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1. Which one is PHP's authentication variable?
   a) $_SESSION['PHP_AUTH_USER']
   b) $_SERVER['PHP_AUTH']
   c) $_SESSION['PHP_AUTH_PW']
   d) $_SERVER['PHP_AUTH_USER']
2. If the user is validated, the browser stores the authentication information…..
   a) session
   b) cache
3. The ___ function determines whether a variable has been assigned a value.
   a) If()
   b) Check()
   c) isset()
   d) header()
4. The ____ function encrypts the provided password.
   a) SH1()
   b) mb5()
   c) md5()
   d) SHS()
5. Which one is involved in the transfer of web pages from a server to the user's browser?
   a) SMTP
   b) SSL
   c) HTTP
   d) FTP
6. Which one is a php's super global Array that is used to handle file-upload data ?
   a) $_POST
   b) $_GET
   c) $_SERVER
   d) $_FILES

7. Default port of HTTP__
   a) 81
   b) 22
   c) 110
   d) 80

8. The _____ function establishes a connection to the resource designated by target on port.
   a) fsockopen()
   b) sockopen()
   c) fopen()
9. Function to erase all session variables____
   a) session_destroy()
   b) session_unset()
10. If the directive session.cookie_lifetime is set to 3600, the cookie will live until _____
    a) 3600 sec
    b) 3600 min
    c) 3600 hrs
    d) the browser is restarted
11. Which one of the following function is used to start a session?
    a) start_session()
    b) session_start()
    c) session_begin()
    d) begin_session()
12. Which of the following PHP function is commonly used when handling authentication via PHP?
    i) header()
    ii) footer()
    iii) inset()
    iv) isset()
       a) i) and iv)
       b) ii) and iv)
       c) ii) and iii)
       d) i) and iii)
13. Which function is used to split a string into a series of substrings, with each string boundary is determined by a specific separator?
    a) break()
    b) divide()
    c) explode()
    d) md5()

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13. Which is the most powerful authentication method among the four?
   a) Hard-coding a login pair directly into the script
   b) File-based authentication
   c) Data-based authentication
   d) PEAR'S HTTP authentication

15. Which one of the following statements should be used to disable just the fopen(), and file() functions?
   a) disable_functions = fopen(), file()
   b) disable_functions = fopen, file
   c) functions_disable = fopen(), file()
   d) functions_disable = fopen, file

16. Which of the following directive determines the maximum amount of time that a PHP script will spend attempting to parse input before registering a fatal error?
   a) max_take_time
   b) max_intake_time
   c) max_input_time
   d) max_parse_time

17. What is the default value of max_input_time directive?
   a) 30 seconds
   b) 60 seconds
   c) 120 seconds
   d) 1 second

18. What is the default value of the directive max_file_limit?
   a) 10 files
   b) 15 files
   c) 20 files
   d) 25 files

19. Which directive sets a maximum allowable amount of memory in megabytes that a script can allow?
   a) max_size
   b) post_max_size
   c) max_memory_limit
   d) memory_limit

20. Which function is used to determine whether a file was uploaded? attributes
   a) is_file_uploaded()
   b) is_uploaded_file()
   c) file_uploaded("filename")
   d) uploaded_file("filename")

21. What is the full form of DNS?
   a) Digital Network System
   b) Domain Network System
   c) Digital Name System
   d) Domain Name System

22. Which one of the following function checks for the existence of DNS records?
   a) checkdns()
   b) checkdnsr()
   c) checkdnsrr()
   d) checkdnsa()

23. Which one of the following function is used to return an array consisting of various DNS resource records pertinent to a specific domain?
   a) dns_get_record()
   b) dns_record()
   c) dnsrr_get_record()
   d) dnsrr_record()

24. Which one of the following function is used to retrieve the MX records for the domain specified by hostname?
   a) getmx()
   b) retrieve_mx()
   c) getmxrr()
   d) retrieve_mxrr()

25. Which one of the following function returns the port number of a specified service?
   a) getportname()
   b) getservername()
   c) getserverbyname()
   d) getservbyname()

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26. Which one of the following function is used to send an email using PHP script?

a) mail_send()

   e) send_mail()

   f) mailrr()

   g) mail()

27. The datatype best suited to store currency values is _____

a) INT

   c) FLOAT

   d) DOUBLE

   e) DECIMAL

28. What is defined to execute when the table is modified only?

a) Stored functions

   b) Stored procedures

   c) Triggers

   d) Events

29. Which statement is used to produce a stored function?

a) PRODUCE FUNCTION

   b) CREATE FUNCTION

   c) PRODUCE PROCEDURE

   d) CREATE PROCEDURE

30. The statement used to create a trigger is _____

a) CREATE TRIGGER

   b) CREATE TRIGGERS

   c) PRODUCE TRIGGER

   d) PRODUCE TRIGGERS

31. Character data can be stored as _____

a) Fixed length string

b) Variable length string

c) Either Fixed or Variable length string

d) None of the mentioned

32. The maximum length of the char columns is _____

a) 255 bytes

b) 65, 535 bytes

c) 256 bytes

d) None of the mentioned

33. The maximum length of the varchar columns is _____

a) Upto 65, 535 bytes

b) Upto 256 bytes

c) Upto 65, 567 bytes

d) None of the mentioned

34. Mysql support different character sets, which command is used to display all character sets?

a) SHOW CHARACTER SET;

b) SHOW;

c) CHARACTER SET;

d) None of the mentioned

35. Which "text type" has the maximum number of bytes?

a) Tiny text

b) Text

c) Medium text

d) Long text

36. Which among the following have the maximum bytes?

a) Varchar

b) Char

c) Text type

d) Both Varchar and Char

37. What will happen if the data being loaded into a text column exceeds the maximum size of that type?

a) Extra memory will be allocated

b) Process terminate

c) Data will be truncated

d) Depend on the system

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38. Which data type is more suitable for storing "small notes" in Mysql?
a) Char
b) Varchar
c) Mediumtext
d) Longtext

39. Which data type is more suitable for storing "documents" in Mysql?
a) Varchar
b) Longtext
c) Mediumtext
d) Either Varchar or Longtext

40. "Numeric Data" is used to store _____
a) Whole numbers
b) Natural numbers
c) Rational numbers
d) Both Whole and Natural numbers

41. Which Numeric Data type has the largest range?
a) Mediumint
b) Smallint
c) Int
d) Tinyint

42. Which among the following are the correct representation of "float(4,2)"?
a) 24.33
b) 124.4
c) 12.123
d) Both 24.33 and 124.4

43. What is the default format for "Date" data type?
a) YYYY-MM-DD
b) MM-YYYY-DD

c) DD-MM-YYYY
d) None of the mentioned

44. What is the default format for "Datetime" data type?
a) YYYY-MM-DD HH:MI:SS
b) MM-YYYY-DD HH:MI:SS
c) DD-YYYY-MM MI:HH:SS
d) None of the mentioned

45. What is the default format for "Time" data type?
a) HHH:MI:SS
b) SS:MI:HHH
c) MI:SS:HHH
d) None of the mentioned

46. Which column attribute provides unique numbers for identification?
a) AUTO_INCREMENT
b) UNSIGNED
c) IDENTIFY
d) DESCRIBE

47. There can be only one column per table with the AUTO_INCREMENT attribute.
a) True
b) False

48. Which datatype is best suited to store currency values?
a) INT
b) FLOAT
c) DOUBLE
d) DECIMAL

49. Which of these return a result to the client?
a) Stored functions
b) Stored procedures

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c) Triggers
d) Events

50. Which of these is defined to execute when the table is modified only?
a) Stored functions
b) Stored procedures
c) Triggers
d) Events

51. Stored programs improve database security.
a) True
b) False

52. Which command is used to redefined the mysql delimiter?
a) redefine_delim
b) delim_redefine
c) delimiter
d) redefine

53. Which of the following characters cannot be used as a delimiter?
a) ,
b) .
c) ;
d) \

54. Stored routines refers to stored functions and procedures.
a) True
b) False

55. Which of the following statements does not modify the table?
a) INSERT
b) UPDATE
c) DELETE
d) SELECT

56. To produce a stored function, which statement is used?
a) PRODUCE FUNCTION
b) CREATE FUNCTION
c) PRODUCE PROCEDURE
d) CREATE PROCEDURE

57. How many values can be returned from a given stored function?
a) 0
b) 1
c) 2
d) 3

58. How many values can be returned from a stored procedure?
a) 0
b) 1
c) 2
d) 3

59. Which procedure parameter enables the caller to pass in a value and get back a value?
a) IN
b) OUT
c) INOUT
d) GETINOUT

60. Triggers enable to enforce data integrity constraints.
a) True
b) False

61. Which statement is used to create a trigger?
a) CREATE TRIGGER
b) CREATE TRIGGERS
c) PRODUCE TRIGGER
d) PRODUCE TRIGGERS

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62. For which of the following are triggers not supported?
a) delete
b) update
c) insert
d) views

63. Which statement is used to remove a trigger?
a) REMOVE
b) DELETE
c) DROP
d) CLEAR

64. A stored procedure is invoked using the statement _____
a) INVOKE
b) SEE
c) CALL
d) RETURN

65. The data rows of a MyISAM table are stored in _____
a) data file
b) index file
c) log file
d) error file

66. The maximum number of indexes on MyISAM table is _____
a) 0
b) 1
c) 2
d) more than 1

67. Which command is used to remove existing tables or database?
a) DROP TABLE
b) DELETE
c) Either DROP TABLE or DELETE
d) None of the mentioned

68. Which command is used to display all the existing tables in a database?
a) SHOW TABLES
b) SHOW TABLE
c) SHOW
d) None of the mentioned

69. Is duplicate entry of primary key is allowed in SQL?
a) Yes
b) No
c) Depends
d) None of the mentioned

70. Find the error in the following SQL statement?

```
CREATETABLE person
(person_idSMALLINT,              name
VARCHAR,LASTVARCHAR
  CONSTRAINTS
pk_personPRIMARYKEY(person_id));
INSERTINTO person
VALUES(person_id, name,LAST)
(1, 's', 'p');
INSERTINTO person
(person_id, name,LAST)
VALUES(1,'s','p');
```

a)No error
b) Error, Duplicate value
c) Any other error
d) None of the mentioned

71. Find the error in the following SQL statement?

```
CREATETABLE person
(person_idSMALLINT,              name
VARCHAR,LASTVARCHAR,Bith_dateDATE
  CONSTRAINTS
pk_personPRIMARYKEY(person_id));
INSERTINTO person
VALUES(person_id,
name,LAST,Birth_date)
(1,'s','p',24-1991-01);
```

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a) In correct data value
b) No error
c) Any other error
d) None of the mentioned

72. Which Key is used to link two tables in Mysql?
a) Primary Key
b) Foreign Key
c) Both Primary and Foreign Key
d) None of the mentioned

73. Which among the following tags belong to Data definition language?
a) SELECT
b) FROM
c) WHERE
d) All of the mentioned

74. Which clause is used to determine "which column to include in the query sets"?
a) SELECT
b) FROM
c) WHERE
d) ORDER BY

75. Which clause is used to "Identifies table from which to draw table and how the table should be joined"?
a) FROM
b) SELECT
c) ORDER By
d) WHERE

76. Which clause is used to "Filters out unwanted data"?
a) FROM
b) WHERE
c) SELECT
d) ORDER BY

77. Which clause is used to "group rows together by common columns values"?
a) SELECT
b) GROUP BY
c) FROM
d) WHERE

78. For which language is the engine specific interface PDO defined?
a) Python
b) Perl
c) PHP
d) C

79. For which language is the PEAR module used?
a) Python
b) Perl
c) PHP
d) C

80. The statement used to change the table name is _____
a) RENAME
b) CHANGE
c) CHANGENAME
d) CHANGENM