**Sri Chandrasekharendra Saraswathi Viswa Maha Vidyalaya   
(Deemed to be University u/s 3 of the UGC Act 1956)**



**Department of Computer Science and Applications**

**INTERNAL EXAMINATION- I SEP ‘2025**

**SUB. NAME:** Object Oriented Programming with C++ **SEM :** I

**SUB.CODE:** UCYF231T30 **COURSE:** I BSc (Cy)

**MARKS:** 30 **DURATION:** 90 MINS  
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**PART- A 4X2=8**

**ANSWER ALL THE QUESTIONS**

1. Define function and its types with examples (C2, K2, K3)
2. Discuss the difference between Pre/Post increment operator with examples (C1, K2, K3)
3. Explain different types of comment statements and its purpose (C1, K2)
4. Discuss about escape characters and format specifiers with example snippet (C1, K1, K3)

**PART- B 1X7=7**

**ANSWER ANY ONE QUESTION**

1. Compare and Explain the syntax of do loop and while loop with an example snippet (C2, K1, K2, K3)
2. Write about header files and its types with an executable program (C1, K2, K3)

**PART- C 1X15=15**

**ANSWER ANY ONE QUESTION**

1. (a) Explain the use of arrays with an example program to list food menu items name in a restaurant – 8 (C1, K1, K2, K3, K4)

(b) What is the use of structures, Explain with an example -7 (C1, K1, K2, K3)

8. Compare and Explain switch-case and if-else-if to check keyed   
 user input is Vowel or Consonants (C2, K1, K2, K3)

| BTL | Remembering | Understanding | Applying | Analyzing | Evaluating | Creating |
| --- | --- | --- | --- | --- | --- | --- |
| Marks: | 5 | 10 | 27 | 10 | - | - |
| % | 9.6% | 19.2% | 51.9% | 19.2% | - | - |

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**PART- B 1X7=7**

**ANSWER ANY ONE QUESTION**

1. Compare and Explain the syntax of do loop and while loop with an example snippet (C2, K1, K2, K3)
2. Write about header files and its types with an executable program (C1, K2, K3)

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