

Exam question for the subject Test 2017

PBA i softwareudvikling, EAL, Efterår 2017

ATTENTION #1: The question will be duplicated as necessary.

ATTENTION #2: During the examination of the individual question, you should be aware that it is probable that elements from the subject as a whole, will be brought up.

1) Test Strategies and models

Explain the different strategies for when one can plan and execute tests.

You should try and include your own test work and relate this to the question above.

(what you have done, haven't done, could have done)

2) Choice of what should be tested

Explain the various techniques for choosing what should be tested

You should try and include your own test work and relate this to the question above.

(what you have done, haven't done, could have done)

3) Choice of test data for data driven tests

Explain the various techniques for choice of test data for data driven tests, including choice of and control of coverage levels

You should try and include your own test work and relate this to the question above.

(what you have done, haven't done, could have done)

4) Manuel tests with reviews and inspection

Explain the various form of reviews and inspection and how they can contribute to testing.

You should try and include your own test work and relate this to the question above.

(what you have done, haven't done, could have done)

5) Planning managing and organizing tests

Explain how one can plan manage and organize tests in a systems development, mention how tools can contribute to this.

You should try and include your own test work and relate this to the question above.

(what you have done, haven't done, could have done)

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6) Testing websites and web services

Explain how it is possible to test websites and web services and how to automate this to some level. If own test work is relevant in relation to the question above try also to include this, otherwise include other forms of automation of test related to your testing work
(what you have done, haven't done, could have done)

7) Testing portals and other large complicated systems

Explain the techniques for testing portals and other large complicated systems, where the requirements are not clear. Including the various tools that can help with this type test
If own test work is relevant in relation to the above try also to include this, otherwise include other forms of automation of test related to your testing work.
(what you have done, haven't done, could have done)

8) Testing user interfaces

Explain how it is possible to test user interfaces, including the possibilities for automating parts of these tests and possible tools that could be used for this.
You should try and include your own test work and relate this to the question above.
(what you have done, haven't done, could have done)

9) Test In relation to organization and development methodologies

Explain how testing fits into the context of various system development methods, particularly agile methods
You should try and include your own test work and relate this to the question above.
(what you have done, haven't done, could have done)

10) Automation of tests

Explain the possibilities of automating test, including the tools that can support this type of automation in various degrees. You should also include the special condition with regression tests e.g. when developing with large amounts of refactoring.
You should try and include your own test work and relate this to the question above.
(what you have done, haven't done, could have done)