

10 APR 2019

SeatNo. \_\_\_\_\_

**Examination March/April – 2019**

**BCA SEM - II**

**Paper No. – BCA-CC-205**

**Subject Name: Advanced C Programming**

**Duration: 2:30 hrs**

*Code-20207*

**Total Marks: 70**

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|-------|---|---|
| Q-1-A | Write the difference between structure and union.   | 7 |
| Q-1-B | Define Structure, explain Structure with example.   | 7 |
| OR    |   |   |
| Q-1-A | What is Union? Write a detail note on union.  | 7 |
| Q-1-B | Write a short note on function returning pointer  | 7 |
| Q-2-A | What is Function? Explain with example.   | 7 |
| Q-2-B | Explain Character Array with example.   | 7 |
| OR    |   |   |
| Q-2-A | What is Pointer? Give Arithmetic operation with suitable example  | 7 |
| Q-2-B | Explain Structure and Union as a function Argument with example.  |   |
| Q-3-A | What is linked list? Explain Singly link list   | 7 |
| Q-3-B | What is linked list? Explain singly linked list with all its operations.  |   |
| OR    |   |   |
| Q-3-A | Write a C program to implement various operations on single link list.  | 7 |
| Q-3-B | What is dynamic memory allocation explain with example.   | 7 |
| Q-4-A | Write down brief Note on File Management.   | 7 |
| Q-4-B | What is random access file? Explain fseek() with suitable example.  | 7 |
| OR    |   |   |
| Q-4-A | Explain various modes of files with examples.   | 7 |
| Q-4-B | Explain any three file handling function.   | 7 |
| Q-5-A | Explain #define and #include with example.  | 7 |
| Q-5-B | What is Bit-wise operator? How many types of bit-wise operator?<br>Explain bit-wise shift operator with example | 7 |