Register Number:
Name of the Candidate:

B.Sc. DEGREE EXAMINATION, May 2015

(MATHEMATICS)

(FIRST YEAR)

(PART – III)

GROUP-B: Ancillary

540. COMPUTER SCIENCE-I

Candidates joined during 2009-2010 and before

Time: Three hours   Maximum: 75 marks

Answer any FIVE questions   **(5 × 15 = 75)**
Choosing not more than THREE from any section

SECTION – A
(Programming in BASIC)

1. a) What are the different stages of program development?   (8)

   b) Discuss in detail about computer languages.   (7)

2. a) Write short notes about usages of constants and variables.   (8)

   b) What is meant by function? Give an example for function.   (7)

3. Explain in detail about assignment and input/output statements in Basic (15)
   language with an example program for each.

4. a) Discuss about Functions usage with example.   (8)

   b) Discuss about various Matrix operations.   (7)

SECTION – B
(Programming in COBOL)

5. a) Discuss the different division in COBOL.   (10)

   b) What is the use of Arithematic verbs?   (5)

6. Write a COBOL program to prepare a invoice bill.   (15)

7. a) Write a COBOL program to sort two files.   (10)

   b) What is the role of working storage section in COBOL? Explain. (5)

8. Explain in detail about various PERFORM statement? Explain with   (15)
   examples.