication system to securely share business's information with suppliers, vendors, partners and customers.

(a) Extranet   (b) Intranet   (c) arpanet   (d) arcnet

109) Match the following and choose the correct answer

i.	HTTP	The core protocol of the World Wide Web
ii.	FTP	enables a client to send and receive complete files from a server.
III.	SMTP	Provide e-mail services
iv	DNS	Refer to other host computers by using names rather than numbers.

(a) i, ii, iii, iv   (b) ii, iii, iv, i   (c) iii, iv, i, ii   (d) iv, iii, ii, i

110) Communication over _____ is be made up of voice, data, images and text messages.

(a) Social media   (b) mobile network   (c) whatsapp   (d) software

111) Wi-Fi stands for _____

(a) Wireless Fidelity   (b) wired fidelity   (c) wired optic fibre   (d) wireless optic fibre

112) A TCP/IP network with access restricted to members of an organization

(a) LAN   (b) MAN   (c) WAN   (d) Intranet

113) RFID stands for _____

(a) Radio Free identification   (b) real Frequency identity   (c) Radio Frequency indicators   (d) Radio Frequency Identification

114) It guarantees the sending of data is successful and which checks error on operation at OSI layer is _____

(a) Application layer   (b) Network layer   (c) Transport Layer   (d) Physical layer

115) Which one of the following will secure data on transmissions

(a) HTTPS   (b) HTTP   (c) FTP   (d) SMTP

116) _____ provides e-mail service

(a) DNS   (b) TCP   (c) FTP   (d) SMTP

117) _____ refer to other host computers by using names rather than numbers

(a) DNS   (b) TCP   (c) FTP   (d) SMTP

118) TCP/IP is a combination of two protocols:

i. Transmission Control Protocol (TCP)

ii. Internet Protocol (IP)

iii. Selection Protocol (SP)

iv. Captial Protocol (CP)

(a) i, ii   (b) i, iii   (c) iii, iv   (d) ii, iii

119) Which of the following is used to maintain all the directory of domain names?

(a) Domain name system   (b) Domain name space   (c) Name space   (d) IP address

120) Which of the following notation is used to denote IPv4 addresses?

(a) Binary   (b) Dotted-decimal   (c) Hexadecimal   (d) a and b

121) How many bits are used in the IPv6 addresses?

(a) 32   (b) 64   (c) 128   (d) 16

122) Expansion of URL is

(a) Uniform Resource Location (b) Universal Resource Location (c) Uniform Resource Locator (d) Universal Resource Locator

123) How many types are available in Relative URL?

(a) 2   (b) 3   (c) 4   (d) 5

124) Maximum characters used in the label of a node?

(a) 255   (b) 128   (c) 63   (d) 32

125) In domain name, sequence of labels are separated by

(a) ;   (b) .(dot)   (c) NULL

126) Pick the odd one out from the following

(a) node   (b) label   (c) domain   (d) server

127) Which of the following initiates the mapping of domain name to IP address?

(a) Zone   (b) Domain   (c) Resolver   (d) Name servers

128) Which is the contiguous area up to which the server has access?

(a) Zone   (b) Domain   (c) Resolver   (d) Name servers

129) ISP stands for

(a) International Service provider   (b) Internet Service Provider   (c) Internet service Protocol   (d) Index service provider

130) TLD stands for

(a) Top Level Data   (b) Top Logical Domain   (c) Term Level Data   (d) Top Level Domain

131) Which of the following statements are true?

i) Domains name is a part of URL.

ii) URL made up of four parts

iii) The relative URL is a part of Absolute URL

iv) URL doesn't contain any protocol

(a) i & ii   (b) ii   (c) i, ii & iii   (d) i, ii & iv

132) Assertion (A) : The number of addresses used in IPv6 addressing method is 128.

Reason (R) : IPv6 address is a 128 bit unique address.

(a) A is true and R is false.   (b) A is false and R is true.   (c) Both A and R are correct and R is the correct explanation of A.   (d) Both A and R are correct and R is not the correct explanation of A.

133) Match the following

domain	1. progress that initiates translation
zone	2. contains database of domain names
name server	3. single node
resolver	4. contiguous nodes

(a) 1432   (b) 3421   (c) 3214   (d) 3412

BY

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