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Roll No. ....  
189053

**DVOC (Level 5)**  
**Sem / Trade**  
**Subject : Programming in C**

Time : 2 Hrs. M.M. : 50

### **SECTION-A**

**Note:**Very short questions. Attempt all ten questions.  
(10x1=10)

- Q.1 How variable is declared.
- Q.2 Write syntax of for loop.
- Q.3 What is meant by storage classes.
- Q.4 What is meant by function prototype.
- Q.5 Define operator.
- Q.6 What is the difference between operator and operand.
- Q.7 Write down the difference between = and ==?
- Q.8 "Pointer variable is unary". This statement is True or False?
- Q.9 Write advantage of union.
- Q.10 Define a file.

### **SECTION-B**

**Note:** Short answer type questions. Attempt any six questions out of eight questions. (6x5=30)

- Q.11 Write a short note on relational operator.
- Q.12 What is meant by single dimensional array?  
How is it declared and initialized.
- Q.13 Write a short note on call by value with suitable example.
- Q.14 Differentiate between break and continue statement.
- Q.15 Write down advantages of pointers.
- Q.16 What is meant by switch case. What is its purpose.
- Q.17 Define function. How function is called. Also write down types of function.
- Q.18 Write short note on file manipulation using standard function types?

### **SECTION-C**

**Note:**Long answer questions. Attempt any one questions out of two questions. (1x10=10)

- Q.19 What are basic data types in 'C'? Explain them with examples.
- Q.20 Differentiate between while loop, Do while loop and for loop.

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