**1. Can inventory be decimal?**

- yes( We can set decimal inventory based on product )

- If we enable decimal inventory in products than not allow to multi shipping feature.

- Multi shipping address allow to set every product.

**2. Do plugin have sort order?**

**Yes**

- You cannot use plugins for final methods, final classes, private methods, or classes created without dependency injection

**-** Plugins allow you to modify a single method, while a preference allows you to change a whole class.

- A plugin can also execute after the target method in order to modify the returned result. A plugin can be called before, after, or even instead of the target method.

- Plugins do not conflict with each other because they are executed sequentially.

- Plugin disabled: Set to TRUE to disable a plugin

The di.xml file in your module declares a plugin for a class object:

<config>

<type name="{ObservedType}">

<plugin name="{pluginName}" type="{PluginClassName}" sortOrder="1" disabled="false" />

</type>

</config>

**3. Do events has sort order?**

- No

- Read this (https://devdocs.magento.com/guides/v2.3/extension-dev-guide/events-and-observers.html)

**4. How to setup cron?**

- https://www.dckap.com/blog/how-to-set-and-configure-custom-cron-jobs-in-magento-2

- https://devdocs.magento.com/guides/v2.3/config-guide/cli/config-cli-subcommands-cron.html

**5. What do is cacheable false?**

- Full page remove from the cache

**6. Admin area scope**

**(If select only three than not select store)**

**-** Website

- Store

- Storeview

- Global/Default

**7.What is meaning of showinstore, showinwebsite=0 meaning?**

- showinstore= 0 means not visible in storeview level

- showinwebsite= 0 means not visible in website level

**8.Where is redis exist ?**

- app/etc/env.php

- (In env.php file show the information of session, cache,backend frontname, database details, installation date, mode).

**9. How to and where to store encrypted field value.**

- define backend model like this in etc/config.xml

<my\_test>

<general>

<title backend\_model="Magento\Config\Model\Config\Backend\Encrypted"></title>

</general>

</my\_test>

**Also add same backend model in etc/adminhtml/system.xml**

<field id="title" translate="label" type="obscure" sortOrder="1" showInDefault="1" showInWebsite="0" showInStore="0">

<label>Title</label> <backend\_model>Magento\Config\Model\Config\Backend\Encrypted</backend\_model>

</field>

**Note:-**

No need to decrypt config value.It's automatically decrypted.

$this->scopeConfig->getValue('my\_test/general/title',\Magento\Store\Model\ScopeInterface::SCOPE\_STORE);

**use Magento\Framework\Encryption\EncryptorInterface;**

**10. Which is render automatically.**

**- Container (**Container renders all of its children

automatically **)**

**- Listtext**

**11.** **Run schema file after every setup upgrade which file is responsible ?**

- recurring.php

**12. Mycompany is frontname Mycompany/Subscribe**

- Controller/Subscribe/Index.php

**13 Mycompany is frontname in admin mycompany/edit\_grid**

**-** Controller/Adminhtml/Edit/Grid/Index.php

**14. Where is frontend routes.xml exits?**

**-** etc/frontend/routes.xml

**15. In routes.xml id= mycompany frontname=module which layout will be render for module/test ?**

**-** mycompany\_test\_index.xml

**16. All file first letter is capital for .php example Productinterface.php.**

- All files are after initialize.

**17. How I tell magento to run upgradeData.php file.**

- etc/module.xml need to change setup\_version

**18. What is best way to create project in M2.**

- By use of composer like this composer create project

**Note:- Read all step of data migration of M1 to M2.**

**- Check all CLI command.**

**19. What is diff between Plugin and Observer.**

**20. What is relationship between categoy in database.**

- parent\_id slash separated id in path field.

**- Check all tables related to products and category.**

**21. Which option are correct for customer attribute create and show in customer account adminhtml.**

- Create attribute.

- Set attribute in customer set.

- Use in adminhtml\_customer form.

**Note:- If you want to show customer attribute in admin customer form,address form and edit form.**

adminhtml\_customer\_address

adminhtml\_customer

**From fronted register and address form.**

customer\_account\_create

customer\_account\_edit

customer\_register\_address

**for checkout**

adminhtml\_checkout

If you can't see customer attribute in customer edit than oveeride template file in custom theme and add custom code.

**Check for what use of quote\_id\_mask table**

**22. What is the related between order and order address entiry?**

- Order table entity\_id is parent\_id of order address table.

**23. Plugins override same method then how our module call last?**

- Set dependency of first module in etc/module.xml <sequence> tab

- Set Sort order in our module

plugin sortOrder: The order in which plugins that call the same method are run.

**24. What is the use of cutomer\_account in sales\_order\_view.xml.**

- That file will be used for all front actions like customer/account/\*

- So if you include any css or js in it. It will be included in all customer/account/\* pages.

**25. What you tell about Service directory.**

- Read service contract. (https://devdocs.magento.com/guides/v2.3/extension-dev- guide/service-contracts/service-contracts.html)

**25. Which two allow using CLI command.**

- Create admin user account

- Clean cache

**26. Which Dependency available for object manager.**

- Constructor Dependency

**27. Which Class use for searchCriteriaInterface in**

**Magento\Catalog\Api\ProductRepositoryInterface::getList(searchCriteriaInterface)**

**Magento\Framwork\Api\SearchCriteria**

- Magento required argument Magento\Framwork\Api\SearchCriteria

SearchCriteria->Create()

**27. How to filter Ids in collection?**

$ids = '4,5,3,1,2';

$this->getCollection()->addFieldToFilter('id',['in' => [$ids]]);

**Note:-**

["from" => $fromValue, "to" => $toValue]

["eq" => $equalValue]

["neq" => $notEqualValue]

["like" => $likeValue]

["in" => [$inValues]]

["nin" => [$notInValues]]

["notnull" => $valueIsNotNull]

["null" => $valueIsNull]

["moreq" => $moreOrEqualValue]

["gt" => $greaterValue]

["lt" => $lessValue]

["gteq" => $greaterOrEqualValue]

["lteq" => $lessOrEqualValue]

["finset" => $valueInSet]

**28. Do not give store configuration to sales manager.**

- Create new role for all sales manager and assign to limited access.

**29. What $collection->save() do?**

- save all items one by one

**30. Best way to install extension?**

- using composer repository.

- websetup wizard

**31. How to send all subscribed customer newslatter.**

- bin/magento cron:run

- Implement class,method name mention in etc/crontab.xml file

**32. Which is command correct for enable production mode.**

- bin/magento deploy:mode:set production

**33. When configurable products added with two different option then?**

- It display two line items in cart

**34. How to merchant manage stock physically.**

- Create configurable product with simple product.

**35. How to call select method on collection.**

- Public select method available in AbstractCollection.

**35. Use of DDL class?**

- Use of DDL class is to identify of TEXT Datatype to automatically set column type like varchar, mediumtext.

- Create new table and define schema object

**36. Which is correct method of product load.**

- Magento\Catalog\Api\ProductRepositoryInterface::getById($productId);

**37. Which is correct method of category load.**

- Magento\Catalog\Api\CategoryRepositoryInterface::get ($catId);

**38. Which is the relationship between category and product attribute set?**

- We can assign any products in category.

**39. Which action is available in customer My Account.**

- Reorder

- Wishlist

- Edit address and change password

**40. How to get seo friendly url?**

- Use Web Server Rewrites => Yes

- Product URL Suffix => .html

- Category URL Suffix => .html

- It's store in url\_rewrite table.

**41.How to get customer information in frontend using javascript.**

Magento\_Customer/js/CustomerData

**42.How to render xml block.**

using \_toHtml or $block->getChildHtml('alias') in parent phtml

**42.Relationship between Multishipping address with customer address.**

- One shipping per one Item