

**S.D.E.**

**M.C.A. SEM - III : SUMMER - 2018**

**SUBJECT: SOFTWARE ENGINEERING**

Day: **Tuesday**  
Date: **29/05/2018**

**S-2018-4613**

Time: **10.00 A.M. TO 1.00 P.M.**  
Max. Marks: 80

**N.B.:**

- 1) Attempt any **FIVE** questions from section –I and any **TWO** questions from Section -II
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.

**SECTION-I**

- Q.1** What is GUI? Explain proper guideline for user interface design. **(10)**
- Q.2** Discuss the inspection procedure in detail. **(10)**
- Q.3** What do you mean by structured programming? Explain in detail. **(10)**
- Q.4** What is Graphical user interface? Explain the steps of user interface design. **(10)**
- Q.5** Describe the process of version control in detail. **(10)**
- Q.6** What is CASE? Give the need of CASE tools as well as the future of CASE. **(10)**
- Q.7** Write short notes on: (Any **TWO**) **(10)**
- a) Bassline
  - b) System Analyst
  - c) Checklist

**SECTION-II**

- Q.8** Data care corporation, a leading organization in computer maintenance and support sector. The management decided to start an online portal to help customer to register their complaint, request for AMC, track the complaint status etc. Design any two data input screens and two reports for the above case. **(15)**
- Q.9** Draw context level data flow diagram and Entity relationship diagram for online college admission system. **(15)**
- Q.10** Maharashtra Electronics engaged in sales of electronic goods manufactured by different brands like LG, Samsung and Sony etc. Company is interested to develop MIS for its sales operations. The sales procedure followed is as follows: **(15)**
- a) Customer enquiries about model for specific brand.
  - b) If model is available invoice is prepared along with delivery challan(DC).
  - c) Payment is made by cash.
- Design SRS for the above case.

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