SHREE H. N. SHUKLA GROUP OF COLLEGES

(AFFILIATED TO SAURASHTRA UNIVERSITY)

3 - Vaishalinagar	**2 – Vaishalinagar**
Nr. Amrapali Railway Crossing,	**Nr. Amrapali Railway Crossing,**
Raiya road,	**Raiya Road,**
Rajkot – 360001	**Rajkot - 360001**
Ph. No- 2471645	**Ph.No–(0281)2440478,2472590**

PGDCA - Sem -2
CS-07 : SAD, Software Quality Assurance and Testing

Unit - 1 Exam

Q-1 Attempt the following. (5 marks)

1. How many fact finding techniques are there?
2. List out symbols of DFD.
3. DFD stands for _____
4. Which system is used to full fill the business goals?
5. Give full form of SRS.

Q-2 Attempt the following. (6 marks)

(1) What is system and sub system?
(2) What is feasibility study?
(3) What is Business system?

Q-3 Attempt the following. (9 marks)

(1) Explain Data Flow Diagram.
(2) Explain Data dictionary.
(3) Explain Role of system analyst.

Q-4 Attempt the following. (10 marks)

(1) Explain SDLC.
(2) Explain Decision tree and Dicision table.

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Unit - 2 Exam

Q-1 Attempt the following. (5 marks)

1. Non-Functional testing is used to test the software for performance, usability, reliability etc. TRUE or FALSE?
2. _____ is one type of investigation process for any product whether it is as per specification or not.
3. A collection of test cases is _____
4. Give the full form of SUT.
5. _____ is performed at the time of delivery or installation of the product.

Q-2 Attempt the following. (6 marks)

(1) What is bug and error?
(2) Define test case and test script in brief.
(3) What is Acceptance testing?

Q-3 Attempt the following. (9 marks)

(1) Discuss: test plan & test harness.
(2) Explain Nonfunctional testing.
(3) Explain static testing and dynamic testing.

Q-4 Attempt the following. (10 marks)

(1) Explain white box testing
(2) Explain black box testing.

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Unit - 3 Exam

Q-1 Attempt the following. (5 marks)

1. _____ model is extension of waterfall model.
2. SDM stands for _____
3. _____software is available at zero price.
4. EULA stands for_____
5. _____ is usually offered as a trial version and certain features available after the license is purchased.

Q-2 Attempt the following. (6 marks)

(1) Explain Waterfall Model in brief.
(2) Explain V-Model
(3) Write a note on Rational Suite.

Q-3 Attempt the following. (9 marks)

(1) Give the advantages and dis advantages of Big Bang Model.
(2) Write a note on QTP.
(3) Explain Spiral Model.

Q-4 Attempt the following. (10 marks)

(1) Explain Freeware, Shareware and licensed tools.
(2) Explain load runner and win runner.

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Unit - 4 Exam

Q-1 Attempt the following. (5 marks)

1. Project management 4p include___,_____,_____ and _____.
2. PERT stands for_____.
3. Give the full form of COCOMO.
4. FP stands for_____.
5. Problem decomposition, sometimes called_____.

Q-2 Attempt the following. (6 marks)

(1) What is scheduling?
(2) What is project tracking?
(3) Explain project monitoring.

Q-3 Attempt the following. (9 marks)

(1) Explain PERT chart.
(2) Project cost estimation.
(3) Explain timeline chart with diagram.

Q-4 Attempt the following. (10 marks)

(1) Explain decomposition techniques.
(2) Write a note on COCOMO model.

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Unit - 5 Exam

Q-1 Attempt the following. (5 marks)

1. Give the full form of QA.
2. _____is the extension of MS-PROJECT file.
3. Give the full form of QC.
4. Which diagram is mainly focus on object oriented analysis and design?
5. In which diagram the term "Actor" is used?

Q-2 Attempt the following. (6 marks)

(1) Explain UML.
(2) What is CAD?
(3) Explain Class diagram in brief.

Q-3 Attempt the following. (9 marks)

(1) Explain MS-PROJECT in detail.
(2) Explain MS-VISIO.
(3) Explain Activity diagram.

Q-4 Attempt the following. (10 marks)

(1) Write a note on Use Case diagram.
(2) Give difference between QA and QC.