International Institute of Health Management Research (IIHMR)
NEW DELHI
Health care IT Batch- 2020-2022
HIT-714 Quality for Healthcare IT

Max Mark: 70 M   **Max Time: 02:00 Hrs**

Multiple Choice Questions (2 mark each)   **2 x 5 = 10 marks**
1. Which requirements are the foundation from which quality is measured?
   a) Hardware
   b) Software
   c) Programmers
   d) None of the mentioned
2. Which of the following is not a SQA plan for a project?
   a) evaluations to be performed
   b) amount of technical work
   c) audits and reviews to be performed
   d) documents to be produced by the SQA group
3. Who identifies, documents, and verifies that corrections have been made to the software?
   a) Project manager
   b) Project team
   c) SQA group
   d) All of the mentioned
4. Software quality assurance consists of the auditing and reporting functions of management.
   a) True
   b) False
5. Which test refers to the retesting of a unit, integration and system after modification, in order to ascertain that the change has not introduced new faults?
   a) Regression Test
   b) Smoke Test
   c) Alpha Test
   d) Beta Test

Attempt Any Two   **20*2 M**

1. What is Six Sigma? Explain DMAIC.
2. Your company has been contracted to implement a major IT project for a leading Hospital. Your company has completed a 6 month long requirements phase and now must document all this understanding in form of the Business Requirements document. The customer wants your company to provide a document that is non-technical and can provide the user a feel of the new system. Your company on the other hand employs a team of technical experts with a sound functional knowledge of the business domain to complete this activity. List some QC activities that your company must follow to complete this document?
3. What are the causes of software defects? Explain the Software Testing Process
4. Enumerate and explain the Tools & Techniques of Quality Management. How you can improve the quality management in the organisation?

Attempt Any Two   **10*2 M**

1. What is the difference between Quality Assurance, Quality Control, and testing?
2. How do you define a format of writing a good test case? What is the difference between Functional and Non-functional testing?
3. Explain how software process assessment helps software organizations to improve themselves. Explain the testing phase of software development in detail
4. What is CAPA? How to Conduct CAPA?