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**SUBJECT CODE NO: - YY-2398**  
**FACULTY OF SCIENCE AND TECHNOLOGY**  
**B.Sc. (CBCGS)(Pattern 2022) F.Y SEM II**  
**Examination April / May - 2024**  
**Computer Science Paper-V Basic C Programming**

[Time:1:30 Hours]

[Max. Marks:40]

Please check whether you have got the right question paper.

N. B

- 1) All questions are compulsory.
- 2) All questions are carry equal marks.
- 3) Draw neat diagram and give label whenever necessary.

**Q.1** Explain formatted input/output function with example. 10

OR

- a) Explain increment and decrement operator. 5
- b) Write basic structure of C program. 5

**Q.2** Write a program in C to check given number is prime or not. 10

OR

- a) Write a program in C to calculate  $c=a^2+b^2$  5  
(a & b are given integer number).
- b) Explain while loop statement with example. 5

**Q.3** Write shorts notes on (any two) 10

- a) Data types
- b) Switch..case
- c) Logical operator
- d) Constant



**Q.4** Multiple choice questions. 10

1. Every program statement in a C program must end with a .....
  - a) ;
  - b) <>
  - c) :
  - d) -
2. .... called Logical OR operator.
  - a) ||
  - b) OR
  - c) &&
  - d) <>
3. The escape sequence character..... causes the cursor to move to the next line on the screen
  - a) \t
  - b) \NEW
  - c) \n
  - d) None of these



