Day:	**Friday**	**S-2018-4287**	Time: **02.00 PM TO 05.00 PM**
Date:	**08/06/2018**		Max marks: 80

N.B:
1) Answers to both the sections should be written in the **SEPARATE** answer books.
2) Solve any **FIVE** questions from section-**I**.
3) Solve any **TWO** questions from section-**II**.

SECTION- I

Q.1 Explain flowchart in detail. What are different symbols used in flowchart? **(10)**

Q.2 Discuss application software and system software in detail. **(10)**

Q.3 What do you understand by the terms multitasking, multiprocessing, and real time system? **(10)**

Q.4 Differentiate between primary storage & secondary storage. Give examples of each. **(10)**

Q.5 What is topology? Explain mesh and star topologies used in computer networks. **(10)**

Q.6 What are input devices? Explain keyboard as an input device in detail. **(10)**

Q.7 Write short notes on (any **TWO**) **(10)**
  a) ERP
  b) DSS
  c) OLTP

SECTION- II

Q.8 Explain the steps involved in preparing semester time table with the MS-WORD. **(15)**

Q.9 What is internet? Explain various applications of internet. **(15)**

Q.10 Convert the following- **(15)**
  a) $(110)_2 * (101)_2 = (?)_2$
  b) Using 2's complement representation $(10101- 10001)$
  c) $(284)_{10} = (?)_8$

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