

امثلة امتحانات للعام الجامعي 2023 - 2024

القسم: علم البيانات	اسم المقرر: المواقع الالكترونية المتقدمة
السنة: الثالثة	اللغة: انكليزي
الفصل: الأول	اسم الأستاذ: د. محمد ناجي
الدورة: الأولى	مدة الإمتحان: ساعتان

1. Choose One Answer for every Question:

- Variables always start with a in PHP
A. Pond-sign
B. Yen-sign
C. Euro-sign
D. Dollar-sign
- Which of the below symbols is a newline character?
A. \r
B. \n
C. /n
D. /r
- Under what circumstance is it impossible to assign a default value to a parameter while declaring a function?
A. When the parameter is Boolean
B. When the function is being declared as a member of a class
C. When the parameter is being declared as passed by reference
D. When the function contains only one parameter
E. Never
- What does PHP stand for?
i) Personal Home Page
ii) Hypertext Preprocessor
iii) Pretext Hypertext Processor
iv) Preprocessor Home Page
A. Both (i) and (ii)
B. Both (ii) and (iv)
C. Only (ii)
D. Both (i) and (iii)
- PHP's numerically indexed array begin with position _____.
A. 1
B. 2
C. 0
D. -1

6. Which of the following is/are a PHP code editor?

- i) Notepad
 - ii) Notepad++
 - iii) Adobe Dreamweaver
 - iv) PDT
- A. Only (iv)
B. All of the mentioned.
C. (i), (ii) and (iii)
D. Only (iii)

7. Which of the following php statement/statements will store 987 in variable num?

- i. int \$num = 987;
 - ii. int mum = 987;
 - iii. \$num = 987;
 - iv. 987 = \$num;
- A. Both (i) and (ii)
B. All of the mentioned.
C. Only (iii)
D. Only (i)

8. Which of following variables can be assigned a value to it?

- (i) \$3hello
 - (ii) \$_hello
 - (iii) \$this
 - (iv) \$This
- A. All of the mentioned
B. Only (ii)
C. (ii), (iii) and (iv)
D. (ii) and (iv)

9. What will be the output of the following code?

```
< ?php
$foo = 'Bob';
$bar = &$foo;
$bar = "My name is $bar";
echo $bar;
echo $foo;
?>
```

- A. Error
B. My name is BobBob
C. My name is BobMy name is Bob
D. My name is Bob Bob

10. If \$a = 12 what will be returned when (\$a == 12) ? 5 : 1 is executed?

- A. 12
B. 1
C. Error
D. 5

11. Which of the following PHP statements will output Hello World on the screen?

- (i) echo ("Hello World");
 - (ii) print ("Hello World");
 - (iii) printf ("Hello World");
 - (iv) sprintf ("Hello World");
- A. (i) and (ii)
B. (i), (ii) and (iii)
C. All of the mentioned
D. (i), (ii) and (iv)

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

```
< ?php
$color = "maroon";
$var = $color[3];
echo "$var";
?>
```

- A. a
- B. Error
- C. \$var
- D. o

13. Which statement will output \$x on the screen?

- A. echo "\\$x";
- B. echo "\$\$x";
- C. echo "/\$x";
- D. echo "\$x";

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

```
< ?php
$total = "37 students";
$more = 12;
$total = $total + $more;
echo "$total";
?>
```

- A. Error
- B. 49 students
- C. 49
- D. 37 students

15. Which of the below statements is equivalent to \$add += \$add ?

- A. \$add = \$add
- B. \$add = \$add + \$add
- C. \$add = \$add + 1
- D. \$add = \$add + \$add + 1

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

```
< ?php
$a = "clue";
$a .= "get";
echo "$a";
?>
```

- A. get
- B. true
- C. false
- D. clueget

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

```
< ?php
$steam = "arsenal";
switch ($steam) {
case "manu":
```

```

echo "I love man u";
case "arsenal":
echo "I love arsenal";
case "manc":
echo "I love manc"; }
?>

```

- A. I love arsenal
- B. Error
- C. I love arsenalI love manc
- D. I love arsenalI love mancI love manu

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

```

<?php
$num = 18;
echo "What is her age? \n She is $num years old";
?>

```

- A. What is her age? She is \$num years old
- B. What is her age? n She is \$num years old
- C. What is her age? She is 18 years old
- D. What is her age?n She is 18 years old

19. Which of the conditional statements is/are supported by PHP? 1. if statements 2. if-else statements 3. if-elseif statements 4. switch statements

- A. Only 1
- B. 1, 2 and 4
- C. 2, 3 and 4
- D. All of the mentioned.

20. Which of the looping statements is/are supported by PHP?

1. for loop
2. while loop
3. do-while loop
4. foreach loop

- A. 1 and 2
- B. 1, 2 and 3
- C. All of the mentioned
- D. None of the mentioned

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

```

<?php
$user = array("Ashley", "Bale", "Shrek", "Blank");
for ($x=0; $x < count($user); $x++)
{
if ($user[$x] == "Shrek") continue;
printf ($user[$x]);
}
?>

```

- A. AshleyBale
- B. AshleyBaleBlank
- C. ShrekBlank
- D. Shrek

22. If \$a = 12 what will be returned when (\$a == 12) ? 5 : 1 is executed?

- A. 12
- B. 1

- C. Error
- D. 5

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

```
<?php
Sa = 5;
$b = 5;
span class="sys-fun">echo ($a === $b);
?>
```

- A. 5 === 5
- B. Error
- C. 1
- D. False

24. What is the value of \$a and \$b after the function call?

```
<?php
function doSomething( &$sarg )
{
$return = $sarg;
$sarg += 1;
return $return;
}
$a = 3;
$b = doSomething( $a );
?>
```

- A. a is 3 and b is 4
- B. a is 4 and b is 3
- C. Both are 3
- D. Both are 4

25. Which of the following is not valid PHP code?

- A. \$_10
- B. \${MyVar}
- C. &\$something
- D. \$10_somethings
- E. \$aVaR

26. PHP demand that you declare a data type when you create a variable.

- A. does
- B. does not

27. In the PHP code given below, what is/are the properties?

```
< ?php
class Example
{
public $name;
function Sample()
{
echo "This is an example";
}
}
?>
```

- A. echo "This is an example";
- B. public \$name;

- C. class Example
- D. function sample(

28. Which of the following are correct ways of creating an array?

1. state[0] = "karnataka";
 2. \$state[] = array("karnataka");
 3. \$state[0] = "karnataka";
 4. \$state = array("karnataka");
- A. 3 and 4
 - B. 2 and 3
 - C. Only 1
 - D. 2, 3 and 4

29. Which function will return true if a variable is an array or false if it is not?

- A. this_array()
- B. is_array()
- C. do_array()
- D. in_array()

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

```
<?php
function calc($price, $tax="")
{
    $total = $price + ($price * $tax);
    echo $total;
}
calc(42);
?>
```

- A. Error
- B. 0
- C. 42
- D. 84

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

```
<?php
function a()
{
    function b()
    {
        echo 'I am b';
    }
    echo 'I am a';
}
a();
a();
?>
```

- A. I am b
- B. I am b I am a
- C. Error
- D. I am a Error

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

```
<?php
$fruits = array ("mango", "apple", "peach", "pear");
$fruits = asort ($fruits);
print_r ($fruits);
?>
```

- A. Array ([1] => apple [0] => mango [2] => peach [3] => pear)
- B. Array ([0] => apple [1] => mango [2] => peach [3] => pear)

- C. Error
- D. Array ([1] => apple [0] => mango [3] => peach [2] => pear)

33. Which of the following is/are not an exception?

- 1. BadFunctionCallException
 - 2. BadMethodCallException
 - 3. LogicException
 - 4. DomainException
- A. All of the mentioned
 - B. Only 4
 - C. 3 and 4
 - D. None of the mentioned

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

```
<?php
$x = 0;
if ($x == 1)
    if ($x >= 0)
        print "true";
    else
        print "false";
?>
```

- A. true
- B. false
- C. error
- D. no output

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

```
<?php
$a = "1";
$b = "0";
if ((int)$a && $b)
    print "hi";
else
    print "hello";
?>
```

- A. hello
- B. no output
- C. hi
- D. error

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

```
<?php
for ($x = 0; $x <= 10; print ++$x)
{
    print ++$x;
}
?>
```

- A. 123456789101112
- B. 12345678910
- C. 1234567891011
- D. infinite loop

2. Write a program to count 2 to 14 using PHP loop

Description:

Write a Program to display count, from 2 to 14 using PHP loop as given below.

Rules & Hint

- You can use "for" or "while" loop
- You can use variable to initialize count
- You can use html tag for line break

3. Write a program to create Chess board in PHP using for loop

Description:

Write a PHP program using nested for loop that creates a chess board.

Conditions:

- You can use html table having width="400px" and take "30px" as cell height and width for check boxes.

C	R	b	Q	K	b	R	C
P	P	P	P	P	P	P	P
P	P	P	P	P	P	P	P
C	R	b	K	Q	b	K	C

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I) 1.	D	10.	D
2.	B	11.	B
3.	C	12.	D
4.	A	13.	A
5.	C	14.	C
6.	B	15.	B
7.	C	16.	D
8.	D	17.	C
9.	C	18.	B
		19.	D
		20.	C
		21.	B
		22.	D
		23.	C
		24.	B
		25.	D
		26.	B
		27.	B
		28.	A
		29.	B
		30.	C
		31.	D
		32.	A
		33.	D
		34.	D
		35.	A
		36.	A

II) Display count from 2 to 14

```

<?php
    for ($i = 2; $i <= 14; $i++) {
        echo $i . "<br>";
    }
?>

```

III) Create Chess Board in Php

```
<html>
<table width="400px" cellspacing="0px" cellpadding="0px"
border="1px">
<?php
For ($row = 1 ; $row <= 8 ; $row ++ )
{ echo '<tr>'; // new table row
For ($col = 1 ; $col <= 8 ; $col ++ )
{ $total = $row + $col ; // Sum of row and col indices
if ($total % 2 == 0)
{
echo "<td height=30px width=30px bgcolor=#FFFFFF";
</td>"; // if even, white background
}
else
{
echo "<td height=30px width=30px bgcolor=#000000";
</td>"; // if odd black background
}
}
echo "</tr>"; // End the table row
}
?>
</table>
</html>
```