TELANGANA UNIVERSITY S.S.R. DEGREE COLLEGE, NIZAMABAD (C.C:5029) V SEMESTER INTERNAL ASSESSMENT II EXAMINATIONS JAVA PROGRAMMING QUESTION BANK

I. Multiple choice questions.			
1. How many stages are present in life cycle of a thread.			[c]
a. 4	b) 3	c) 5	d) 2
Basically errors are classified into categories.			[c]
a. 1	b) 4	c) 2	d) 0
3. Which exception is used to solve numerical operation.			[a]
a. Arithmetic	b) Built-in	c) Array	d) Interrupted
4. Which stage is considered as not runnable and not even a dead stage. [a			[a]
a. Blocked stage	b) New born stage	c) Running stage	d) Dead stage
5. Which blocking thread is used for a specified a time			[a]
a. sleep (b) suspend()	c) waid ()	d) array ()
6. Which exception is thrown when an input-output operation failed (or) interrupted. [a]			
a. I ₀ exception	b) interrupted	c) Null pointer	d) Runtime
II. Fill in the blanks.			
1. Exception handling is the powerful mechanism to handle the runtime error.			

2. <u>Multi threading</u> is a process of instance of a computer program that is executed sequentially.

- 3. Run method is a heart and soul of any thread.
- 4. <u>call by value</u> passes the value of actual parameter to formal parameter.
- 5. <u>call by reference</u> passes the address of actual parameter to formal parameter.
- 6. <u>Run time</u> exception represents any exception which occurs during runtime.
- 7. <u>Notify ()</u> is called the case of a wait method.
- 8. <u>New born state</u> is a stage is not scheduled for running.
- 9. The format parameters are <u>ordinary</u> variables in call by value.
- 10. Actual and formal parameters refers to <u>same</u> memory location in call by reference.
- 11. Java plug in softwar is responsible to manage the life cycle of an applet.
- 12. There are <u>2</u> ways to run an applet.
- 13. <u>Foreground</u> events require the direct interaction of user.
- 14. Event handling is the mechanism that controls the event and decide what should happen if an event occur.
- 15. Abstract window took kit is an API to develop GUI or widow based application in Java.
- 16. The panal is the container that doesn't contain file bar & menu bar.
- 17. The <u>frame</u> is the container that contain title bar & menu bar.
- 18. There are two ways to create a frame in AWT.
- 19. The <u>check box</u> elass is used to create a check box.
- 20. Swing is a part of java foundation classes (JFC).
- 21. <u>GUI</u> plays an important role to built easy interfaces for java applications.
- 22. <u>AWT</u> doesn't support features like icon's and tool tips.
- 23. Swing supports features like icon's and tool tips.
- III. Short Answers.
- 1. Define exceptions.

Ans: An exception is a condition that is caused by a runtime errors in the program.

2. What are threads?

Ans: Thread is a light weight process which exists within a program and executed to perform a special task. 3. Name the stages in life cycle of a thread.

Ans: New born state, runnable state, running state, blocking state dead lock state.

4. Which stage is considered as not runnable and not even a dead stage.

Ans: Blocked state.
5. What is meant by blocking a thread?
Ans: Thread will be temporary suspended are blocked.
6. What is Applet?
Ans: It is a special type of program that is embedded in webpage to generate the dynamic content.
7. What is an event?
Ans: A change in the state of an object is known as an event.
8. What is AWT?
Ans: Abstract window Toolkit.
9. How many types of containers in java AWT and what are there?
Ans: 4 types 1) window 2) panel 3) frame 4) dialog
10. What is swing?

Ans: Java swing is a part of java foundation classes (JFC) that is used to create window-based applications.