

**SARDAR PATEL UNIVERSITY**  
**B.B.A. (ISM) II<sup>nd</sup> SEMESTER (NC) EXAMINATION**

2016

Monday, 17<sup>th</sup> October

2.00 p.m. to 4.00 p.m.

UM02CBBS03 - 'C' Programming

Total Marks : 60

Q-1 [A] What are the different flow chart symbols? Explain with diagram. [10]

[B] Write an algorithm to calculate area of circle.. [05]

OR

Q-1 [A] What is algorithm? How it is different from flowchart? [10]

[B] Draw a flowchart to calculate area of rectangle. [05]

Q-2 [A] What is second generation computer language? How it is different from machine language. [07]

[B] Difference (1) third generation language & first generation language  
 (2) Assembly language & fourth generation language [08]

OR

Q-2 [A] What is machine language? Why we call it first generation Computer language? Explain [07]

[B] What is compiler? Explain how it is different from interpreter. [08]

Q-3 [A] List out all the Operators of C Language? Explain any four in detail with example [07]

[B] What is difference between Char(), Int () & Float () data type in C? Explain with example in detail. [08]

OR

Q-3 [A] Difference I) Input statement () & Output statement ()  
 II) Arithmetic Operator & Logical Operator [07]

[B] What is constant? What are the rules for declaring constant in C? Explain with example. [08]

Q-4 [A] What is for loop? Explain in detail with example. [08]

[B] What is conditional statements in 'C'? Explain in detail with example [07]

OR

Q-4 [A] Define with examples  
 1) if Statements 3) Switch Case [08]

[B] Write a C Program to find the maximum from four numbers. [07]