#### **Basic RSpec Syntax**

1. **What command initializes RSpec in a Rails project?** a) rails generate rspec  
    b) rspec --init  
    c) rails new rspec  
    d) rspec setup
2. **Where do you typically define RSpec tests in a Rails project?** a) app/spec  
    b) test/spec  
    c) spec/  
    d) rspec\_tests/
3. **Which keyword is used to define an RSpec test example?** a) test  
    b) example  
    c) it  
    d) case
4. **What does describe do in RSpec?** a) Runs the test  
    b) Defines a group of tests  
    c) Mocks an object  
    d) Skips a test

#### **Matchers and Expectations**

1. **What will expect(5).to eq(5) do?** a) Pass the test  
    b) Fail the test  
    c) Raise an error  
    d) Print 5 to the console
2. **Which matcher checks if an array includes a value?** a) expect(arr).to contain(3)  
    b) expect(arr).to include(3)  
    c) expect(arr).to have(3)  
    d) expect(arr).to match(3)
3. **What is the opposite of expect(x).to eq(y)?** a) expect(x).to\_not eq(y)  
    b) expect(x).not\_to eq(y)  
    c) expect(x).neq(y)  
    d) expect(x).reject eq(y)
4. **What does expect { some\_method }.to change { value }.by(1) test?** a) If some\_method returns value + 1  
    b) If some\_method modifies value by +1  
    c) If some\_method raises an error  
    d) If some\_method is called exactly once

#### **Setup and Hooks**

1. **What does before(:each) do?** a) Runs before all tests in a file  
    b) Runs before each individual test example  
    c) Runs after each test example  
    d) Runs before the last test only
2. **What does let(:user) { User.new(name: "Edwin") } do?** a) Defines a local variable for all tests  
    b) Defines a method that creates a User instance  
    c) Defines a user constant  
    d) Runs a test
3. **What is the difference between let and let!?** a) let is eager, let! is lazy  
    b) let! is eager, let is lazy  
    c) let runs before tests, let! runs after tests  
    d) There is no difference

#### **Mocks and Stubs**

1. **What does allow(user).to receive(:name).and\_return("Edwin") do?** a) Sets user.name to "Edwin" permanently  
    b) Mocks the name method to return "Edwin" only for the test  
    c) Defines a user object  
    d) Raises an error
2. **How do you verify that a method was called on a mock?** a) expect(user).to call(:name)  
    b) expect(user).to have\_called(:name)  
    c) expect(user).to have\_received(:name)  
    d) expect(user).to\_receive(:name)
3. **Which matcher ensures an exception is raised?** a) expect { method }.to raise\_error  
    b) expect { method }.to throw\_error  
    c) expect(method).to error  
    d) expect(method).to be\_exception

#### **Advanced Topics**

1. **What does shared\_examples do?** a) Reuses common test cases across multiple specs  
    b) Creates a sample test  
    c) Defines a test variable  
    d) Runs a test only once
2. **What does subject do in RSpec?** a) Defines the main object being tested  
    b) Sets the test title  
    c) Mocks a method  
    d) Defines test variables
3. **How do you run only tests marked as :focus?** a) rspec --tag focus  
    b) rspec --only focus  
    c) rspec focus=true  
    d) rspec --filter focus
4. **Which RSpec helper file is automatically loaded?** a) spec\_helper.rb  
    b) rails\_helper.rb  
    c) rspec\_helper.rb  
    d) support\_helper.rb
5. **What does pending "some reason" do in a test?** a) Skips the test without running it  
    b) Fails the test  
    c) Runs the test but does not assert anything  
    d) Logs a warning
6. **What command runs only failing tests?** a) rspec --only-failures  
    b) rspec --failures  
    c) rspec --rerun  
    d) rspec --fail