PSMCAT203 : Paper-III - Software Testing

2376

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Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat and labelled diagrams wherever necessary.
3. Avoid vague answer and write answers relevant and specific to questions only.

Either:

1. a) What is the reason of software Failure? Explain in detail the solution of software failure. **8**

b) Explain in detail the power and challenges of software projects. **8**

OR

c) Explain in detail the testing phases. **8**

d) Explain the term- **8**

i) Types of Risk

ii) Risk based Testing

Either:

2. a) What are different levels of software testing? Explain in detail. **8**

b) Explain the following- **8**

i) Black box testing

ii) White box testing

OR

c) What is static analysis? Explain the advantages of static analysis. **8**

d) Discuss formal review process in detail. **8**

Either:

3. a) What is dynamic testing? Explain in detail. **8**

b) What do you mean by test cases? Explain how to design the test case while testing. **8**

OR

c)	Explain what are Test Documentation standards in detail.	**8**
d)	Write note on-	**8**
	i) Budgeting	
	ii) Scheduling the testing	

Either:

4.	a)	What is the need of testing tools? Explain the risk associated with tools.	**8**
	b)	Discuss in brief test director tool.	**8**

OR

	c)	Write difference between Human Ethics and Professional Ethics.	**8**
	d)	Write ethical issue in software engineering in detail.	**8**
5.		Attempt all the following questions.	
	a)	Explain significance of testing.	**4**
	b)	Write short note on Gorilla testing.	**4**
	c)	Explain log the defects.	**4**
	d)	What are the various criteria for selecting tools.	**4**

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