



Exam : 1D0-430

Title : CIW Application Developer

Ver : 11-28-2008

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**QUESTION 1:**

Which choice best demonstrates how the print statement may be used to print HTML code?

- A. print HTML>>;
- B. print <HTML>;
- C. print ("HTML">;
- D. print ("HTML">;

Answer: B

---

**QUESTION 2:**

Which method is not effective for protecting server scripts?

- A. Assigning the cgi-bin directory read-only permissions.
- B. Running the Web server under a user account with few permissions.
- C. Using CGI wrapper scripts.
- D. Saving scripts with only .exe, .cgi or .pl extensions.

Answer: C

---

**QUESTION 3:**

Which one of the following statements allows for variable substitution?

- A. \$sql=qq{SELECT \* FROM MyDatabase WHERE state='\$state'};
- B. \$sql=q{SELECT \* FROM MyDatabase WHERE state='\$state'};
- C. \$sql=q{SELECT \* FROM MyDatabase WHERE state=\$state};
- D. \$sql=qq{SELECT \* FROM MyDatabase WHERE state=\$state};

Answer: A

---

**QUESTION 4:**

Which one of the following lists of special characters denotes a space character in pattern matching?

- A. \r \t \W \D
- B. \r \t \n \f
- C. \^ . \* +
- D. \s \D \W \f

Answer: B

**QUESTION 5:**

List context versus scalar context is determined by which one of the following?

- A. The compiler
- B. The debugger
- C. The interpreter
- D. The environment

Answer: A

---

**QUESTION 6:**

Which choice best demonstrates how to add a name-value pair to form data?

- A. `$object = append( name=>"state", value=>"New York");`
- B. `$object = add( -name=>"state", -value=>"New York");`
- C. `$object-> append( -name=> "state", -value=>"New York");`
- D. `4object ==> add( -name=>"state", -value=>"New York");`

Answer: C

---

**QUESTION 7:**

The file mode specifies which one of the following?

- A. The access permissions.
- B. The inode number.
- C. The file's owner.
- D. How the file is opened.

Answer: D

---

**QUESTION 8:**

The CGI.pm module can be used to perform which one of the following tasks?

- A. GET or POST data.
- B. Load external variables.
- C. Read large amounts of text into the script.
- D. Access environment variables.

Answer: D

---

**QUESTION 9:**

Given \$\_ = "alphabetais", consider the following substitution:  
s/a+.\*//greekto me/gi;  
What is the new value of \$\_ after this substitution?

- A. isgreetome
- B. ISGREEKTOME
- C. greetome
- D. alphabetais

Answer: D

---

**QUESTION 10:**

Which choice demonstrates the correct syntax for the DELETE command?

- A. DELETE MyDatabase WHERE VALUES state='Kentucky' AND color='blue'
- B. DELETE MyDatabase WHERE state='Kentucky' AND color='blue'
- C. DELETE FROM MyDatabase WHERE state='Kentucky' AND color='blue'
- D. DELETE state='Kentucky' AND color='blue' FROM MyDatabase

Answer: C

---

**QUESTION 11:**

Which one of the following statements will open the file /home/myfile and append data?

- A. open (INPUT "/home/myfile");
- B. open (INPUT, ">>/home/myfile");
- C. open (OUTPUT, ">/home/myfile");
- D. open (OUTPUT "/home/myfile");

Answer: B

---

**QUESTION 12:**

Which method is used in a Perl script to access the variables POSTed by an HTML form?

- A. prepare();
- B. param();
- C. header ();
- D. post();

Answer: B

---

**QUESTION 13:**

Which one of the following statements uses correct syntax?

- A. if ( \$day eq "today" ) print ( "current" );
- B. if ( \$day = "tomorrow" ) print ( "future" );
- C. if ( \$day eq "yesterday" ) {print ( "past" );}
- D. print ( "past" ) if { \$day eq "yesterday" }

Answer: C

---

**QUESTION 14:**

Which one of the following choices lists the four steps of interaction with a database?

- A. Connect, Read, Write, Disconnect
- B. Connect, Send a command, Write, Disconnect
- C. Connect, Query, Read/Write, Disconnect
- D. Connect, Send a command, Display results, Disconnect

Answer: D

---

**QUESTION 15:**

Which action will best prevent shell interpretation when using exec, eval, and system?

- A. Dividing each element of the command into separate parameters.
- B. Assigning the command to a variable before running the shell command.
- C. Using the param method.
- D. Enclosing the command in single quotes.

Answer: A

---

**QUESTION 16:**

What is the correct format of a SQL SELECT statement?

- A. SELECT fields FROM table WHERE conditions SORT attribute
- B. SELECT fields FROM table WHERE conditions SORT attribute DISPLAY device
- C. SELECT fields FROM table WHERE conditions ORDER BY attribute
- D. SELECT fields FROM table WHERE conditions DISPLAY device

Answer: C

---

**QUESTION 17:**

Which choice demonstrates the correct syntax for the INSERT command?

- A. INSERT VALUES EQUAL ('Kentucky', 'Blue') INTO MyDatabase
- B. INSERT INTO MyDatabase VALUES ('Kentucky', 'Blue')
- C. INSERT VALUES "Kentucky", "Blue") INTO MyDatabase
- D. INSERT INTO MyDatabase VALUES EQUAL ('Kentucky', 'Blue')

Answer: B

---

**QUESTION 18:**

Which one of the following statements will execute its associated statement 100 times?

- A. for (\$counter = 1; \$counter<100; \$counter++)
- B. for (\$counter = 1; \$counter<100; ++\$counter)
- C. for (\$counter = 1; \$counter<101; --\$counter)
- D. for (\$counter = 1; \$counter<101; \$counter++)

Answer: D

---

**QUESTION 19:**

Before allowing a user to submit data with a Web form, which of the following tasks should be performed?

- A. The data should be validated by the script.
- B. The data should be validated by the programmer.
- C. The data should be compared to valid data stored in a list.
- D. The data should be passed through the validate() method.

Answer: D

---

**QUESTION 20:**

Which choice best describes how to access individual elements of an array?

- A. Use an index starting with 1.
- B. Use an index starting with 0.
- C. Use a pointer.
- D. Use a key value.

Answer: B

---

**QUESTION 21:**

Which method is a hacker least likely to use when gathering information about a system?

- A. Passing commands to CGI scripts.

- B. Reading demo CGI scripts.
- C. Reading the password file.
- D. Exploiting server application software bugs.

Answer: C

---

**QUESTION 22:**

Which one of the following best demonstrates how to create tab-delimited output?

- A. `print OUTPUT param("state") . "\t" . param("capitol") . "\n";`
- B. `print OUTPUT, param("state") param("capitol") . "\n";`
- C. `print OUTPUT param("state"). "\tab" . param("capitol") . "\n";`
- D. `print OUTPUT. param("state") . "\t" . param("capitol") . "\n";`

Answer: D

---

**QUESTION 23:**

Consider the following code:

```
open(INFILE, "myfile");
```

Given this code, which one of the following choices demonstrates reading in scalar context?

- A. `$file = <INFILE>;`
- B. `$file < <INFILE>;`
- C. `%file = <INFILE>;`
- D. `@file <= <INFILE>;`

Answer: A

---

**QUESTION 24:**

Which one of the following choices best describes data tainting?

- A. Tainted data can be used by `eval`, `system`, or `exec`.
- B. Tainted data cannot be accessed by the script.
- C. Variables containing external data cannot be used outside the script.
- D. Data tainting is enabled using the `-D` switch.

Answer: C

---

**QUESTION 25:**

The International Organization for Standardization (ISO) created a standard for embedding information about the public key holder and the certificate issuer into a document.

Which format is used for this purpose?

- A. The Z.100 format
- B. The authentication format
- C. The X.ISO format
- D. The X.509 format

Answer: D

---

**QUESTION 26:**

Bubba wants to verify which interpreter version is currently in use. Which PHP built-in constant would allow him to return that value?

- A. PHP\_VERSION
- B. PHP\_VER\_DISPLAY
- C. PHP\_OS
- D. VERSION\_PHP

Answer: A

---

**QUESTION 27:**

Freyas boss asks her to create a visual model of the company's relational database. What should she create to show the overall structure of the database?

- A. A DQL schematic.
- B. A relational database charting graph.
- C. An object-oriented analysis and design schema.
- D. A database schema.

Answer: D

---

**QUESTION 28:**

Congo is reviewing some existing code to make the application run a little faster. What process is he performing?

- A. Code optimization
- B. Code speed range optimization (CSRO)
- C. Error handling
- D. Code washing

Answer: A

---

**QUESTION 29:**



When using ASP, which type of objects can define a directive to be executed against a data source?

- A. Command Objects
- B. ActiveX Data Objects
- C. Record Objects
- D. Property Objects

Answer: B

---

**QUESTION 30:**

Due to recent problems, Iduna is checking the data integrity of her company's database. She has found inconsistencies in the way some database tables relate to others. Which type of data integrity has been compromised?

- A. Referential integrity
- B. Entity integrity
- C. Script integrity
- D. Domain integrity

Answer: A

---

**QUESTION 31:**

Consider the following PHO script:

```
$userName = "DR Bill"
```

Which of the following operations will this code perform?

- A. It will print the string "DR Bill" in the screen.
- B. It will send the string "DR Bill" to a printer.
- C. It will initialize the variable \$userName by assigning a value to it.
- D. It will type cast \$username.

Answer: C

---

**QUESTION 32:**

In VBScript, which statement permits the programmer to use custom error-handling code in an ASP script?

- A. On Error Resume Next
- B. If Error Resume Then
- C. On Error Reset Next
- D. If Error Rest Then

Answer: A

---

**QUESTION 33:**

Consider the following ASP code:

```
<%  
pos = Instr(s, "")  
While pos > 0  
s = Mid(s, 1,pos) & "" & Mid(s,pos+1)  
pos = Instr(pos+2, s, "")  
Wend  
>%
```

What function does the 'while' statement perform in this code?

- A. It executes a statement or statements as long as a Boolean condition is true.
- B. It executes one of several groups of statements.
- C. It evaluates an expression or Boolean condition.
- D. It determines whether an expression is true or false.

Answer: A

---

**QUESTION 34:**

Which one of the following statements will open the file /etc/passwd for reading?

- A. open (PASSWD, "etc/passwd");
- B. open (<PASSWD>, "/etc/passwd");
- C. open (PASSWD, ">>/etc/passwd");
- D. open (<PASSWD>, ">/etc/passwd");

Answer: B

---

**QUESTION 35:**

Ann wrote the following ASP code:

```
<%  
For i=0 to rs.Fields.Count -1  
Response,Write(<td>  
S=Trim(cStr(rs.Fields (i).Name & ))  
Response,Write(<b>" & S & "</b>  
Response,Write(</td>  
Next  
>%
```

She is having difficulty debugging the program.

How should Ann rewrite the third line of code to correct the errors in that line?

- A. S=Trim.cStr.rs.Fields(i).Name & ""))

- B. S = Trim(cStr(rs.Fields(i).Name & ""))
- C. S = Trim(cStr(rs.Fields(i).Name))
- D. S = Trim(cStr(rs.Fields(i).Name & ))

Answer: C

---

**QUESTION 36:**

Mr. Bill is trying to correct the following ASP code:

```
<%  
If len(S)=0 Then(S)=' '  
If i=0 then  
Response.Write(' <a href = AspADO2.asp?'&'AUID=' & S & '>' & s & '</a>')  
else  
Reponse.Write(S)  
end if  
>%
```

How should Mr. Bill rewrite the first line to correct the errors in that line?

- A. If len(S) = 0 then (S) = " "
- B. If len(S)=0 Then (S)=' :'
- C. If len(S) = 0 Then S = " "
- D. If len(S) = 0 Then S =

Answer: C

---

**QUESTION 37:**

Consider the following ASP code:

```
<%  
If QuantityStatus = None Then  
ObjectContext.SetAbort  
Response.Write "Sorry, there is not sufficient quantity on hand to process your sale."  
Else  
ObjectContext.SetComplete  
Account = Request.Form("AccountIn")  
Salesupdate = CurrentSales.PostIt(AccountIn)  
End if  
>%
```

What function does the 'if' statement perform in this code?

- A. It executes one of several groups of statements.
- B. It determines whether an expression is true or false.
- C. It redirect the user to another page.
- D. It evaluates an expression or Boolean condition.

Answer: B

---

**QUESTION 38:**

Hans has been working on a project for this company for several months. Over time, the project cost have risen, and the size of the project has steadily grown.  
Hans's project is experiencing which of the following?

- A. Scope creep
- B. Overrun analysis
- C. Project acceleration
- D. Project cycle overload

Answer: A

---

**QUESTION 39:**

Where will the array index begin counting?

- A. The index will begin counting from 2.
- B. The index will begin counting from 1.
- C. The array index will default to 0.
- D. The array index will default to 3.

Answer: C

---

**QUESTION 40:**

Urban wants to create a component on his ASP pages.  
Which code should he use for the first line used to construct the component?

- A. Set DataConn = Server.CreateObject("ADODB.Connection")
- B. Set 1DataConn = Server.CreateObject("ADODB.Connection")
- C. Set \_DataConn = Server.CreateObject("ADODB.Connection")
- D. Select DataConn = Server.CreateObject ("ADODB.Connection")

Answer: A

---

**QUESTION 41:**

In her PHP code, Jenny changes a variable from a double to a string.  
What is the common term for this change?

- A. Variance
- B. Code casting

- C. Type casting
- D. Inheritance

Answer: C

---

**QUESTION 42:**

Which type of testing occurs when someone other than the developer tests the developer's code?

- A. Gray-box testing
- B. White-box testing
- C. Post-live testing
- D. Error handling

Answer: D

---

**QUESTION 43:**

Which type of software package is used to control a project's source files, ensuring that changes to code are properly tracked?

- A. Version-control software
- B. Project Management Software (PMS)
- C. Coding-control software
- D. Virtual management software

Answer: A

---

**QUESTION 44:**

Johan writes PHP code for an e-commerce site. His company's Web developers do not use double forward slashes ( // ) for single-line comments.

What other syntax can Johan use to show single-line comments?

- A. The \\*\ command
- B. A ^ notation
- C. A hash sign ( # )
- D. The <?php comment ?> command

Answer: C

---

**QUESTION 45:**

Consider the following code:

```
open( INPUT, "Chapter1");
```

Given this code, which one of the following choices demonstrates reading in list context?

- A. %file = <INPUT>;
- B. @file = <INPUT>;
- C. @%file < <INPUT>;
- D. \$file = <INPUT>;

Answer: B

---

**QUESTION 46:**

Consider the following script:

```
<%  
Function getFilePath()  
Dim lsPath, arPath  
lsPath = Request.ServerVariables("SCRIPT_NAME")  
arPath = Split(lsPath, "/")  
arPath(UBound(arPath, 1)) = ""  
GetFilePath = Join(arPath, "/")  
End Function  
>%
```

Why does this script not execute properly?

- A. The Private keyword should be used instead of Dim.
- B. The variable lsPath is declared and defined on the same line.
- C. The Public keyword should be used instead of Dim.
- D. The Dim keyword is not used properly.

Answer: B

---

**QUESTION 47:**

Consider the following ASP code:

```
<%  
dim MyArray()  
Redim MyArray(5)  
MyArray(0) = "hello"  
MyArray(1) = "greetings"  
MyArray(2) = "welcome"  
Application.Lock  
Application("StoredArray") = MyArray  
Application.Unlock  
Response.Redirect("file2.asp")  
>%
```

How many empty cells are in the array?

- A. Two empty cells
- B. One empty cell

- C. No empty cells
- D. Three empty cells

Answer: D

---

**QUESTION 48:**

Consider the following VBScript code:

```
<P><FONT COLOR="crimson" FACE="Arial" SIZE="4" >Hi </FONT></P>
<SCRIPT>
<!--
coloredfont.style.color = "ourcolor"
-->
</SCRIPT>
<SCRIPT TYPE="text/vbscript">
Sub coloredfont_onmouseover ()
coloredfont.style.color ="Green"
Sub
Sub coloredfont_onmouseou ()
coloredfont.style.color = "crimson"
END Sub
</SCRIPT>
```

What is wrong with this VBScript code?

- A. The script language is not specified.
- B. The two scripts must be made into one.
- C. The first Sub does not have an END statement
- D. \*\*MISSING\*\*

Answer: A

---

**QUESTION 49:**

Consider the following script:

```
<SCRIPT LANGUAGE=VBScript RUNAT = (SERVER)>
Function FileLastMod()
Dim loFs, lsFile, lsPath, loFile, ldLast
Set loFs = Server.CreateObject("Scripting.FileSystemObject")
lsFile = Request.ServerVariables("SCRIPT_NAME")
lsPath = Server.MapPath(lsFile)
Set loFile = loFs.GetFile(lsPath)
ldLast = loFile.DateLastModified
Set loFile = Nothing
Set loFs = Nothing
FileLastMod = CStr(FormatDateTime(ldLast, 2))
End Function
```

</SCRIPT>

Which one of the following corrections needs to be made?

A. The first line needs to be rewritten as:

<SCRIPT LANGUAGE=VBScript "RUNAT=SERVER">

B. The first line needs to be rewritten as:

<SCRIPT LANGUAGE=VBScript RUNAT='SERVER'>

C. The first line needs to be rewritten as:

<SCRIPT LANGUAGE=VBScript RUNAT=SERVER>

D. The first line needs to be rewritten as:

<SCRIPT LANGUAGE=VBScript RUNAT = "SERVER">

Answer: D

---

### **QUESTION 50:**

One of the default components of Active Server Pages is the ability to store and retrieve data from a database.

What is the name of this default component?

A. ActiveX Data Objects

B. SQL Data Objects

C. File System Objects

D. Oracle Data Objects

Answer: A

---

### **QUESTION 51:**

Given the following ASP code:

<&

Function myFunction()

GenPass=strTemp

Dim fs

Dim strTemp

Set fs = CreateObject("Scripting.FileSystemObject")

strTemp = fs.GetBaseName(fs.GetTempName)

strTemp = Right(strTemp, Len(strTemp) -3

Set fs = Nothing

End Function

%>

Which of the following changes will make this code function properly?

A. End each line of code with a semicolon.

B. Assign a variable to the function name when it is called.

C. Properly use the Dim keyword.



D. Use the Public keyword instead of the Dim keyword.

Answer: B

---

**QUESTION 52:**

One of the properties of the Response object indicates a date and time when the browser should remove the page from cache and reload.

What is the name of this property?

- A. Clear
- B. ExpiresAbsolute
- C. Status
- D. CacheControl

Answer: B

---

**QUESTION 53:**

Your Web server is using the default delimiter for ASP coding.

ASP scripting in your script files should be indicated by which set of delimiters?

- A. < >
- B. <% %>
- C. <& &>
- D. <{ }>

Answer: B

---

**QUESTION 54:**

One of the methods of the Response object sends all information in the buffer to the user.

What is the name of this method?

- A. Flush
- B. Write
- C. BinaryWrite
- D. Status

Answer: A

---

**QUESTION 55:**

Mario uses the following PHP function to open his text file:

```
($file 1 = fopen("MarioDATA.txt", "r"));
```

In what mode will the file be opened?

- A. Read and write mode
- B. Read-only mode
- C. Write-only mode
- D. Appending and reading mode

Answer: B

---

**QUESTION 56:**

The name of an associative array or hash begins with which character?

- A. %
- B. #
- C. \$
- D. &

Answer: A

---

**QUESTION 57:**

Consider the following code:

```
<%  
DimloConn, lsSQL, loRs  
Set loConn = CreateObject("ADODB.Connection")  
loConn.Open("DSN=myDSN;UID=something;PWD=Something;")  
lsSQL = "INSERT INTO tMembers (MemberName) VALUES ('Manohar');" &  
"SELECT @@IDENTITY AS NewID;"  
Set loRs = loConn.Execute(lsSQL)  
Set loRs = loRs.NextRecordSet()  
IIID = loRs.Fields("NewID").value  
loConn.Close()  
Set loConn = Nothing  
>%
```

Why is the ActiveX object being used?

- A. To access the client so a new record can be added.
- B. To manipulate the database.
- C. To represent a table in the database so a new record can be added.
- D. To open a link with the database so a new record can be added.

Answer: D

---

**QUESTION 58:**

Which one of the following variables is used if no variable was specified in a pattern match, substitution

operator or print statement?

- A. \$nul
- B. \$#
- C. \$\_
- D. \$\*

Answer: C

---

**QUESTION 59:**

Which one of the following choices best describes CGI wrappers?

- A. They are file permissions filters.
- B. They prevent unauthorized access to the script.
- C. They disguise the location and extension of the script.
- D. They cause scripts to run with the permissions of the creator.

Answer: D

---

**QUESTION 60:**

Which one of the following choices best describes how to load a list of database tables into an array?

- A. @array1=DB->connect("dbi:ODBC:MyDatabase");
- B. \$tables=@dbh->tables;
- C. \$tables=%dbh->tables;
- D. @tables=\$dbh->tables;

Answer: A

---

**QUESTION 61:**

You are configuring PHP4. Refer to the codes below:

any text on a line after an unquoted semicolon (;) is ignored

[php] ; section markers (text within square brackets) are also ignored

; Boolean values can be set to either:

; true, on, yes

; or false, off, no, none

register\_globals = off

magic\_quotes\_gpc = yes

; you can enclose strings in double-quotes

include\_path = ".:usr/local/lib/php"

;

backslashes are treated the same as any other character

include\_path = ".:c:\php\lib"

What file contains the above codes?

- A. php4.ini
- B. php.sys
- C. phplib.ini
- D. php.ini
- E. php.lib
- F. None of the above.

Answer: D

The configuration file (called php3.ini in PHP 3.0, and simply php.ini as of PHP 4.0) is read when PHP starts up. For the server module versions of PHP, this happens only once when the web server is started. For the CGI version, it happens on every invocation.

---

### **QUESTION 62:**

You are running PHP 4.0 with Apache. Which of the following are the valid Apache directives for changing the PHP configuration from within the Apache configuration file (Choose all that apply)?

- A. php\_value
- B. php\_flag
- C. php\_admin\_value
- D. php\_admin\_flag

Answer: A,B,C,D

With PHP 4.0, there are several Apache directives that allow you to change the PHP configuration from within the Apache configuration file itself.

**php\_value** name value

This sets the value of the specified variable.

**php\_flag** name on|off

This is used to set a Boolean configuration option.

**php\_admin\_value** name value

This sets the value of the specified variable. "Admin" configuration settings can only be set from within the main Apache configuration files, and not from .htaccess files.

**php\_admin\_flag** name on|off

This is used to set a Boolean configuration option.

---

### **QUESTION 63:**

You are configuring PHP4. You want to use the engine directive. Which of the following correctly describe this directive (Choose two)?

- A. it is really only useful in the non-Apache module version of PHP.
- B. it is used by sites that would like to turn PHP parsing on and off on a per-directory basis.
- C. it is used by sites that would like to turn PHP parsing on and off on a per-virtual server basis.
- D. it indicates the name of file where script errors should be logged.

E. it sets the error reporting level.

Answer: B,C

This directive is really only useful in the Apache module version of PHP. It is used by sites that would like to turn PHP parsing on and off on a per-directory or per-virtual server basis. By putting engine off in the appropriate places in the httpd.conf file, PHP can be enabled or disabled.

---

**QUESTION 64:**

Which of the following sets of tags can be used to denote blocks of PHP code and are always available (Choose two)?

- A. `<?php. . ?>`
- B. `<script language="php">. . </script>`
- C. `<!-php !>`
- D. `<^php ??^>`
- E. `<php$ ?.. >`
- F. None of the above.

Answer: A,B

There are four sets of tags which can be used to denote blocks of PHP code. Of these, only two (`<?php. . ?>` and `<script language="php">. . </script>`) are always available; the others can be turned on or off from the php.ini configuration file. While the short-form tags and ASP-style tags may be convenient, they are not as portable as the longer versions. Also, if you intend to embed PHP code in XML or XHTML, you will need to use the `<?php. . ?>` form to conform to the XML.

---

**QUESTION 65:**

What directive of PHP4 allows the use of ASP style tags in your PHP codes?

- A. `asp_tag_style`
- B. `asp_tags`
- C. `asp_tag`
- D. `asptags`
- E. `asptag`
- F. None of the above.

Answer: B

This directive enables the use of ASP-like `<% %>` tags in addition to the usual `<?php ?>` tags. This includes the variable-value printing shorthand of `<%= $value %>`.

---

**QUESTION 66:**

In PHP, statements are effectively terminated with (Choose two):

- A. a semicolon

- B. the closing tag
- C. the comment tag
- D. a colon
- E. a foot stop

Answer: A,B

Instructions are separated the same as in C or Perl - terminate each statement with a semicolon.

---

**QUESTION 67:**

PHP supports which of the following comment styles? (Choose three)?

- A. ANSI
- B. C
- C. C++
- D. Unix shell
- E. SQL

Answer: B,C,D

PHP supports 'C', 'C++' and Unix shell-style comments.

---

**QUESTION 68:**

PHP supports how many scalar primitive types?

- A. two
- B. three
- C. four
- D. five
- E. six
- F. seven

Answer: C

PHP supports eight primitive types.

Four scalar types:

Boolean

Integer

floating-point number (float)

string

Two compound types:

Array

Object

And finally two special types:

Resource

NULL

**QUESTION 69:**

PHP supports how many compound primitive types?

- A. two
- B. three
- C. four
- D. five
- E. six
- F. seven

Answer: A

PHP supports eight primitive types.

Four scalar types:

Boolean

Integer

floating-point number (float)

string

Two compound types:

Array

Object

And finally two special types:

Resource

NULL

---

**QUESTION 70:**

In PHP, the type of a variable is usually set:

- A. at design time
- B. at runtime
- C. at compile time
- D. at installation

Answer: B

The type of a variable is usually not set by the programmer; rather, it is decided at runtime by PHP depending on the context in which that variable is used.

---

**QUESTION 71:**

In PHP, you may force a variable to be converted to a certain type by which of the following means (Choose two)?

- A. wrapping
- B. pointer
- C. casting

D. the settype() function

Answer: C,D

If you would like to force a variable to be converted to a certain type, you may either cast the variable or use the settype() function on it.

---

**QUESTION 72:**

In the PHP do..while structure, the value of the expression is checked under which of the following conditions?

- A. each time at the beginning of the loop
- B. each time at the end of the loop
- C. each time in the middle of the loop
- D. it does not evaluate anything itself
- E. None of the above.

Answer: B

do..while loops are very similar to while loops, except the truth expression is checked at the end of each iteration instead of in the beginning. The main difference from regular while loops is that the first iteration of a do..while loop is guaranteed to run (the truth expression is only checked at the end of the iteration), whereas it's may not necessarily run with a regular while loop (the truth expression is checked at the beginning of each iteration, if it evaluates to FALSE right from the beginning, the loop execution would end immediately).

---

**QUESTION 73:**

In PHP, a conversion from array to string will result in:

- A. Array
- B. Object
- C. String
- D. Char
- E. Int

Answer: A

When casting or forcing a conversion from array to string, the result will be the word Array. When casting or forcing a conversion from object to string, the result will be the word Object.

---

**QUESTION 74:**

In PHP, which of the following represents the concatenation operator?

- A. .
- B. <>
- C. =
- D. ==



- E. :=
- F. -
- G. None of the above.

Answer: A

There are two string operators. The first is the concatenation operator ('.'), which returns the concatenation of its right and left arguments. The second is the concatenating assignment operator ('.='), which appends the argument on the right side to the argument on the left side.

---

#### **QUESTION 75:**

In PHP, which of the following represents the concatenating assignment operator?

- A. .
- B. <>
- C. =
- D. ==
- E. :=
- F. .=
- G. -
- H. None of the above.

Answer: F

There are two string operators. The first is the concatenation operator ('.'), which returns the concatenation of its right and left arguments. The second is the concatenating assignment operator ('.='), which appends the argument on the right side to the argument on the left side.

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#### **QUESTION 76:**

In PHP, a statement can be which of the following (Choose all that apply)?

- A. assignment
- B. function call
- C. loop
- D. conditional statement
- E. empty statement

Answer: A,B,C,D,E

Any PHP script is built out of a series of statements. A statement can be an assignment, a function call, a loop, a conditional statement or even a statement that does nothing (an empty statement). Statements usually end with a semicolon. In addition, statements can be grouped into a statement-group by encapsulating a group of statements with curly braces. A statement-group is a statement by itself as well.

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#### **QUESTION 77:**

In PHP, what can you use to extend an if statement to execute a statement in case the expression in the if

statement is evaluated to FALSE (Choose two)?

- A. else
- B. elseif
- C. ifelse
- D. or
- E. doif
- F. doelse

Answer: A,B

Often you'd want to execute a statement if a certain condition is met, and a different statement if the condition is not met. This is what else is for. else extends an if statement to execute a statement in case the expression in the if statement evaluates to FALSE. elseif, as its name suggests, is a combination of if and else. Like else, it extends an if statement to execute a different statement in case the original if expression evaluates to FALSE. However, unlike else, it will execute that alternative expression only if the elseif conditional expression evaluates to TRUE.

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**QUESTION 78:**

In PHP, which of the following is NOT a valid control structures (Choose two)?

- A. if
- B. while
- C. for
- D. foreach
- E. switch
- F. as
- G. asif

Answer: F,G

PHP offers an alternative syntax for some of its control structures; namely, if, while, for, foreach, and switch. In each case, the basic form of the alternate syntax is to change the opening brace to a colon (:) and the closing brace to endif;, endwhile;, endfor;, endforeach;, or endswitch;, respectively.

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**QUESTION 79:**

In the PHP while statement, the value of the expression is checked under which of the following conditions?

- A. each time at the beginning of the loop
- B. each time at the end of the loop
- C. each time in the middle of the loop
- D. it does not evaluate anything itself
- E. None of the above.

Answer: A

The meaning of a while statement is simple. It tells PHP to execute the nested statement(s) repeatedly, as long as the while expression evaluates to TRUE. The value of the expression is checked each time at the beginning of the loop, so even if this value changes during the execution of the nested statement(s), execution will not stop until the end of the iteration (each time PHP runs the statements in the loop is one iteration). Sometimes, if the while expression evaluates to FALSE from the very beginning, the nested statement(s) won't even be run once.