

MCQS Unit 2.3 Robust Programs

Lesson 2 Testing Programs

Question 1: When is terminal testing carried out? (1-3)		✓
Before you start		
At the end		
During the project		
After the design section		
Question 2: Why is code indented? (1-3)		✓
To group together a function		
The code may not use a { syntax and indentation is used instead		
To support code maintainability		
All of the above		
Question 3: Which of these is NOT a feature of a test plan? (3-5)		✓
The data entered		
The type of test data		
If the testing is terminal or iterative		
The expected outcome		
The result of the test		
Action required as a result of the test		
Question 4: When is a runtime error identified? (3-5)		✓
After the program is executed		
Before a program runs		
While the program runs		
Question 5: Which line contains a syntax error? (3-5)		✓
print ("hello")		
sprint("Hello")		
print("hello)		
print("HELLO")		
Question 6: What is iterative testing? (3-5)		✓
Testing completed after an error is found		
Random tests on a computer program		
Tests completed as the program is being coded		
Tests which are planned		
Question 7: When a program runs it asks the user to enter their first name. Which is an example of Valid data? (4-6)		✓
Mr Jones		
Sarah		
Sarah Jones		
Mrs Jones		

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MCQs and Answers

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Question 8: When a program runs it asks the user to enter their age. Which data would be most suitable to test for an incorrect piece of data being entered? (1-3)	✓
44	
1	
97	
Forty Five	
Question 9: (6-9) Look at the program below and classify the error print ("Hello") name = input ("What is your name?")	✓
Logic error	
Data error	
Text error	
Syntax error	
Question 10: Which is the not a name of a group of Test Data that you would use in a test plan? (4-6)	✓
Valid Data	
Range Data	
Nil value data	
Average Data	
Question 11: Which of these are not a real type of data? (4-6)	✓
Valid Data	
Personal Data	
Nil value data	
Real Data	
Boundary Value	
Question 12: Consider a test plan, what comes after the Expected Result ? (1-4)	✓
The result of the test	
The data that is to be entered	
The type of data type	
An example of the data used	
Question 13: What problems can occur when coding a program? (1-4)	✓
Bugs in code	
Wrong user name / password details	
Poorly designed GUI	
Changes in program syntax	
Question 14: Testing while coding a program is called? (4-6)	✓
Development Testing	
Coder Testing	
Terminal Testing	
Iterative Testing	

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Question 15: Who is credited with finding the first computer bug? (1-4)	✓
Grace Hooper	
Grace Hoper	
Grace Hopping	
Grace Hopper	
Question 16: What is a breakpoint? (6-9)	✓
The point at which a program breaks	
A feature which a coder user to stop a program at a certain line	
The point in a program where an error is found	
The point at which the coder is frustrated with the program	
Question 17: Which of these is appropriate data for a range test for a youth club? (4-6)	✓
10 – 20 years	
16 – 19 years	
13 – 19 years	
13 – 23 years	
Question 18: What is a null value test on data entry? (4-6)	✓
Data that does not have a value such as a name or phone number	
Data that is not entered in order to test how the program responds	
Data that has a value of zero	
Data that is incorrect	
Question 19: Which datum below is a valid test for an age field?	✓
18.6	
99	
Twenty-Five	
17 years 5 months	
Calculating answers from formula	
Question 20: What is the purpose of testing? (1-4)	✓
To identify errors	
To identify issues that may occur when a customer uses the program	
To test the security of the program	
All of the above	

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