

1. `<?= strtotime("january 1, 1901"); ?>`

What will be the output of the above PHP script if the older versions of glibc are present in the operating system?

A) 14345

B) -1

C) 12365

D) 0

2. Consider the following script:

```
<?= date("M-d-Y", mktime(0, 0, 0, 12, 32, 1995));
```

What will be the output of the above script?

A) Jan-01-1996

B) Date out of range error

C) Fatal error

D) Jan-01-1995

3. John works as a Website Developer for PHPWEB Inc. He is using a Windows operating system and is also working on PHP engine 7.1. He develops the following script:

```
<?= date("M-d-Y", mktime(0, 0, 0, 12, 32, 1965));
```

What will be the output of the above PHP script?

A) Date out of range error

B) Jan-01-1964

C) -1 and warning

D) Jan-01-1966

4. Assume that today is January 8th, 2013, 5:16:18 pm in MST time zone.

```
<?php echo date('l \t\h\e jS');
```

A) Tuesday the 8th

B) it is the 8th day

C) January 8, 2013, 5:16 pm

D) 01.08.13

5. Which of the following functions returns current Unix timestamp?

- A) date()
- B) strtotime()
- C) time()
- D) localtime()

6. Which of the following functions is used to set whether to use the SOAP error handler?

- A) error_handler
- B) use_soap_error_handler
- C) soap_error_handler
- D) is_soap_fault

7. Which of the following is used to retrieve the namespaces used in an XML document from a SimpleXMLElement object?

- A) getName()
- B) getElement()
- C) getNamespaces()
- D) getDefined()

8. Which of the following functions in SimpleXML can be used to return an iterator containing a list of all subnodes of the current node?

- A) children()
- B) asXML()
- C) attributes()
- D) getName()

9. Which of the following are the methods used for producing web services?

- A) XML-RPC
- B) SOAP
- C) DCOM
- D) REST

10. What will be the output of the following PHP script?

```
$dom = new DOMDocument();  
$dom->load('book.xml');  
$a = $dom->documentElement;  
print_r($a);
```

- A) It will display the XML code of the XML file.
- B) It will display the root element of the XML file.
- C) It will display the contents of the XML file.
- D) It will throw an error.

11. Fill in the Blank with the appropriate method name. The _____ is used to import the SimpleXML objects for use with DOM. *Exact matching is required.

- A) dom_import_simplexml
- B) import_simplexml
- C) dom_simplexml_import
- D) load

12. Which of the following is used to retrieve the root element from an XML file?

- A) XMLReader::close()
- B) XMLReader::expand()
- C) \$dom->documentElement
- D) XMLReader::getAttribute()

13. Which of the following is used to retrieve the name of an XML element from a SimpleXMLElement object?

- A) getName()
- B) getDefined()
- C) getNamespaces()
- D) getCall()

14. Consider the following script:

```
echo strtotime("january 1, 1901");
```

What will be the output of the above PHP script if older versions of glibc are present in the operating system?

- A) False
- B) 1435

15. Which of the following is used to retrieve the namespaces declared in an XML document from a SimpleXMLElement object?

- A) children()
- B) getNamespaces()
- C) getName()
- D) getDocNamespaces()

16. Which of the following functions will output the current time in the 08:26 am format? Each correct answer represents a complete solution. Choose all that apply.

- A) print date('H:i a');
- B) print strftime('%l:%M %p');
- C) print date('G:i a');
- D) print date('Y:i a');

17. Which of the following protocols is normally used by Webservices?

- A) POP3
- B) FTP
- C) HTTP
- D) SFTP

18. Which of the following functions can you use to add data? Each correct answer represents a complete solution.
Choose all that apply.

- A) DomNode::cloneNode()
- B) DomElement::setAttribute()
- C) DomNode::insertBefore()
- D) DomNode::appendChild()

19. Which of the following functions sets up start and end element handlers?

- A) xml_set_element_handler()
- B) xml_set_object()
- C) xml_parse_into_struct()
- D) xml_parser_create_ns()

20. Which function is used to set up start and end element handlers?

- A) xml_get_current_line_number()
- B) xml_set_element_handler()
- C) xml_parser_create()
- D) xml_get_current_column_number()

21. What code snippet will you use at line number four (4) in the code snippet given below?

```
$client = new SoapClient("any.wsdl", array('exceptions' => 0));  
$result = $client->SomeFunction();  
if (?????) {  
    trigger_error("SOAP Fault: (faultcode: {$result->faultcode}, faultstring: {$result->faultstring})", E_USER_ERROR);  
}
```

- A) is_soap_fault(\$result)
- B) use_soap_fault_handler(\$result)
- C) is_soap_error_handler(\$result)
- D) use_soap_error_handler(\$result)

22. All of the following are the pre-defined entities except for which one?

- A) <
- B) &
- C) ;
- D) >

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

```
$dom = new DOMDocument();  
$dom->load('book.xml');  
$a = $dom->documentElement;  
print_r($a);
```

- A) It will display the contents of the XML file.
- B) It will display the root element of the XML file.
- C) It will display the XML code of the XML file.
- D) It will throw an error.

24. Which of the following is an XML protocol that implements the communication between one to another machine, including the publishing, finding, binding, and calling of a Webservice?

- A) REST
- B) SOAP
- C) HTTP
- D) POP3

25. Which of the following was not a built-in terminology before PHP5?

- A) SOAP
- B) XML
- C) XSL
- D) CURL

26. Which of the following functions returns an XML string based on SimpleXML element?

- A) xml_error_string()
- B) xml_get_current_column_number()
- C) asXML()
- D) xml_get_current_byte_index()

27. Fill in the blank with the appropriate function name. The _____ function is used to return the current time measured in the number of seconds since the

Unix Epoch (January 1, 1970, 00:00:00 GMT). *Matching is case-insensitive.

- A) date
- B) time
- C) strtotime
- D) timefromdate

28. You have given the following XML data in the tasks.XML file:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
```

```
<tasklist>
```

```
<note>
```

```
<tasks>Validate data</tasks>
```

```
<details>String Validation</details>
```

```
</note>
```

```
<note>
```

```
<tasks>Secure data</tasks>
```

```
<details>Encryption</details>
```

```
</note>
```

```
</tasklist>
```

Now, you run the following PHP script:

```
```php
$objDOM = new DOMDocument();
$objDOM->load("tasks.xml");
$note = $objDOM->getElementsByTagName("note");
foreach($note as $value) {
 $tasks = $value->getElementsByTagName("tasks");
 $task = $tasks->item(0)->nodeValue;
 $details = $value->getElementsByTagName("details");
 $detail = $details->item(0)->nodeValue;
 echo "$task :: $detail ";
}
```
```

What should be displayed when this script is executed?

- A) The contents of every tasks and details nodes
- B) The XML contents of the whole XML document
- C) The XML of whole XML document
- D) The XML of every tasks and details nodes

29. Which of the following functions will you use to create a new DomElement node?

Each correct answer represents a complete solution. Choose three.

- A) DomNode::cloneNode()
- B) DomDocument::createElement()
- C) DomDocument::createElementNS()
- D) DomDocument::createTextNode()

30. Fill in the blank with the appropriate function name. The _____ function is used to decode a json encoded string/array.

- A) json_encode()
- B) json_decode()
- C) xml_decode()
- D) join()

31. Which of the following is a valid SOAP client call?

- A) \$client = new SoapClient("any.wsdl");
- B) \$client = new SoapClient;
- C) \$client = new SoapClient(null, array());
- D) \$client => SoapClient = "any.wsdl";

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

```
echo strtotime("24:00");
```

- A) something like: 1357862400
- B) True
- C) False
- D) Script will return an error message.

33. Consider the following XML file:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>

<!DOCTYPE html

  PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"

    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">

  <head>

    <title> SimpleXML Example</title>

  </head>

  <body>

    <h1>Please go <a href="http://www.ucertify.com">http://www.ucertify.com</a></h1>

  </body>

</html>
```

Which of the following statements will display the HREF attribute on the anchor tag if the SimpleXML object is \$sxml?

- A) \$sxml->body->h1->a<href>
- B) \$sxml->body->h1->a->href
- C) \$sxml->body->h1->a['href']
- D) \$sxml->h1->a->href

34. Which of the following protocols is used to standardize the description of Web services so providers and requesters are speaking the same language?

- A) UDDI
- B) WSDL
- C) SOAP
- D) HTTP

35. Which of the following retrieves the child nodes of a specified XML node?

- A) getNamespaces()
- B) getDocNamespaces()
- C) getName()
- D) children()

36. Which of the following function is used to parse XML data into an array structure?

- A) xml_set_external_entity_ref_handler()
- B) xml_set_object()
- C) xml_parse_into_struct()
- D) xml_set_processing_instruction_handler()

37. Which function is used to allow a parser to be used within an object?

- A) xml_set_object()
- B) xml_parse_into_struct()
- C) xml_parser_set_option()
- D) xml_set_character_data_handler()

38. All of the following are the advantages of Webservice except for which one?

- A) It provides potential SOAP extension.
- B) It provides OOPS support.
- C) It provides CURL support.
- D) It provides MXML support.

39. Fill in the blank with the appropriate function name. The _____ function is used to encode a string/array into a json encoded string.

- A) json_decode()
- B) json_encode()
- C) encode()
- D) decode()

40. Which of the following is used to create an XML parser with namespace support?

- A) xml_parser_create_ns()
- B) xml_get_current_column_number()
- C) xml_get_current_byte_index()
- D) xml_get_current_line_number()

41. You have been given the following code snippet:

```
<?php
$string = <<<XML

<?xml version="1.0" encoding="ISO-8859-1"?>

<email>

<to>[email protected]/* 
*/!function(t,e,r,n,c,a,p){try{t=document.currentScript||function(){for(t=document.getElementsByTagName('script'),e=t.length;e--;)if(t[e].getAttribute('data-cfhash'))return t[e]}();if(t&amp;&amp;(c=t.previousSibling)){p=t.parentNode;if(a=c.getAttribute('data-cfemail')){for(e='',r='0x'+a.substr(0,2)|0,n=2;a.length-n;n+=2)e+='%'+('0'+('0x'+a.substr(n,2)^r).toString(16)).slice(-2);p.replaceChild(document.createTextNode(decodeURIComponent(e)),c)}p.removeChild(t)}}catch(u){}}()/* ]]&gt; */&lt;/to&gt;

&lt;from&gt;[email protected]/* <![CDATA[
*/!function(t,e,r,n,c,a,p){try{t=document.currentScript||function(){for(t=document.getElementsByTagName('script'),e=t.length;e--;)if(t[e].getAttribute('data-cfhash'))return t[e]}();if(t&amp;&amp;(c=t.previousSibling)){p=t.parentNode;if(a=c.getAttribute('data-cfemail')){for(e='',r='0x'+a.substr(0,2)|0,n=2;a.length-n;n+=2)e+='%'+('0'+('0x'+a.substr(n,2)^r).toString(16)).slice(-2);p.replaceChild(document.createTextNode(decodeURIComponent(e)),c)}p.removeChild(t)}}catch(u){}}()/* ]]&gt; */&lt;/from&gt;

&lt;heading&gt;Technical issue in Linux OS&lt;/heading&gt;

&lt;body&gt;There is a technical issue in my Linux system. Please Fix it. &lt;/body&gt;

&lt;/email&gt;

XML;</pre>
</div>
<div data-bbox="55 571 624 586" data-label="Text">
<p>Which of the following code snippets will you write to print the XML content?</p>
</div>
<div data-bbox="55 615 467 697" data-label="List-Group">
<ul style="list-style-type: none;">
<li>A) $xml = load_XML($string); print_r($xml);</li>
<li>B) $xml = XML_string($string); print_r($xml);</li>
<li>C) $xml = simplexml_load_string($string); print_r($xml);</li>
<li>D) $xml = simplexml_string($string); print_r($xml);</li>
</ul>
</div>
<div data-bbox="84 727 650 742" data-label="Text">
<p>42. What is the work of simplexml_import_dom() in the following PHP code?</p>
</div>
<div data-bbox="55 750 479 830" data-label="Text">
<pre>$dom = new domDocument;
$dom-&gt;loadXML('&lt;email&gt;&lt;from&gt;John&lt;/from&gt;&lt;/email&gt;');
$xml = simplexml_import_dom($dom);
echo $xml-&gt;from;</pre>
</div>
<div data-bbox="55 860 513 942" data-label="List-Group">
<ul style="list-style-type: none;">
<li>A) It gets a SimpleXMLElement object from a DOM node.</li>
<li>B) It gets a SimpleXMLElement object from an XML document.</li>
<li>C) It gets the namespaces from XML data.</li>
<li>D) It gets the name of a SimpleXML element.</li>
</ul>
</div>
```

43. Which of the following could be used to add a book to an existing SimpleXMLElement object stored in \$library representing a collection of books?

- A) \$library->addChild(new SimpleXMLElement("title", "Best book ever"))
- B) \$library->children()->add("title", "Best book ever")
- C) \$library->xpath(new SimpleXMLElement("title", "Best book ever"))
- D) \$library->addChild("title", "Best book ever")

44. How would you parse a web page at http://example.com/page.php as XML?

- A) You can't; it must be well-formed XML.
- B) DOMDocument::loadHTML(file_get_contents('http://example.com/page.php'));
- C) DOMDocument::loadFile('http://example.com/page.php');
- D) simple_xml_load_html('http://example.com/page.php');

45. Given a class called SoapFunctions and a working WSDL for the methods in that class, what needs to be added to the code below to serve those methods over SOAP?

```
require("SoapFunctions.php");  
  
$s = new SoapServer($wsdl);  
  
$s->handle();
```

- A) \$s->setHandler("SoapFunctions");
- B) set_soap_class(\$s, "SoapFunctions");
- C) \$s->setClass("SoapFunctions");
- D) set_soap_handler(\$s, "SoapFunctions");

46. How would you change a SimpleXMLElement object into a DOMElement? (choose two)

- A) convert SimpleXMLElement to XML, then create a DOMElement from the XML
- B) using simplexml_export_dom()
- C) using dom_import_simplexml()
- D) SimpleXMLElement::asDom()

47. Consider the following script:

```
$dom = new DOMDocument();  
$dom->load('0138.xml');
```

```
foreach($dom->documentElement->childNodes as $child) {  
    if(($child->nodeType == XML_ELEMENT_NODE) && $child->nodeName == "item") {  
        foreach($child->childNodes as $item) {  
            if(($item->nodeType == XML_ELEMENT_NODE) && ($item->nodeName == "title")) {
```

```

        print "{$item->firstChild->data}\n";
    }
}
}
}

```

Assuming the referenced XML document exists and matches the parsing logic, what should be displayed when this script is executed?

- A) The contents of every 'title' node which exists under an 'item' node
- B) None of the above
- C) The XML of each 'title' node
- D) The XML of each 'item' node

48. Given the following XML document in a SimpleXML object:

```

<?xml version="1.0" encoding="ISO-8859-1" ?>

<!DOCTYPE html

    PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"

    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">

    <head>

        <title>XML Example</title>

    </head>

    <body>

        <p>

            Moved to &lt;<a href="http://example.org/">http://www.example.org/</a>.&gt;

        <br/>

        </p>

    </body>

</html>

```

Select the proper statement below which will display the HREF attribute of the anchor tag.

- A) `$sxe->body->p[0]->a[1]['href']`
- B) `$sxe->body->p->a->href`
- C) `$sxe['body']['p'][0]['a']['href']`
- D) `$sxe->body->p->a['href']`

49. What does the following PHP script accomplish?

```

$dom = new DomDocument();

$dom->load('test.xml');

$body = $dom->documentElement->getElementsByTagName('body')->item(0);

```

```
echo $body->getAttributeNode('background')->value. "\n";
```

- A) Displays the content of every <body> node
- B) Displays the "background" attribute for the first node in the XML document named "body"
- C) Displays the content of every node that has a "background" node
- D) Displays the "background" attribute of every node named "body"

50. SimpleXML objects can be created from what types of data sources?

- A) A String
- B) A DomDocument object
- C) A URI
- D) An array

51. What XML technology is used when you mix two different document types in a single XML document?

- A) Namespaces
- B) Validators
- C) DTD
- D) Transformations

52. When working with SimpleXML in PHP, the four basic rules on how the XML document is accessed are which of the following?

- A) converting an element to a string denotes text data
- B) Non-numeric indexes are element attributes
- C) Numeric indexes are elements
- D) Properties denote element iterators

53. Event-based XML parsing is an example of which parsing model?

- A) SAX
- B) DOM

54. Consider the following simple PHP script:

```
$dom = new DomDocument();  
$dom->load('test.xml');  
$xpath = new DomXPath($dom);  
$nodes = $xpath->query('??????', $dom->documentElement);  
echo $nodes->item(0)->getAttributeNode('bgcolor')->value . "\n";
```

What XPath query should go in the ?????? above to display the "bgcolor" attribute of the first "body" node in the XML document?

- A) `"/body[0]/text"`
- B) `"*[local-name()='body']"`
- C) `"/body/body[0]"`
- D) `"name='body'"`

55. PHP 5 supports which of the following XML parsing methods?

- A) SAX
- B) DOM
- C) XPath
- D) XML to Object mapping

56. Creating new nodes in XML documents using PHP can be done using which XML/PHP 5 technologies?

- A) SimpleXML
- B) DOM
- C) XQuery
- D) XPath

57. Consider the following PHP script fragment:

```
$title = $dom->createElement('title');  
$node = ?????
```

```
$title->appendChild($node);  
$head->appendChild($title);
```

What should ????? be replaced with to add a `<title>` node with the value of Hello, World!

- A) `$dom->appendTextNode($title, "Hello, World!");`
- B) `$dom->createTextNode("Hello, World");`
- C) `$dom->appendElement($title, "text", "Hello, world!");`
- D) `$dom->createElement('text', "Hello, World");`

58. What is the primary benefit of a SAX-based XML parser compared to DOM?

- A) Faster than DOM methods
- B) Requires less memory than DOM
- C) Easier to develop parsers
- D) All of the above

59. Consider the following script:

```
$dom = new DOMDocument();
```

```
$dom->load('0138.xml');
```

```
foreach ($dom->documentElement->childNodes as $child) {  
    if (($child->nodeType == XML_ELEMENT_NODE) && $child->nodeName == "item") {  
        foreach ($child->childNodes as $item) {  
            if (($item->nodeType == XML_ELEMENT_NODE) && ($item->nodeName == "title")) {  
                print "$item->firstChild->data\n";  
            }  
        }  
    }  
}
```

Assuming the referenced XML document exists and matches the parsing logic, what should be displayed when this script is executed?

- A) The XML of each 'title' node
- B) The XML of each 'item' node
- C) "Title" for every title node in the document
- D) None of the above

60. The following is a common XML structure used in service oriented architectures, what does it represent?

```
<?xml version="1.0"?>  
  
<methodCall>  
  
  <methodName>myMethod</methodName>  
  
  <params>  
  
    <param>  
  
      <value><string>HI!</string></value>  
  
    </param>  
  
  </params>  
  
</methodCall>
```

- A) None of the above
- B) A fragment of a complete SOAP request
- C) XML-RPC
- D) SOAP

61. Consider the following example XML document:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>  
  
<!DOCTYPE html
```

```
PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">

<head>

<title>XML Example</title>

</head>

<body>

<p>

Moved to <<a href="http://example.org/">http://www.example.org/</a>.>

<br>

</p>

</body>

</html>
```

What is wrong with this document, and how can it be corrected?

- A) All special XML characters must be represented as entities within the content of a node
- B) All tags must be closed
- C) The document is completely valid
- D) You cannot specify a namespace for the <html> attribute

62. When embedding PHP into XML documents, what must you ensure is true in order for things to function properly?

- A) That your XML documents are well-formed
- B) Disabling of the short_tags PHP.ini directive
- C) Enabling the asp_tags PHP.ini directive
- D) That you have XPath support enabled in PHP 5

63. What is the output of the code below ?

```
$now = new DateTime();
```

```
$now2 = new DateTime();
```

```
$ago = new DateInterval('P4Y10M3W');
```

```
$ago2 = new DateInterval('P4Y10M2W7D');
```

```
$then = $now->sub($ago);
```

```
$date1 = $then->format('Y-m-d');
```

```
$then2 = $now2->sub($ago2);
```

```
$date2 = $then2->format('Y-m-d');
```

```
var_dump ($date1 === $date2);
```

A) bool(true) - because the two interval definitions are equivalent.

B) bool(false) - because the '2W' part in \$ago2 will get overwritten by the '7D' part and therefor the second date interval will be 2 Weeks shorter than the first interval.

C) bool(false) and the script will throw a notice because the date/time interval notation in the \$ago2 variable is wrong.

D) an error

64. <?n dealing with cloned objects in PHP, which of the following statements are true ?

A)

```
<?php
```

```
// As of PHP 7.0.0, members of cloned objects can be accessed in a single expression without any assignments... Li?>ke this:
```

```
$dateTime = new DateTime();
```

```
echo (clone $dateTime)->format('Y');
```

```
?>
```

B) The programmer can make use of the __clone() magic method to stop an object from being cloned.

C) The __clone() magic method of a class is called before the actual cloning of the object occurs allowing the programmer to alter values before the cloning process begins.

D) ALL

65. What will happen when you run the code below ?

```
function somefunc(DOMDocument $param) {
```

```
    if($param instanceof DOMDocument)
```

```
        return 0;
```

```
    else
```

```
        return 1;
```

```
}
```

```
echo somefunc('abcd');
```

A) Because the parameter passed to the function is not an instance of the DOMDocument class the function will return 1

B) Because the parameter passed to the function is not an instance of the DOMDocument class the script will throw a Fatal Error

C) Because the parameter passed to the function is a string the function will return 0

D) It is not a php 7 valid code