**Multiple-choice questions (MCQs)**

**Odoo Basics**

**1. What is the primary programming language used in Odoo development?**

a) Java

b) C++

c) Python

d) Ruby

**2. Which database does Odoo use by default?**

a) MySQL

b) PostgreSQL

c) SQLite

d) Oracle

**3. What are the key components of an Odoo module?**

a) Controllers, Models, Views

b) Templates, Routes, Handlers

c) Tables, Columns, Rows

d) Forms, Reports, Charts

**Development Skills**

**4. Which Odoo ORM method is used to create a new record?**

a) `write()`

b) `search()`

c) `create()`

d) `unlink()`

**5. What is the purpose of QWeb in Odoo?**

a) Database management

b) Backend processing

c) Front-end templating

d) API integration

**6. How do you define a many-to-one relationship in Odoo models?**

a) `fields.One2many()`

b) `fields.Many2one()`

c) `fields.Many2many()`

d) `fields.One2one()`

**Module Development**

**7. How do you add a new menu item in Odoo?**

a) By modifying the `views` directory

b) By creating a new `ir.ui.menu` record

c) By editing the `ir.model` file

d) By updating the `res.users` model

**8. What is the function of access control lists (ACLs) in Odoo?**

a) To manage database schema

b) To control user access to models and records

c) To define workflows

d) To handle system logging

**9. How can you extend an existing model in Odoo?**

a) By creating a new model with the same name

b) By modifying the database directly

c) By inheriting the existing model

d) By duplicating the model file

**Database Management**

**10. What command is used to backup an Odoo database?**

a) `odoo-backup`

b) `pg\_dump`

c) `db\_backup`

d) `backup\_db`

**11. How do you perform a database migration in Odoo?**

a) By using `odoo-migrate`

b) By exporting and importing CSV files

c) By creating and applying new data models

d) By updating the module and using `-u` option

**12. What is the role of XML files in Odoo modules?**

a) To handle database connections

b) To define views, menus, and actions

c) To manage user sessions

d) To store binary data

**Version Control**

**13. What is the purpose of a pull request in GitHub?**

a) To delete a branch

b) To request code reviews and merges

c) To clone a repository

d) To commit changes locally

**14. How do you resolve a merge conflict in Git?**

a) By creating a new branch

b) By deleting the conflicting files

c) By manually editing the conflicting files

d) By running `git resolve`

**15. Which command is used to clone a repository in Git?**

a) `git fetch`

b) `git init`

c) `git clone`

d) `git merge`

**Problem-Solving and Debugging**

**16. Which Odoo log level would you use to debug an issue?**

a) INFO

b) DEBUG

c) WARNING

d) ERROR

**17. What is the purpose of the `pdb` module in Python?**

a) To create databases

b) To debug Python code

c) To manage package dependencies

d) To perform performance testing

**18. How do you start Odoo in developer mode?**

a) By setting `dev\_mode=True` in the configuration file

b) By using the `--dev all` command line option

c) By modifying the database schema

d) By installing the `dev\_tools` module

**Project Management and Collaboration**

**19. What are the key principles of Agile methodology?**

a) Fixed project timelines and detailed documentation

b) Iterative development and customer collaboration

c) Top-down management and rigid processes

d) Extensive planning and risk management

**20. How do you use GitHub issues to manage project tasks?**

a) By committing changes directly to the issue

b) By tracking tasks, bugs, and enhancements

c) By merging branches into the main branch

d) By creating backup copies of the repository