This question paper contains **2** printed pages]

# VA—322—2024

**FACULTY OF SCIENCE AND TECHNOLOGY**

**B.Sc. (Third Year) (Fifth Semester) EXAMINATION**

**NOVEMBER/DECEMBER, 2024**

**(New/CBCS Pattern)**

COMPUTER SCIENCE

Paper XIII-B

(Advanced Java Programming)

**(Monday, 23-12-2024)**                          **Time : 10.00 a.m. to 12.00 noon**

*Time—Two Hours*                                      *Maximum Marks*—40

N.B. :—   (*i*)    *All* questions are compulsory.

        (*ii*)    Answer suitable data, if necessary.

1.    Attempt the following :

(*a*)    Explain basics of object oriented programming.                          15

<div align="center"><em>Or</em></div>

(*b*)    Write a program in Java using multiple catch statement.                  8

(*c*)    How to throw our own exception ? Explain with example.                  7

P.T.O.

2. Attempt the following :

(*a*) Draw and explain applet life cycle. 15

*Or*

(*b*) Explain drawing polygon with a suitable example. 8

(*c*) Explain character stream classes. 7

3. Write short notes on (any *two*) : 10

(*a*) Synchronization

(*b*) Run time error

(*c*) Design web page

(*d*) Concept of streams.