N.B.: (1) Question no. 1 is compulsory

(3 Hours)

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QP CODE: 510101

[Total Marks: 100],

(2) Answer any four of the remaining six questions (3) All questions carry equal marks	1/4°C
 (a) Construct an ER diagram for a hospital with a set of patients and a set of medical of Associate with each patient a log of the various tests and examinations conducted all assumptions that you make about the mapping constraints (b) Explain various fact finding techniques 	doctors. d. Document 10
2. (a) Compare Spiral Model and Waterfall Model and explain when to use each	10
(b) Explain the importance of Input and Output design) 10
3. (a) What is Structured Walkthrough? Explain its need	9
(b) Explain different types of documentation	
4. (a) What is SRS? Explain the role of system analyst in it	
(b) Explain the strategic approach to software testing	n.c
5. (a) Explain Structure chart and its types	10
(b) Explain different activities of implementation and support phase	10
6. (a) Explain different Extreme Programming practices and principles	10
(b) With the help of an example explain Hipo chart and Warnier Orr diagram	10
7. Write short notes on (any four):-	20
(a) Black box testing	
(b) Normalization	
(c) SDLC	
(d) Decision tree vs. Decision Table	

(e) Cost benefit analysis