

SEAT No. \_\_\_\_\_

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SARDAR PATEL UNIVERSITY  
M.Sc.(Geoinformatics)  
SEMESTER-II  
External Examination- 2018  
PS02CGIN23:Java Programming  
13<sup>th</sup> April,2018

Time: 10:00am to 01.00pm

Marks:70

Q1 Give answers of following Multiple choice questions

[8]

- 1 Which of these method is used to explicitly set the priority of a thread?  
A set() B make()  
C setPriority() D makePriority()
- 2 Which Two Methods supported by java beans?  
A getmethod & setmethod B getvisible & setvisible  
C getresponse & setresponse D getsize & setLayout
- 3 To run an applet.....command is used.  
A run B java  
C appletviewer D Applet
- 4 What is the Full name of RMI?  
A Remote method interface B Remote method invocation  
C Remote member invocation D Remote member interface
- 5 Which of these methods are used to register a keyboard event listener?  
A KeyListener() B addKistener()  
C addKeyListener() D eventKeyboardListener()
- 6 Which of these is a super class of all exceptional type classes?  
A String B RuntimeExceptions  
C Throwable D Cachable
- 7 Which of these keyword must be used to inherit a class?  
A this B Super  
C extends D Stream
- 8 Which of these keywords can be used to prevent Method overriding?  
A static B constant  
C Protected D final

Q2 Do as directed (Any 7)

[14]

- 1 What is an Event? Describe Event Delegation Model?
- 2 Explain final keyword in java with example.
- 3 What is difference between abstract class and interface with example.
- 4 Write a short note on 'this' and 'super' keyword.
- 5 Write any four methods of Writer class.
- 6 Explain the life cycle of the servlet.
- 7 Write a short note on "JVM".
- 8 Write the steps for creating an Applet.
- 9 What is difference between AWT and Swing?

- Q3 [A] What is Java? List all features of JAVA and explain any six. [6]  
Q3 [B] What is a Thread? Explain two ways of Thread creating? Describe different state of a Thread. [6]
- OR**
- Q3 [B] What is JDBC? Explain various JDBC drivers. [6]  
Q4 [A] What is Exception? Explain exception handling mechanism in java with suitable example. [6]  
Q4 [B] What is layout manager? List different layouts and describe Border layout in details with example [6]
- OR**
- Q4 [B] What is collection Framework? Explain ArrayList class using with example. [6]  
Q5 [A] Write short note on method overloading and method overriding. [6]  
Q5 [B] What is a package? List steps for creating a package and explain with example? [6]
- OR**
- Q5 [B] What is JSP? Why should we use it? Mention the type of scripting elements used in JSP. [6]  
Q6 [A] Explain inheritance in detail in java with suitable example. [6]  
Q6 [B] Explain Java mail API in detail. [6]
- OR**
- Q6 [B] What is Java bean? Discuss its architecture & and state its advantages. [6]

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