Sanjay Ghodawat University, Kolhapur

2020-21

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/00

Year and Program: F.Y.MCA	**School of Computer Science and Application**	**Department : M.C.A.**
Course Code: MCA109	**Course Title: Java Programming**	**Semester : I**
Day and Date: Friday 11 June 2021	**End Semester Examination**	**Time : 2 Hrs.** **Max Marks : 50**

Instructions: 1) All Questions are compulsory.

2) **Write error free program.**

		Marks	**Bloom's Level**	**CO**
Q.1	**Answer/Solve the following (any Two)**			
a)	Explain Jagged Array and Jagged Array with proper example.	8	L2	CO1
b)	Describe use of inheritance with proper example.	8	L3	CO2
c)	Demonstrate use of Interface in inheritance? Explain with proper example	8	L3	CO2
Q.2	**Answer/Solve the following (any two)**			
a)	What is the use of exception handling? Give proper example.	8	L3	CO3
b)	How you can read and write data into File?	8	L2	CO3
c)	Explain use of different layouts and components in Swing/Applet.	8	L3	CO3
Q.3	**Answer/Solve the following (any two)**			
a)	What is the function of Multithreading?	9	L4	CO3
b)	Explain life cycle of Servlet or JSP.	9	L2	CO4
c)	Demonstrate calling procedure of Oracle from Java	9	L3	CO4

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