



K21U 3600

Reg. No. :

Name :

**II Semester B.Sc. Degree (CBCSS – Supple.) Examination, April 2021
(2014 – 2018 Admission)
COMPLEMENTARY COURSE IN COMPUTER SCIENCE
2C02CSC : Programming in C**

Time : 3 Hours

Max. Marks : 32

SECTION – A

1. **One** word answer. **(6×0.5=3)**
- a) A declaration float a, b; occupies _____ bytes of memory.
 - b) What will be the output ?

```
void main () {  
printf ("%d", 'B'<'A');}
```
 - c) Which is used as a string termination character ?
 - d) A static variable by default gets initialized to
 - e) Which function is used to reallocate memory ?
 - f) Symbolic constants can be defined using.

SECTION – B

Write short notes on **any five** of the following questions. **(5×2=10)**

- 2. What is global variable ?
- 3. What is the use of getch() function ?
- 4. What are the advantages of functions ?
- 5. What is purpose of keyword void ?
- 6. What is meant by associativity ?
- 7. What is meant by storage class of variable ?
- 8. What are C tokens ?
- 9. What is structure ?

P.T.O.



SECTION – C

Write short notes on **any three** of the following questions.

(3×3=9)

10. Explain any three data types used in C language.
11. Explain symbolic constants used in C.
12. Explain nested if else with an example.
13. Explain any 3 string functions with suitable example.
14. What is automatic storage class specifier ?

SECTION – D

Write short notes on **any two** of the following questions.

(2×5=10)

15. Compare while loop and for loop with example.
 16. What is the recursive function ? List out their merits and demerits.
 17. Write a C program to find sum of digits in a given number.
 18. What are arrays ? How it is declared and initialized ? How to access the array ?
How memory is allocated ?
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