

# Magento M70-101



## Magento Certified Developer Exam

Version: 4.0

**QUESTION NO: 1**

For an attribute to be loaded on a catalog/product object, which two of the following conditions must be satisfied? (Choose two)

- A.** The eav\_attribute table must contain a row defining the attribute's properties and its entity type.
- B.** The attribute must have a backend model configured in the XML config.
- C.** The attribute must be part of the attribute set pertaining to the object being loaded.
- D.** There must be a record of the attribute on the catalog\_product\_super\_attribute table.
- E.** There must be a column added to the catalog\_product\_entity table.

**Answer: A,C**

**Explanation:**

**QUESTION NO: 2**

What class does an adminhtml grid directly extend?

- A.** Mage\_Adminhtml\_Block\_Widget
- B.** Varien\_Data\_Grid
- C.** Varien\_Data\_Widget
- D.** Mage\_Adminhtml\_Block\_Template

**Answer: A**

**Explanation:**

**QUESTION NO: 3**

You have a product collection and want to add a filter to get all products whose name starts with Test or whose price is 0.00.

Which of the following statements would add that OR condition?

- A. `$collection->addAttributeToFilter(array(array('attribute' => 'price', 'eq' => 0.00), array('attribute' => 'name', 'like' => 'Test%')));`
- B. `$collection->addFieldToFilter('price', 0.00)->addFieldToFilter('name', array('like' => 'Test%'));`
- C. `$collection->addAttributeToFilter('price', 0.00)->addAttributeToFilter('name', array('like' => 'Test%'));`
- D. `$collection->addFieldToFilter(array('price', 'name'), array(array('eq' => 0.00), array('like' => 'Test%')));`
- E. `$collection->addAttributeToFilter('price', 0.00)->addOrCondition('name', array('like' => 'Test%'));`

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

**Answer: A**

**Explanation:**

#### QUESTION NO: 4

Which three of the following conditions are used to protect an admin route via ACL? (Choose three)

- A. You have defined an ACL in your module configuration
- B. At least one admin role must have permission for that route
- C. You have extended the controller from `Mage_Adminhtml_Controller_Action`
- D. You have defined a method `_isAllowed` which checks the permission
- E. The route name must start with admin

**Answer: A,C,D**

**Explanation:**

**QUESTION NO: 5**

Which table is used for calculating a new increment ID for an order?

- A. sales\_flat\_order\_increment
- B. eav\_entity\_store
- C. core\_increment
- D. core\_config\_data

**Answer: B**

**Explanation:**

**QUESTION NO: 6**

Which one of the following API methods exists in Magento?

- A. catalog\_category.save
- B. catalog\_product, items
- C. catalog\_product\_attribute\_set.update
- D. catalog\_product.info

**Answer: D**

**Explanation:**

**QUESTION NO: 7**

Which one of the following classes must you extend in order to implement a custom indexer?

- A. Mage\_Eav\_Model\_Indexer\_Abstract
- B. Mage\_Core\_Model\_Indexer\_Abstract
- C. Mage\_Index\_Model\_Entity\_Indexer\_Abstract
- D. Mage\_Index\_Model\_Indexer\_Abstract

**Answer: D**

**Explanation:**

**QUESTION NO: 8**

Which two EAV attribute frontend\_input types make use of source models? (Choose two)

- A. text
- B. textarea
- C. select
- D. multiselect
- E. date
- F. gallery

**Answer: C,D**

**Explanation:**

**QUESTION NO: 9**

What is the difference in the effect of calling the invoice capture () method versus the invoice pay () method?

- A. No difference: pay () will always call capture ().
- B. pay () will trigger the payment and capture! ) will not.
- C. capture () will trigger the payment and pay () will not.
- D. The difference is determined by the payment method implementation.

**Answer: C**

**Explanation:**

**QUESTION NO: 10**

How is the sort order in which total models collect their values specified?

- A. The sort order is specified in the admin configuration under Sales > "Checkout Totals Sort Order".
- B. The sort order is specified in the system configuration under global/sales/quote/totals/ [total\_code] with <before> and <after> nodes.
- C. The sort order is defined by the module loading order as specified by the children of the modules/ [module\_name]/depends configuration node.
- D. The sort order is specified by the collect method in each total model.

**Answer: A**

**Explanation:**

**QUESTION NO: 11**

Which method is called on a shipping carrier model to fetch a list of all available shipping methods, along with the rates associated with them, for a quote address?

- A. collectShippingRates()
- B. getAllowedMethodsO
- C. getShippingRates ()
- D. getAvailableRates()
- E. collectRates()

**Answer: E**

**Explanation:**

**QUESTION NO: 12**

Which one of the following EAV attribute types may be used for layered navigation in native Magento?

- A. varchar
- B. enum
- C. option
- D. union

**Answer: C**

**Explanation:**

**QUESTION NO: 13**

You are creating a custom CMS module named Achme\_Cms. Which one of the following is the correct XML required to override a controller from the Mage\_Cms module in your Achme\_Cms module?

- A. `<frontend>`  
     `<routees>`  
         `<cms>`  
             `<args>`  
                 `<modules>`  
                     `<achme_cms before="Mage_Cms">Achme_Cms</achme_cms>`  
                 `</modules>`  
             `</args>`  
         `</cms>`  
     `</routees>`  
`</frontend>`
- B. `<frontend>`  
     `<routees>`  
         `<achme_cms>`  
             `<args>`  
                 `<modules>`  
                     `<cms before="Mage_Cms">Achme_Cms</cms>`  
                 `</modules>`  
             `</args>`  
         `</achme_cms>`  
     `</routees>`  
`</frontend>`
- C. `<frontend>`  
     `<routees>`  
         `<cms>`  
             `<args>`  
                 `<rewrite>`  
                     `<mage_cms>Achme_Cms</mage_cms>`  
                 `</rewrite>`  
             `</args>`  
         `</cms>`  
     `</routees>`  
`</frontend>`
- D. `<global>`  
     `<controllers>`  
         `<achme_cms>`  
             `<rewrite>`  
                 `<mage_cms>Achme_Cms</mage_cms>`  
             `</rewrite>`  
         `</achme_cms>`  
     `</controllers>`  
`</global>`

- A. Option A  
 B. Option B  
 C. Option C  
 D. Option D

**Answer: A**

**Explanation:**

#### QUESTION NO: 14

Which of the following options would cause a poll/poll collection to load all entities that have been posted during April, 2011?

- A. `$collection->addAttributeToFilter('*date_posted', array('from' => '2011-04-01', 'to' => '2011-04-30'));`
- B. `$collection->addFieldToFilter('date_posted', array('from' => '2011-04-01', 'to' => '2011-04-30'));`
- C. `$collection->addPostDateFilter('2011-04-01', '2011-04-30');`
- D. `$collection->addFieldToSelect(('date_posted', Array('from' => '2011-04-01', 'to' => '2011-04-30')));`

**Answer: B**

**Explanation:**

#### QUESTION NO: 15

The final price for the product on the product view page is\_\_\_\_\_.

- A. taken from the catalog\_product\_index\_price table
- B. taken from the catalog\_product\_index\_price\_idx table
- C. taken from the catalog\_product\_index\_price\_final\_idx table
- D. calculated on-the-fly on php-level
- E. pre-calculated in the products price attribute

**Answer: D**

**Explanation:**

#### QUESTION NO: 16

Which of the following is a true statement about how Magento loads data for an EAV-based data model?

- A. A data helper is used in order to properly load an object's attributes from the database.
- B. EAV-based data models use a different abstract resource class than other data models.
- C. The attribute values are loaded into an attribute collection object.
- D. You must always specify each of the attributes to be loaded on the model.

**Answer: B**

**Explanation:**



**QUESTION NO: 17**

Which one of the following class types directly charges a credit card when you capture an invoice in Magento admin?

- A. Order
- B. Payment
- C. Invoice
- D. payment\_method

**Answer: D**

**Explanation:**

**QUESTION NO: 18**

Applying the shopping cart rule's action affects the quote item by setting the quote item's \_\_\_\_\_.

- A. base\_price and price properties with the discounted price
- B. base\_discount\_amount and discount\_amount with the discount applied to the original price
- C. base\_row\_total and row\_total properties with the discounted price
- D. base\_price\_incl\_tax and price\_incl\_tax properties with the discounted price

**Answer: B**

**Explanation:**

**QUESTION NO: 19**

Which one of the following statements is true regarding Mage\_Core\_Block\_Text\_List?

- A. Mage\_Coce\_Block\_Text\_List declares its own template for rendering, but the rendered template can be overridden via layout XML.
- B. Child blocks of Mage\_Core\_Block\_Text\_List are always rendered alphabetically by name.
- C. Mage\_Core\_Block\_Text\_List will always render all children automatically when it is rendered.
- D. Mage\_Core\_Block\_Text\_List directly extends Mage\_Core\_Block\_Template
- E. In order to render, the parent block of Mage\_Core\_Block\_Text\_List must always be an output block.

**Answer: C**

**Explanation:**

**QUESTION NO: 20**

Which one of the following API protocols does native Magento support?

- A. XmlRpc
- B. REST
- C. POST
- D. Open Social
- E. XQuery

**Answer: A**

**Explanation:**

**QUESTION NO: 21**

What is the difference between the base\_grand\_total and grand\_total attributes of the order?

- A. base\_grand\_total is a grand total before tax is applied; grand\_total is the grand total after tax is applied.
- B. base\_grand\_total is the grand total at the moment of order submission; grand\_total is the grand total at the moment of order closing.
- C. base\_grand\_total is the grand total in the currency of the store where the order was submitted; grand\_total is in US dollars always.
- D. base\_grand\_total is in a base currency and grand\_total is in the currency of the website where the order was submitted.

**Answer: D**

**Explanation:**

**QUESTION NO: 22**

Which object never encapsulates any shopping cart items?

- A. Mage\_Checkout\_Model\_Cart
- B. Mage\_Sales\_Model\_Quote
- C. Mage\_Sales\_Model\_Quote\_Address<type=shipping>
- D. Mage\_Sales\_Model\_Quote\_Address<type=billing>

**Answer: B**

**Explanation:**

**QUESTION NO: 23**

Which of the following items is NOT utilized in Magentos implementation of EAV-based data models?

- A. An entity table for storing the entities' basic information
- B. One or more tables to store the entities' associated pieces of information
- C. A two-column cross-link table to associate attribute values with a corresponding entity
- D. Foreign keys on each relevant table to connect relevant pieces of information at the database level
- E. An attribute table that defines what data (and of what type) may be stored on a particular entity

**Answer: C**

**Explanation:**

**QUESTION NO: 24**

Which four of these xml elements are used in system, xml to configure a system configuration property? (Choose four)

- A. backend\_model
- B. admin\_model
- C. frontend\_model
- D. source\_model
- E. source\_type
- F. show in store

**Answer: A,C,D,F**

**Explanation:**

**QUESTION NO: 25**

Which two of the following are supported in the native Magento API? (Choose two)

- A. partial void

- B. partial invoice
- C. partial capture
- D. partial refund
- E. partial shipment

**Answer: B,E**

**Explanation:**

#### **QUESTION NO: 26**

Which of the following API calls allows you to fetch the list of related products using the native Magento API?

- A. catalog\_product\_link.list, with arguments \$type='related', \$product\_id
- B. catalog\_product.list, with arguments \$type='related', \$product\_id
- C. catalog\_product\_related.list, with argument \$product\_id
- D. catalog\_product\_option.list, with arguments \$type=' related', \$product\_id

**Answer: A**

**Explanation:**

#### **QUESTION NO: 27**

Which two of the following will return an instance of a block object? (Choose two)

- A. Mage::getBlock('page/html\_header');
- B. Mage::app()->createBlock('page/html\_header');
- C. Mage::createBlock('page/html\_header');
- D. Mage::app()->getLayout()->createBlock('page/html\_header');
- E. Mage::getLayout()->createBlock('page/html\_header');
- F. Mage::app()->getLayout()->createBlock('page/html\_header')->setTemplate('page/html/header.phtml');

**Answer: D,F**

**Explanation:**

#### **QUESTION NO: 28**

Inside the XML node config/global/blocks, what is the correct xpath for rewriting the

catalog/product\_view block?

- A. catalog/rewrite/product/view
- B. catalog\_product/rewrite/view
- C. catalog/product/rewrite/view
- D. catalog/product\_view/rewrite
- E. catalog/rewrite/product\_view
- F. catalog\_product\_view/rewrite

**Answer: E**

**Explanation:**

### QUESTION NO: 29

Which statement correctly describes order state and order status?

- A. State and status are independent properties of the order.
- B. The status is a child of the state.
- C. State represents the general state of the order, while status works on item level.
- D. An order doesn't have a status, only a state. Status is a property of an invoice, shipment, and credit memo.

**Answer: B**

**Explanation:**

### QUESTION NO: 30

Which three of the following conditions should exclude a quote item from the shipping rate calculation by a carrier model? (Choose three)

- A. `$quoteItem->getFreeShipping() == true`
  - B. `$quoteItem->getProduct()->isvirtual() == true`
  - C. `$quoteItem->getweight() > 0`
  - D. `$quoteItem->isShipSeparately() && $quoteItem->getHasChildren()`
  - E. `$quoteItem()->getQty()`
- `Mage::getStoreConfig('carriers/tableRate/min_shipping_qty')`

**Answer: A,B,D**

**Explanation:**

**QUESTION NO: 31**

What happens when you edit an existing order using the order management page?

- A. A form appears that allows you to edit all information on the current order.
- B. A form appears that allows you to edit shipping information of the current order only.
- C. Depending on the order status, different editing forms appear for the current order.
- D. The current order is canceled and a new order is created from scratch based on the current order's data.

**Answer: D**

**Explanation:**

**QUESTION NO: 32**

Which two of the following methods can be used to load an entity's data from its configured data table? (Choose two)

- A. `$entityModel->loadEntity($id)`
- B. `$entityModel->load($attributeValue, $attributeCode)`
- C. `$entityModel->loadById($id)`
- D. `$entityModel->loadEntity($attributeCode, $attributeValue)`
- E. `$entityModel->load($id)`

**Answer: B,E**

**Explanation:**

**QUESTION NO: 33**

Which class is extended to render a dropdown in admin forms?

- A. `Mage_Adminhtml_Block_Widget`
- B. `Mage_Core_Block_Abstract`
- C. `Mage_Adminhtml_Block_Abstract`
- D. `Mage_Adminhtml_Block_Template`
- E. `Varien Data Form Abstract`

**Answer: E**

**Explanation:**

**QUESTION NO: 34**

Which one of the following is responsible for sending a remote request to the payment service when capturing an order?

- A. Payment Info
- B. Order Payment
- C. Payment Method
- D. Invoice

**Answer: C**

**Explanation:**

**QUESTION NO: 35**

Set Product as New from Date	<input type="text"/>	[WEBSITE] <input checked="" type="checkbox"/> Use Default Value
Set Product as New to Date	<input type="text"/>	[WEBSITE] <input checked="" type="checkbox"/> Use Default Value
Status *	<input type="text" value="Enabled"/>	[WEBSITE] <input checked="" type="checkbox"/> Use Default Value
URL key	<input type="text" value="test"/>	[STORE VIEW] <input checked="" type="checkbox"/> Use Default Value
	<input checked="" type="checkbox"/> Create Permanent Redirect for old URL	
Visibility *	<input type="text" value="Catalog, Search"/>	[STORE VIEW] <input checked="" type="checkbox"/> Use Default Value

The checkbox "Use default value" is checked and the corresponding input field is disabled, as shown in the graphic above. How does Magento represent this state in the corresponding EAV value tables?

- A. no row with a value for this store view and a row with value NULL for default
- B. no row with a value for this store view and a row with any value for default
- C. a row with value NULL for this store view and a row with value NULL for default
- D. a row with value NULL for this store view and a row with any value for default
- E. no row with a value for this store view and no row with a value for default

**Answer: B**

**Explanation:**

**QUESTION NO: 36**

You want to define a list of quote object attributes that are copied to the order object when an order is placed. Which one of the following statements is true?

- A.** You can define this list by modifying the list of elements found in the configuration with the xpath `global/fieldsets/sales_convert_quote`.
- B.** You can define this list by modifying the list of elements found in the configuration with the xpath `global/sales/quote/item/product_attributes`.
- C.** You can define this list by checking the checkbox on the attribute edit page in the admin.
- D.** You cannot modify the list of fields copied from quote to order because the process is hardcoded.

**Answer: A**

**Explanation:**

**QUESTION NO: 37**

Which statement describes a model class that extends `Mage_Core_Model_Abstract`?

- A.** The model class consists of properties and methods for storing and manipulating data retrieved via separate resource classes responsible for database operations.
- B.** The model class is responsible for loading the frontend layout templates and responding to page requests via its Action methods (for example, `indexAction`).
- C.** The model class does not encapsulate any logic except for logic providing access to the data loaded from the database.
- D.** The model class is primarily responsible for direct query operations such as retrieving and storing data and then rendering that data to the frontend view.

**Answer: A**

**Explanation:**

**QUESTION NO: 38**

Which of the following actions will enable logging via calls to `debugDataO` on a native Magento payment method model?

- A.** Set the protected property `$_debug` of the payment model to true
- B.** Set the config node `default/payment/debug/[method code]` to 1
- C.** Call `Mage::register('payment_method_debug_' . [method code], true);`
- D.** Set the config node `default/payment/[method code]/debug` to 1



E. Call `setDebug(true)` on the payment method model

**Answer: D**

**Explanation:**

#### QUESTION NO: 39

Which method is responsible for a full re-index in the abstract Magento indexer?

- A. `fullReindex()`
- B. `reindexAH()`
- C. `processEvent ()`
- D. `reindex()`

**Answer: B**

**Explanation:**

#### QUESTION NO: 40

Which one of the following xpaths is correct for replacing `Mage_Customer_Model_Custom_Address` via `Mage::helper( 'customer/address')`?

- A. `global/customer/helpers/address`
- B. `global/rewrite/helpers/rewrite/address`
- C. `global/helpers/customer/rewrite/address`
- D. `global/helpers/rewrite/customer_address`
- E. `global/helpers/rewrite/customer/address`

**Answer: C**

**Explanation:**

#### QUESTION NO: 41

Which one of the following controller classes could respond to this URL?:

`http://example.com/modulename/controller/index`

- A. `Namespace_ModuleName_IndexController:`

- B. Namespace\_ModuleName\_Controller\_ControllerIndex
- C. Namespace\_ModuleName\_Controller\_IndexController
- D. Namespace\_Modulename\_ControllerGrController

**Answer: D**

**Explanation:**

#### **QUESTION NO: 42**

In which table could you find the order state?

- A. sales\_flat\_order:
- B. sales\_flat\_order\_state
- C. sales\_flat\_order:\_status
- D. sales\_flat\_order\_status\_history

**Answer: A**

**Explanation:**

#### **QUESTION NO: 43**

Which of the following block methods is the best to override when there is a need to customize how the block's html is rendered?

- A. \_toHtml()
- B. toHtml()
- C. setLayout()
- D. renderLayout ()

**Answer: A**

**Explanation:**

#### **QUESTION NO: 44**

How many items will be added to the quote after adding a configurable product to the shopping cart?

- A. the number of options

- B. the number of options+1
- C. always 1
- D. always 2

**Answer: D**

**Explanation:**

**QUESTION NO: 45**

Which of the following allows you to save a single attribute value on an EAV entity?

- A. `$model->saveAttribute($attributeCode);`
- B. `$model->save($attributeCode);`
- C. `$model->getResource()->saveAttribute($model, $attributeCode);`
- D. `$model->getResource()->save($model, $attributeCode);`

**Answer: C**

**Explanation:**

**QUESTION NO: 46**

When `setData ('some', 'value')` is called on an EAV entity and the entity is saved to the database, \_\_\_\_\_.

- A. the 'value' of the attribute named 'some' is saved in the `eav_values` table
- B. the 'value' of the attribute named 'some' is saved in one of the entity's tables depending on its datatype (for example, `entityname_varchar`)
- C. the data will be stored in the EAV registry making 'some' 'value' available to the entity
- D. the 'value' of the attribute named 'some' is saved in the `eav_attribute_values` table

**Answer: B**

**Explanation:**

**QUESTION NO: 47**

In which of the following integrations should you use the Magento API?

- A. to send a SOAP request from Magento to a third-party system

- B. to receive a SOAP request from a third-party system to Magento
- C. to send or receive SOAP requests in Magento
- D. to provide tracking on the order success page

**Answer: B**

**Explanation:**

#### **QUESTION NO: 48**

Which of the following is the default setup script class name?

- A. Mage\_Core\_Model\_Mysc;14\_Setup
- B. Mage\_Core\_Model\_Resout:ce\_Setup\_Default
- C. Mage\_Setup\_Model\_Resource\_Default
- D. Mage\_Core\_Model\_Resoui:ce\_Setup

**Answer: D**

**Explanation:**

#### **QUESTION NO: 49**

In what order are the routers from the Magento core checked for a matching route?

Default: Mage\_Core\_Controller\_Varien\_Router\_Default

CMS: Mage\_Cms\_Controller:\_Router

Standard: Mage\_Core\_Controller\_varien\_Router\_Standard

Admin: Mage\_Core\_Controller\_Vatrien\_Router\_Admin

- A. Admin, Standard, CMS, Default
- B. Default, CMS, Standard, Admin
- C. Admin, CMS, Standard, Default
- D. Standard, Admin, Default, CMS

**Answer: A**

**Explanation:**

**QUESTION NO: 50**

Which of the following will NOT generate a <script> tag in the output of the standard Magento page/html\_head block?

- A. 

```
<layout>
  <default>
    <reference name="head">
      <action method="addJs">
        <file>js/some.js</file>
```
- B. 

```
<layout>
  <default>
    <reference name="head">
      <action method="addJs">
        <name>js/some.js</name>
```
- C. 

```
<layout>
  <default>
    <reference name="head">
      <action method="addItem">
        <file>js/some.js</name>
```
- D. 

```
<layout>
  <default>
    <reference name="head">
      <action method="addItem">
        <item>js</item>
        <file>js/some.js</file>
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer: C**

**Explanation:**

**QUESTION NO: 51**

A custom frontend controller will extend which one of the following classes?

- A. Mage\_Core\_Controller\_Front\_Action
- B. Mage\_Adminhtml\_Controller\_Action
- C. Mage\_Core\_controller\_Varien\_Front
- D. Mage\_Core\_Controller\_Abstract

**Answer: A**

**Explanation:**

**QUESTION NO: 52**

Which table stores information about the relationship between configurable products and their child products?

- A. catalog\_product\_link
- B. catalog\_product\_super\_link
- C. catalog\_product\_option
- D. catalog\_product\_relation

**Answer: B**

**Explanation:**

**QUESTION NO: 53**

Which of the following lines includes a payment method object?

- A. `$quote->getShippingAddress()->setPaymentMethod(isset($data[ 'method1 ' ]) ? $data[ 'method1 ' ] : null);` inside `Mage_Checkout_Model_Type_OnePage`
- B. `.public function setPayment(Mage_Sales_Model_Quote_Payment $payment)` inside `Mage_Sales_Model_Quote`
- C. `$method = $this->getMethodInstance ();` inside `Mage_Sales_Model_Quote_Payment`
- D. `$instance->setInfoInstance($this);` inside `Mage_Payment_Model_Info`

**Answer: C**

**Explanation:**

**QUESTION NO: 54**

What type of Magento class is an API resource?

- A. Controller
- B. Helper
- C. Model
- D. Resource model

**Answer: C**

**Explanation:**

**QUESTION NO: 55**

A valid way to extend Mage\_Adminhtml\_Cms\_PageController with the Acme Cms Adminhtml PageController class would be to set the following configuration;

```
<admin>
  <routes>
    <adminhtml>
      <args>
        <modules>
          <custom_cms before="____">____</custom_cms>
        </modules>
      </args>
    </adminhtml>
  </routes>
</admin>
```

Which of the following code pairs should be inserted in the blank spots in the code shown above?

- A. Mage\_Adminhtml, Acme\_Cms\_Adminhtml
- B. Mage\_Adminhtml, Acme\_Cms\_Adminhtml\_PageController
- C. Mage\_Adminhtml\_Cms\_PageController, Acme\_Cms\_Adminhtml
- D. Mage\_Adminhtml\_Cms\_PageContt:ollec, Acme\_Cms\_Adminhtml\_PageController

**Answer: A**

**Explanation:**

**QUESTION NO: 56**

When you register an event observer, which two of the following pieces of information are required for it to function? (Choose two)

- A. method (or function) name
- B. method (or function) arguments
- C. class name
- D. object type (singleton, model, none, etc)
- E. call order
- F. active/inactive status

**Answer: A,C**

**Explanation:**

**QUESTION NO: 57**

To update your order information from a third-party system using an XmlRpc call, you should \_\_\_\_\_.

- A. use the native sales\_order.update API call with the url /api/xmlrpc/
- B. create a custom API resource which allows you to receive XmlRpc requests
- C. create a custom API adapter to receive XmlRpc requests
- D. create a custom API handler to process XmlRpc requests

**Answer: A**

**Explanation:**

**QUESTION NO: 58**

Which of the following layout XML directives will set a value on a block?



- A. 

```
<layout>
    <block type="some/block_class">
        <setSomeValue>value
```
- B. 

```
<layout>
    <block type="some/block_class">
        <setSomeValue>
            <value>value
```
- C. 

```
<layout>
    <catalog_product_view>
        <block type="some/block_class">
            <action method="setSomeValue">value
```
- D. 

```
<layout>
    <catalog_product_view>
        <block type="some/block_class">
            <action method="setSomeValue">
                <a>value
```
- E. 

```
<layout>
    <catalog_product_view>
        <block type="some/block_class">
            <setSomeValue>value
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

**Answer: D**

**Explanation:**

#### QUESTION NO: 59

To implement a standard Adminhtml form for a custom data model, which two of the following must you do? (Choose two)

- A. Declare your module's block class prefix in the config.xml file.
- B. Implement a sub-class of Mage\_Adminhtml\_Block\_widget\_Form.
- C. Implement a sub-class of Mage\_Adminhtml\_Block\_Form\_Abstract.

- D. Create sub-classes of Mage\_Adminhtml\_Block\_Form\_Element\_Abstract for each form field to be presented.
- E. Add a set of configuration values in the module's config.xml defining the form fields to be displayed,

**Answer: A,B**

**Explanation:**

#### QUESTION NO: 60

Which three of the following object types will have a parent class found in the Mage\_Eav module for the purposes of EAV data storage in Magento? (Choose three)

- A. data model
- B. data helper
- C. resource model
- D. resource collection
- E. setup class

**Answer: C,D,E**

**Explanation:**

#### QUESTION NO: 61

Given a grid interface that extends from Mage\_Adminhtml\_Block\_Widget\_Grid, which of the following methods could you override to allow data to be loaded from a custom data collection?

- A. \_prepareDataModel
- B. \_prepareCollection
- C. \_initDataModel
- D. initGrid

**Answer: B**

**Explanation:**

#### QUESTION NO: 62

When changes are made to more than one of a collection's items using setData ('some', 'value'), which of the following methods will save the changes in the collection?

- A. \$collection->saveAll();
- B. \$collection->saveItems();
- C. \$collection->saveAllItems ();
- D. \$collection->save();

**Answer: D**

**Explanation:**

#### **QUESTION NO: 63**

You want to implement a custom attribute source model. Which method do you have to implement after extending Mage\_Eav\_Model\_Entity\_Attribute\_Source\_Abstract?

- A. getOptionText()
- B. getAllOptions()
- C. getOptionHash()
- D. getOptionId()

**Answer: B**

**Explanation:**

#### **QUESTION NO: 64**

How can you make a payment method store entire credit card numbers?

- A. For security reasons, there are no native ways for doing that.
- B. Pass the credit card number to the payment method: it will be stored automatically.
- C. Change the protected property of payment method \$\_canSaveCc to true.
- D. Configure your method to save the card number by setting 1 to the following xpath: default/payment/\_NAME\_/save\_cc

**Answer: C**

**Explanation:**

#### **QUESTION NO: 65**

When the Magento configuration is being loaded, all the XML files in app/etc and the module registration files under app/etc/modules/ are loaded first. After that step, in which order are the following items loaded?

1. Configuration from the core\_config\_data DB table
2. app/etc/local.xml
3. The etc/config.xml of all active modules

- A. 1, 3, 2  
 B. 3, 1, 2  
 C. 3, 2, 1  
 D. 1, 2, 3

**Answer: C**

**Explanation:**

**QUESTION NO: 66**

Which one of the following declares a Layout XML file?

- A. `<global>`  
     `<layout>`  
         `<file>`  
             `<some>`  
                 `<module>layout.xml`
- B. `<layout>`  
     `<updates>`  
         `<file>layout.xml`
- C. `<admin>`  
     `<layout>`  
         `<updates>`  
             `<module>`  
                 `<layout>layout.xml`
- D. `<frontend>`  
     `<layout>`  
         `<updates>`  
             `<module>`  
                 `<file>layout.xml`

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer: D**

**Explanation:**

**QUESTION NO: 67**

In order to successfully register and configure a new entity capable of being saved and loaded from the database, you must create a model and which three of the following? (Choose three)

- A. a collection class
- B. configuration settings in your module's config.xml
- C. an entry in Mage::\$\_registry
- D. a record in the eav\_entity table
- E. a resource model
- F. a table in the database that will store the entity's data

**Answer: B,E,F**

**Explanation:**

**QUESTION NO: 68**

What does Magento use to determine whether the automatically run upgrade scripts have been run yet?

- A. The modification date on the modules' etc/config.xml file
- B. The version number (or lack thereof) stored in the core\_module\_version table
- C. The version number (or lack thereof) stored in the core\_config\_data table
- D. A comparison of the resources that are capable of successfully loading

**Answer: C**

**Explanation:**

**QUESTION NO: 69**

Assume that PayPal has presented a new API for online purchasing that you are going to use.

Which class should you extend for doing that?

- A. Mage\_Sales\_Model\_Quote\_Payment
- B. Mage\_Payment\_Model\_Info
- C. Mage\_Payment\_Model\_Method\_Abstract
- D. Mage\_Sales\_Model\_Order\_Payment

**Answer: C**

**Explanation:**

#### QUESTION NO: 70

Which two public methods must be implemented in a functional custom shipping method directly extending Mage\_Shipping\_Model\_Carrier\_Abstract and also implementing Mage\_Shipping\_Model\_Carrier\_Interface? (Choose two)

- A. collectRates()
- B. getAllowedMethods()
- C. isTrackingAvailable()
- D. isFixed()
- E. getConfigData()
- F. checkAvailableShippingCountries()

**Answer: A,B**

**Explanation:**

#### QUESTION NO: 71

The initial call to \_\_\_\_\_ will create and return an instance of the specified class.

Subsequent calls to this method during the same execution cycle will return the same class instance as opposed to creating a new one.

- A. Mage::getResourceModel('namespace/modulename');
- B. Mage::getInstance('namespace/modulename');
- C. Mage::getModel('modulename/modelname');
- D. Mage::getSingleton('modulename/modelname');

**Answer: D**

**Explanation:**

**QUESTION NO: 72**

You want to display a grid for a custom collection. After extending Mage\_Adminhtml\_Block\_widget\_Grid, which two of these methods should you implement? (Choose two)

- A. \_getCollection()
- B. \_prepareCollection()
- C. \_prepareColumns()
- D. toHtml()
- E. render()

**Answer: B,C**

**Explanation:**

**QUESTION NO: 73**

What is the basic class/interface for every model observer class?

- A. Mage\_Model\_Config\_Observer
- B. Mage\_Core\_Model\_Event\_Observer\_Abstract
- C. Mage\_Core\_Model\_Event\_Observer\_Interface
- D. There is no required inheritance.
- E. Varien\_Object

**Answer: D**

**Explanation:**

**QUESTION NO: 74**

You want to filter a product collection so that it will return only SKUs 12 and 123. You will use a call to \$collection->addFieldToFilter(Tskuf, \_\_\_\_\_ );

Two of the following arrays could be used to complete that call correctly. Which two? (Choose two)

- A. array('sku' => 12, 'sku' => 123)
- B. array(array('eq' => 12), array('eq' => 123))

- C. array(12 => true, 123 => true) '
- D. array(12, 123)
- E. array(array('int' => 12), array('int' => 123))

**Answer: B,D**

**Explanation:**

#### QUESTION NO: 75

How can you update a third-party system with every new order created in Magento?

- A. Use the native sales\_order.update API call.
- B. Use a sales\_order\_place\_after API call.
- C. Create an observer in Magento on the sales\_order\_place\_after event.
- D. Customize the third-party system to listen to Magento's sales\_\_order\_place\_after event.

**Answer: C**

**Explanation:**

#### QUESTION NO: 76

Which of the following xpaths defines the correct XML structure for informing Magento that your module has install scripts?

- A. global/resources/etc/setup/<script\_directory\_name>/module
- B. system/database/resources/<script\_directory\_name>/setup/module
- C. global/resources/<script\_directory\_name>/setup/module
- D. database/action/scripts/<script\_directory\_name>

**Answer: C**

**Explanation:**

#### QUESTION NO: 77

You have used the "refresh" action on the cache management page for the block html cache type. Which of the following types of cache record would be cleared?

- A. all cache records containing HTML code



- B. items for block classes extending Mage\_Core\_Block\_Template only
- C. items having at least one of the tags found in the configuration under the xpath global/cache/types/block\_html/tags
- D. block class items with expired lifetime

**Answer: C**

**Explanation:**

#### QUESTION NO: 78

Which of the following methods will force an EAV resource collection model to include an attribute in its result set?

- A. addAttributeToSelect(\$attribute);
- B. getResource()->addAttribute(\$attribute);
- C. addFieldToSelect(\$attribute);
- D. getSelect()->from( ' ', \$attribute);
- E. addAttributeToCollection(\$attribute);

**Answer: A**

**Explanation:**

#### QUESTION NO: 79

Assume you have product with qty in stock=1, and two people are trying to buy it at the same time. Which of the following statements is true?

- A. Only one is able to add the product to the shopping cart. That person will be able to buy the product.
- B. Only the person who starts checkout first will be able to buy the product.
- C. Only the person who passes the payment step first will be able to buy the product.
- D. Both persons can go to the Place Order step, but the one who places the order first will get the product.
- E. Both persons will be able to complete the checkout, because both have local copies of the available inventory.

**Answer: B**

**Explanation:**

**QUESTION NO: 80**

In which config areas are layout files declared? (Choose two)

- A. <admin>
- B. <adminhtml>
- C. <default>
- D. <frontend>
- E. <global>

**Answer: B,D**

**Explanation:**

**QUESTION NO: 81**

To register a new API resource, what should you do?

- A. Register your new resource in config.xml in the node global/api/ [module name]/resources.
- B. Create etc/api.xml and register your resource in the api/resources node.
- C. Go to the System/Web services/API Resources management page, and add a new resource from there.
- D. Create an etc/resources.xml config file and register your resource in the api/resources node.

**Answer: B**

**Explanation:**

**QUESTION NO: 82**

Two modules, Foo and Moo, both rewrite the catalog/product model, but only the Moo module's rewrite is being used. Both modules Foo and Moo reside in the community code pool. Which two approaches allow the functionality from both classes to be used? (Choose two)

- A. Copy Foo\_Model\_Product to the local code pool.
- B. Copy Moo\_Model\_Product to the local code pool and merge the logic from Foo\_Model\_Product into it.
- C. Copy Moo\_Model\_Product to the local code pool and make it extend Foo\_Model\_Product, making sure the logic of both classes does not conflict.
- D. Copy Moo\_Model\_Product to the local code pool.
- E. Change the rewrite directive of the Moo module to rewrite foo/product instead of catalog/product.

**Answer: B,C**

**Explanation:**

**QUESTION NO: 83**

In admin, a shipment can be created \_\_\_\_\_.

- A. only after the whole order is invoiced
- B. only after at least one item is invoiced
- C. even before an invoice is created
- D. only after tracking number(s) are specified

**Answer: C**

**Explanation:**

**QUESTION NO: 84**

How can you restrict access to a custom API resource?

- A. Only by creating a new role under System/Web Services/Roles
- B. By setting up an ACL in etc/api.xml and creating a new role for it in System/Web Services/Roles
- C. Only by extending Mage\_Api\_Controller\_Action and overriding the \_isAllowed method
- D. By setting up an ACL in etc/adminhtml.xml and creating a new role in System/Permissions/Roles

**Answer: B**

**Explanation:**

**QUESTION NO: 85**

What must be done to allow a third-party system to access the Magento API?

- A. Run a login call with username/password, and use the returned session\_id for every request.
- B. Get a token previously generated in Magento admin.
- C. Run an authenticate call with username/password; the call will set up a session automatically.
- D. Register the remote IP address in the api/allowed\_ips/ [system name] node.
- E. Use a secure certificate, with public/private keys, and get a private key installed inside

Magento.

**Answer: A**

**Explanation:**

#### **QUESTION NO: 86**

Which one of the following statements is true regarding layout update handles?

- A.** Layout update handles must always match a module\_controller\_action pattern such as catalog\_product\_view.
- B.** There may never be more than one layout update handle per request.
- C.** Layout update handles are declared at any level of the layout XML hierarchy.
- D.** A layout update handle may be specified as a string argument when calling loadLayout ().

**Answer: D**

**Explanation:**

#### **QUESTION NO: 87**

Which three of the following will return an instance of a resource model? (Choose three)

- A.** Mage::getResourceModel('customer/customer');
- B.** Mage::getSingleton('customer/customer');
- C.** Mage::getModel('customer/customer')->getResourceModel();
- D.** Mage::getResourceModel('customer/customer')->getInstance();
- E.** Mage::getModel('customer/customer')->getResource();
- F.** Mage::getResourceModel('customer/customer')->getResource();

**Answer: A,B,E**

**Explanation:**

#### **QUESTION NO: 88**

By enabling Flat catalog, you will \_\_\_\_\_.

- A.** speed up performance on the frontend
- B.** speed up saving product on the backend

- C. simplify the product import process
- D. speed up loading product on the backend

**Answer: A**

**Explanation:**

**QUESTION NO: 89**

Which of the following payment methods' payment actions creates an invoice during the "place order" step?

- A. Mage\_Payment\_Model\_Method\_Abstract::ACTION\_AUTHORIZE
- B. Mage\_Payment\_Model\_Method\_Abstract::ACTION\_CAPTURE
- C. Mage\_Payment\_Model\_Method\_Abstract:: ACTION\_AUTHORIZE\_CAPTURE
- D. Mage\_Payment\_Model\_Method\_Abstract::ACTION\_IWVOICE

**Answer: C**

**Explanation:**

**QUESTION NO: 90**

Which model is responsible for calculating the taxes for the selected shipping rate?

- A. shipping/rate\_result
- B. shipping/total\_tax
- C. tax/sales\_total\_quote\_tax
- D. the concrete shipping carrier model implementation
- E. shipping/rate\_request

**Answer: C**

**Explanation:**

**QUESTION NO: 91**

A native Magento EAV entity will use\_\_\_\_\_.

- A. A single table with separate columns for each data type (for instance, decimal, text, varchar, etc.)

- B. A single table with separate columns for all data types used by the entity
- C. A separate table for each data type (for instance, decimal, text, varchar, etc.)
- D. A separate table for each data type in addition to a flat data table with separate columns to store values for each data type used by the entity

**Answer: C**

**Explanation:**

#### QUESTION NO: 92

In which order are the following methods executed after Mage\_Core\_Model\_Abstract:: save () is called?

- 1 - Mage\_Core\_Model\_Abstract::\_beforeSave()
- 2 - Mage\_Core\_Model\_Abstract::\_afterSave()
- 3 - Mage\_Core\_Model\_Mysql4\_Abstract::\_beforeSave()
- 4 - Mage\_Core\_Model\_Mysql4\_Abstract::\_afterSave()
- 5 - Mage Core Model Abstract::afterCommitCallback()

- A. 1, 2, 3, 4, 5
- B. 1, 3, 2, 4, 5
- C. 1, 3, 4, 2, 5
- D. 3, 1, 4, 2, 5

**Answer: C**

**Explanation:**

#### QUESTION NO: 93

Which of the following node names may be used inside the setup resource declaration to utilize a custom setup class?

- A. resourceModel
- B. resourceClass
- C. setupClass
- D. class

**Answer: B**

**Explanation:**

**QUESTION NO: 94**

How does Magento store comments regarding different entities (invoice, credit memo, shipment)?

- A.** Each comment is a separate entity with a type attribute which identifies the owner of the comment. All comments are stored in one sales\_comment table.
- B.** Comments to invoice, credit memo and shipment are different entities stored in the different tables.
- C.** All comments belong directly to the order, and are stored in the sales\_flat\_order\_comments table.
- D.** Each comment is an attribute of the appropriate entity (invoice, credit memo, shipment).

**Answer: B**

**Explanation:**

**QUESTION NO: 95**

Which file path correctly identifies the location of a modules install/upgrade scripts inside the primary module directory?

- A.** sql/<setup\_resource\_name>/
- B.** var/scripts/
- C.** scripts/
- D.** <setup\_resource\_name>/

**Answer: A**

**Explanation:**

**QUESTION NO: 96**

Given an EAV-based data model whose data is stored in the table foo\_entity, in which table would you find the values for an attribute of the varchar type?

- A.** foo\_entity\_attribute\_storage
- B.** foo\_entity\_varchar

- C. entity\_attribute\_varchar
- D. foo\_entity

**Answer: D**

**Explanation:**

**QUESTION NO: 97**

A customer bought two items but wants to cancel one. Which option enables the administrator of the site to edit the quantity while the invoice is being captured in the admin area?

- A. In the System Configuration, under the Sales section, set "Allow partial invoice" to "true".
- B. In the payment method, set the \$\_canCapturePartial protected variable to true.
- C. There are no native ways to do this: override the sales/order/invoice/view/items .phtml template.
- D. In the configuration node, set default/payment/{METHOD\_NAME}/allow\_partial\_invoice to 1.

**Answer: B**

**Explanation:**

**QUESTION NO: 98**

Which one of the following classes does NOT exist in Magento?

- A. Mage\_Adminhtml\_Block\_Widget\_Form\_Element\_Abstract
- B. Mage\_Adminhtml\_Block\_Widget\_Form
- C. Mage\_Adminhtml\_Block\_Widget\_Form\_Container
- D. Mage\_Adminhtml\_Block\_Widget\_Form\_Element
- E. Varien Data Form Element Abstract

**Answer: A**

**Explanation:**

**QUESTION NO: 99**

What do you need to do to implement a completely new Web Service protocol in Magento?

- A. Create your own adapter and controller.



- B. Create your own API resource.
- C. Create a new API helper.
- D. Create a new model extended from Mage\_Api\_Model\_Abstract.

**Answer: A**

**Explanation:**

#### **QUESTION NO: 100**

What is the xpath to the list of product types?

- A. catalog/product/type
- B. global/catalog/product/type
- C. default/catalog/product/type
- D. It depends on the product type.

**Answer: B**

**Explanation:**

#### **QUESTION NO: 101**

For which two of the following composite products could the options be shipped separately on the frontend using "Checkout with multiple addresses"? (Choose two)

- A. configurable physical product
- B. bundle product consisting of physical products
- C. grouped product consisting of physical products
- D. bundle product consisting of virtual products
- E. grouped product consisting of virtual products

**Answer: B,C**

**Explanation:**

#### **QUESTION NO: 102**

Assume you added a product with custom options to the shopping cart. Where will the data for the custom options be stored persistently?

- A. in the sales\_flat\_quote table, as a serialized string in a text field
- B. in the session, as a serialized array
- C. in a separate table, sales\_flat\_quote\_item\_option
- D. Magento doesn't store persistent data about custom options; only the new price and new SKU are stored.

**Answer: D**