

# HIGH COURT OF MANIPUR

## QUESTION PAPER BOOKLET

FOR RECRUITMENT OF SENIOR DEVELOPER AND DEVELOPER

Venue: High Court of Manipur

Date: 29-04-2017

Time Allowed: 1(One) hour.

Full Marks: 50

No. of Pages in this Booklet : 7 (Excluding cover)

No. of Questions : 50

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### Instructions:

1. After receiving the Question Paper Booklet candidates are to carefully examine the Booklet and tally the number of pages and number of questions in the Booklet with the information printed above and if any discrepancies is found he/she should get it replaced immediately by a correct Booklet from the invigilator within the period of 5 minutes.
  2. This paper consists of fifty multiple-choice type questions. Each question carries one mark. There will be negative marking of 0.25 for each incorrect answer.
  3. Overwriting or attempting more than one option in a Question will fetch negative mark.
  4. Rough Work may be done in the extra sheet provided at the end of this booklet.
  5. Candidates have to return the answer sheet to the invigilators before leaving the Examination Hall/Room. However, they are allowed to carry the question paper booklet on conclusion of the Examination.
  6. Candidates must observe complete silence and shall not copy from other candidates or allow his/her own paper to be copied.
  7. Candidates found violating the above mentioned rules will be liable for expulsion from the Examination Hall/Room and disqualification from the Examination or any other punishment as deem fit by the authority.
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1. In building applications using Java, PHP, etc. Which of the following IDE are used;
- [A] NetBeans, Eclipse, JSON [B] Android Studio, Visual Andrid, JBuilder
- [C] NetBeans, Eclipse [D] JBuilder, Visual Studio, Orion
2. POST and GET are two HTTP form submission methods.
- [A] True [B] False
3. How do you read data from a form through PHP that is submitted using the "get" method?
- [A] \$\_GET[ ] [B] Request.Form
- [C] Request.QueryString [D] \$\_POST[ ]
4. Drupal, Joomla, WordPress are
- [A] Names of webserver [B] Names of NOSQL databases
- [C] Content Management Systems [D] None of these
5. We use command to declare variable type in PHP
- [A] True [B] False
6. \$age and \$AGE are two different variables in PHP
- [A] True [B] False
7. Which variable is used to collect form data sent with both the GET and POST methods in PHP?
- [A] \$BOTH [B] \$\_BOTH
- [C] \$REQUEST [D] \$\_REQUEST
8. Which one of the following should not be used while sending passwords or other sensitive information?
- [A] GET [B] POST
- [C] REQUEST [D] NEXT
9. PHP is a \_\_\_\_\_. It means you do not have to tell PHP which data type the variable is PHP automatically converts the variable to the correct data type, depending on its value.
- [A] client side language [B] local language
- [C] global language [D] loosely typed language
10. Which of the following is not a valid variable name in PHP?
- [A] \$number-in-class [B] \$name
- [C] \$NumberInClass [D] \$number\_in\_class
11. In PHP all variable names are case-sensitive
- [A] True [B] False

12. In PHP, all keywords (e.g. if, else, while, echo, etc.), classes, functions, and user-defined functions are NOT case-sensitive  
[A] True [B] False
13. A view is nothing but a \_\_\_\_\_ table or a stored query.  
[A] Dynamic [B] Real  
[C] Virtual [D] Static
14. How much storage space does DATETIME require in mysql?  
[A] 4 bytes [B] 2 bytes  
[C] 8 bytes [D] 1 bytes
15. Character data can be stored as \_\_\_\_\_ in PostgreSQL  
[A] Fixed length string [B] Variable length string  
[C] Either (a) or (b) [D] None of these
16. Which one of the following are used to generate dynamic web pages?  
[A] PHP [B] ASP.NET [C] JSP [D] All
17. PDO class in PHP is used for?  
[A] Consistent interface for accessing databases [B] as a data type  
[C] A superglobal variable [D] None of these
18. What is the default format for "Datetime" data type in Mysql?  
[A] YYYY-MM-DD HH:MM:SS [B] MM-YYYY-DD HH:MM:SS  
[C] DD-YYYY-MM MM:HH:SS [D] None of these
19. In the following query, what does "person" stands for in Mysql:  
INSERT INTO person  
(person\_id, fname, lname)  
VALUES (1,'S','P');
- [A] Composite attributes [B] Multivalued attributes  
[C] Table name [D] None of these
20. Advantages of Relational Database Management systems are  
[A] Flexibility, of relating different logical files  
[B] Security controls can be more easily implemented.  
[C] Data independence since it allows the database to grow by adding new attributes and relations.  
[D] All of the above
21. Gantt chart is used in  
[A] hardware management [B] while preparing DFD  
[C] software project management [D] All of the above

22. The set of attributes in a database that refers to data in another table is called \_\_\_\_\_.

- [A] primary key
- [B] candidate key
- [C] foreign key
- [D] super key

23. What is ACID properties of Transactions in database operations.

- [A] Atomicity, Consistency, Isolation, Database
- [B] Automatically, Concurrency, Isolation, Durability
- [C] Atomicity, Consistency, Inconsistency, Durability
- [D] Atomicity, Consistency, Isolation, Durability

24. The Data flow diagram (DFD) shows;

- [A] the flow of data
- [B] the processes
- [C] the locations where they are stored.
- [D] All of the above

25. In Data flow diagram (DFD) which symbol represent process

- [A] Circle
- [B] rectangle
- [C] square
- [D] rombus

26. To select all columns from the table the syntax is:

- [A] Select all from table\_name
- [B] Select \* from table\_name
- [C] Select from table\_name
- [D] Non of the above

27. The primary key in a table must be

- [A] Unique
- [B] Not Null
- [C] Both A & B
- [D] None of these

28. pgAdmin is

- [A] name of datatype in Postgresql database
- [B] Design and Management console for Postgresql database
- [C] Is available only for Windows platform
- [D] None of the above

29. Which of the following PHP statement/statements will store 111 in variable num?

- i) int \$num = 111;
- ii) int mum = 111;
- iii) \$num = 111;
- iv) 111 = \$num;
- [A] Both i) and ii)
- [B] All of the mentioned.
- [C] Only iii)
- [D] Only i)

30. What will be the output of the following php code?

<?php

1. \$num = "1";
2. \$num1 = "2";
3. print \$num+\$num1;
4. ?>

[A] 3

[B] 1+2

[C] Error

[D] 12

31. Which among the following are the correct definitions for "NULL" in Mysql?

[A] Absence of value

[B] Unknown

[C] Empty set

[D] All of the above

32. What will be the output of the following PHP code ?

```
1.  <?php
2.  $a = 1;
3.  switch($a)
4.  {
5.      case 1:
6.          break;
7.          print "hi";
8.      case 2:
9.          print "hello";
10.         break;
11.     default:
12.         print "hi1";
13.     }
14.     ?>
```

[A] hihellohi1

[B] hi

[C] No output

[D] hihi1

33. What will be the output of the following PHP code ?

```
1.  <?php
2.  $colors = array("red","green","blue","yellow");
3.  foreach ($colors as $value)
4.  {
5.      echo "$value <br>";
6.  }
7.  ?>
```

[A] No output

[B] red

[C] red  
green  
blue  
yellow

[D] error



34. Which among the following is the correct syntax for defining "ENUM" in Mysql?

- [A] gender ENUM ('M', 'F'), [B] gender ENUM,  
[C] gender ENUM ( ), [D] None of these

35. What default value gets stored in columns of the table in Mysql?

- [A] NULL [B] 0  
[C] 1 [D] -1

36. What is meaning of "REFERENCES" in table definition in Mysql?

- [A] NULL [B] A "foreign Key" belong to this particular table  
[C] Primary key [D] foreign Key

37. Which declaration doesn't use the same number of bytes and consumption of bytes depends on the input data ?

- [A] Varchar [B] Char  
[C] Both [A] and [B] [D] None of these

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

```
1. <?php
2. function b()
3. {
4.     echo "b is executed";
5. }
6. function a()
7. {
8.     b();
9.     echo "a is executed";
10.    b();
11. }
12.    a();
13. ?>
```

- [A] b is executedb is executedb is executed [B] b is executeda is executed  
[C] a is executed [D] b is executeda is executedb is executed

39. 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

40. Which line of the following statements will produce error?

- [A] SELECT \* FROM person WHERE person\_id=1;
- [B] SELECT pname FROM person;
- [C] SELECT pname, lname, person\_id FROM person;
- [D] None of these

41. Which among the following tags belong to Data Manipulation language?

- [A] UPDATE
- [B] ALTER
- [C] MODIFY
- [D] All of the above

42. In PHP which function returns the datatype and value of variables

- [A] substr()
- [B] strlen()
- [C] var\_dump()
- [D] All of the above

43. In PHP which of the following is not true in case of function

- [A] A function name can start with a letter or underscore
- [B] A function name can start with a number
- [C] Function names are NOT case-sensitive
- [D] All of the above

44. Which of the following is a utility for backing up a PostgreSQL database

- [A] pg\_config
- [B] dropdb
- [C] pg\_dump
- [D] All of the above

45. An **employee** table contains 2000 records with one field call **Department**. There are 10 different departments. How many rows will be there in the output of the following statement:

Select Department, count(\*) from employee group by Department;

- [A] 2000 rows
- [B] 10 rows
- [C] 200 rows
- [D] 0 rows

46. Users can add new data types to PostgreSQL using the **CREATE TYPE** command

- [A] True
- [B] False

47. Which of the following is true in case of PostgreSQL database, **psql** is

- [A] a command line tool and the primary tool to manage PostgreSQL
- [B] It is a free and open source graphical user interface administration tool for PostgreSQL
- [C] Both [A] and [B] is True
- [D] Both [A] and [B] is Not True

48. Which schema is created by default in a PostgreSQL database?

- [A] postgres
- [B] DBO
- [C] public
- [D] DBA

49. What will be the output of the following PHP code?

```
1.  <?php
2.  function sayHello()
3.  {
4.      echo "HelloWorld<br />";
5.  }
6.  $function_holder = "sayHello";
7.  $function_holder();
8.  ?>
```

- [A] No Output
- [B] Error
- [C] HelloWorld
- [D] sayHello

50. Which tool is used for replication of PostgreSQL databases:

- [A] Replication
- [B] Copy
- [C] Synchronize
- [D] Slony

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