



RAN - 1903000202030082

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**F.Y.B.Sc. (Computer Science) (Sem-II) Examination**

**March / April - 2019**

**202 - Programming in 'C' - II**

**[ Total Marks: 50**

**सूचना : / Instructions**

नीचे दशविले निशानीवाणी विगतो उत्तरवली पर अवश्य लपववी.

Fill up strictly the details of signs on your answer book

Name of the Examination:

F.Y.B.Sc. (Computer Science) (Sem-II)

Name of the Subject :

202 - Programming in 'C' - II

Subject Code No.: 1903000202030082

Seat No.:

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Student's Signature

**Q-1. Answer the following:**

**[10]**

1. What do you mean by random accessing a file? How it differ from sequential file?
2. What do you mean by null pointer? Why is it important?
3. What is the difference between typedef and #define?
4. Describe elements of array using following statement:  
int c[] = {1,3,0,-1, 5, 9};  
int \*p = c;
5. Describe about fseek( ).

**Q-2. [A] Explain about array of structure with example.**

**[6]**

**[B] Describe abouta chain of pointers with example.**

**[5]**

**OR**

**Q-2. [A] How to deal with multidimensional array with pointer variable?**

**[6]**

Give suitable example.

**[B] Describe about return pointer from function in c. How to implement it?**

**[5]**

- Q-3.** [A] Explain about array of pointer with appropriate example. [7]  
[B] Write a c program which read the text file and remove imputed character from file and display content on screen. [7]

**OR**

- Q-3.** [A] Explain about preprocessor and importance of it. [7]  
[B] Write a c program to transpose a matrix using pointer and display result for it. [7]

**Q-4.** **Attempt Any THREE short notes from following:** [15]

1. Macro
  2. Structure Vs. Union
  3. File handling functions: fprintf() and fscanf()
  4. Dynamic memory allocation functions.
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