

Nagar Yuwak Shikshan Sanstha's
Yeshwantrao Chavan College of Engineering
(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)
Hingna Road, Wanadongri, Nagpur - 441 110

EVEN Term 2021-22 26.08.22 Mid Semester Exam II
Second Semester B.Tech

AIDS-2156 Object Oriented Programming

Time: 1Hr 30 Min]

[Max Marks: 30

Instructions to examinees:

- 1) No additional answer book will be supplied.
- 2) Attempt all questions.
- 3) Figures in bracket to the right indicate the marks for questions.
- 4) Assume suitable data wherever necessary.

Q.1	Solve the following	Marks	CO & Bloom's Level
a)	Develop java program which will create two threads. One will print numbers from 1 to 10 and other will print 30 to 20.	05	CO2, L6
b)	Explain thread life cycle with suitable diagram.	02+03	CO2, L2
Q.2			
a)	Explain MVC architecture in details	01+03	CO3, L2
b)	Demonstrate the java applet program with describing following methods in short. i) fillRoundedRect()	02+04	CO3, L3

	ii) drawOval() iii) drawArc() iv) drawRect()		
Q.3			
a)	Design a java application by using Swing components like JButton, JRadioButton, JTextArea, and JComboBox.	05	CO4, L6
b)	What is event handling? Demonstrate with java application, when a button is pressed it should display message in a text field.	01+04	CO4, L3