Q 1 (20 Marks)	Choose the correct option for following questions. All the Questions are compulsory and carry equal marks
1	What is the first step of requirement elicitation ?
A	Identifying Stakeholder
B	Listing out Requirements
C	Requirements Gathering
D	Designing
2	The recurring aspects of designs are called design
A	Patterns
B	Documents
C	Structures
D	Methods
3	Which is true for SRS?
A	SRS is the main input of the software product design process
B	SRS is the main output to the engineering design process
C	SRS is also the main output of the requirements specification activity
D	SRS is main output of Coding process
4	Which one of the following is not an Umbrella Activity that complements the five process framework activities and
A	Reusability management
B	Risk management
C	Measurement
D	User Reviews
5	Find the total no. of function points for given system data. number of external inputs = 3, number of external outputs
A	114
B	78
C	150
D	100
6	Customer retention software of Rationality Capitals limited has estimated cost of 500000 INR with estimated duration
A	-50000
B	-100000
C	-80000
D	-150000
7	To determine each identified risk's probability and impact on the project, this concept identified as ?
A	Risk analysis
B	Risk assessment
C	Risk identification
D	Risk exploitation
8	A specification or product that has been formally reviewed and agreed upon, that thereafter serves as the basis for
A	SCM activities
B	Version control
C	Configuration audit
D	Baseline
9	Which type of testing maps to the Design phase of software development ?
A	Unit testing
B	Integration testing
C	Validation testing
D	System testing

10	Which of the following activity can not be part of maintenance ?	
A	Correction	
B	Adaptation	
C	Enhancement	
D	SRS	

Q2 (20 marks) **Solve any Two Questions out of Three**   **(10 marks each)**

A Explain Spiral model. How protyping is used in spiral model

B What are the different requirement engineering tasks? Why identifying software requirements is

C What is need of SCM in SE ? Explain change control

Q3 (20 marks) **Solve any Two Questions out of Three**   **(10 marks each)**

A Explain risk management process. prepare RMMM plan for the identified risk " Team member will leave the project

B Defference between Alpha and Beta Testing, Verification and Validation, White box and Black

C Explain Design Concepts. What is coupling adnd cohesion ? What is expected more ? and Why ?

Q4 (20 marks) **Solve any Two Questions out of Three**   **(10 marks each)**

A Draw DFD upto Level 2 for restaurent management system which has food ordering , food delivering, invoice creation

B Write short note on Process metric and Project metric.

C A system has 12 external inputs, 24 external outputs, fields 30 different external queries, manages 4 internal logical