

**12<sup>th</sup> Computer Application – Full Portion Model Question Paper****PART – I****Answer all questions****15 x 1 = 15**

1. \_\_\_\_\_ is a standard communication tool developed for computers and electronic instruments.  
(a) Musical Instrument Digital Identifier (b) Moving Picture Experts Group  
(c) Audio Interchange File Format (d) Real Audio Format
2. **The security authentication technology includes**  
i) Digital Signatures  
ii) Digital Currency  
iii) Digital Image  
iv) Digital Certificates  
(a) i & iv (b) ii & iii (c) i, ii & iii (d) all the above
3. **Assertion (A):** The websites of first wave dotcom companies were only in English  
**Reason (R):** The dotcom companies of first wave are mostly American companies.  
(a) Both (A) and (R) are correct and (R) is the correct explanation of (A)  
(b) Both (A) and (R) are correct, but (R) is not the correct explanation of (A)  
(c) (A) is true and (R) is false (d) (A) is false and (R) is true
4. **Open NMS was released in .....**  
(a) 1999 (b) 2000 (c) 2003 (d) 2004
5. \_\_\_\_\_ key of relational table identifies each record in the table in a unique  
(a) Primary Key (b) Super Key (c) Foreign Key (d) Super Key
6. **What is the index of the third element in an indexed array in PHP with 5 elements?**  
(a) 2 (b) 3 (c) 4 (d) 5
7. **What happens if none of the case values match the expression in a switch statement?**  
a) The default case block is executed (b) The program terminates  
(c) The nearest case block is executed (d) The first case block is executed
8. **What is the output of the following code?**  

```
$array = array(1, 2, 3, 4, 5,6);  
foreach ($array as $value)  
{  
    echo $value;  
}
```

  
(a) 1 2 3 4 5 (b) 5 4 3 2 1 (c) 1 1 1 1 1 (d) None of the above
9. **What is the purpose of validation in PHP?**

- (a) To check the input data submitted by the user from the client machine
- (b) To display data to users
- (c) To store data on the server
- (d) To send data to the client

**10. 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");

**11. 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

**12. Which of the following initiates the mapping of domain name to IP address?**

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

**13. Which wiring standard is used for connecting two computers directly?**

- (a) straight Through wiring
- (b) Cross Over wiring
- (c) Rollover wiring
- (d) None

**14. ECS stands for**

- (a) Electronic Clearing Services
- (b) Electronic Cloning Services
- (c) Electronic Clearing Station
- (d) Electronic Cloning Station

**15. EDI stands for**

- (a) Electronic Details Information
- (b) Electronic Data Information
- (c) Electronic Data Interchange
- (d) Electronic Details Interchange

**PART – II**

**Answer any six questions and also Question No. 21 is compulsory.**

**6 x 2 =12**

- 16. Write about phishing
- 17. Distinguish micro electronic payment and macro electronic payment
- 18. What is meant by network simulator?
- 19. Explain the types of network cables
- 20. What are the MySQLi function available PHP?
- 21. What is the output of the following code snippet?

```
<?php
$number = 1;
while ($number <= 10)
{
echo "$number <br>";
```

```

$number++;
}
?>

```

22. What is the role of the break statement in a switch statement?
23. What are the ACID properties?
24. What is threading text blocks?

### PART – III

**Answer any six questions and also Question No. 33 is compulsory. 6 x 3 =18**

25. Write a note on UN/EDIFACT
26. Write a short note on the third wave of E-Commerce.
27. What are the differences between Absolute URL and Relative URL?
28. Compare Internet, Intranet and Extranet
29. Write a note on Resource sharing.
30. Explain the difference between the POST method and GET method of sending data to the server in PHP.
31. Write few commands used by DBA to control the entire database.
32. Write short notes on an Associative array.
33. What is the output of the following code snippet?

```

<?php
$ages = array( "Arun" => 25, "Balu" => 30, "Naveen" => 28);
echo $ages["Arun"];
echo $ages["Balu"];
echo $ages["Naveen"];
?>

```

### PART – IV

**Answer all the Questions**

**5 x 5 =25**

34. Differentiate symmetric key and asymmetric key encryption.  
(OR)  
Explain the DDL command of their functions in SQL.
35. Explain the types of network cables  
(OR)  
Explain how the DNS is working.
36. Explain MySQLi Queries with examples.  
(OR)  
What are the MySQLi function available PHP?
37. Write a PHP code to print 10 to 20 numbers in ascending order using while loop and do... while loop.  
(OR)  
Explain the user-defined function with suitable examples.
38. Explain the tools in PageMaker toolbox  
(OR)  
Explain in detail about Production team roles and responsibilities.