

B.SC. (I. T.) SEM. - IV (CBCS - 2015 COURSE) : SUMMER - 2018
SUBJECT: ADVANCED JAVA

Day: **Thursday**
Date: **24/05/2018**

S-2018-0953

Time: **10.00 a.m. to 01.00 p.m.**
Max. Marks: 60

N.B:

- 1) Solve any **SIX** questions.
 - 2) Figures to the right indicate **FULL** marks.
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- Q.1** a) Differentiate between flow and grid layout manger. (05)
b) Write a note on inter thread communication. (05)
- Q.2** a) Write the code to connect with 'student' database and read the data from 'semfour' table as rollno, name and marks. (05)
b) Explain PreparedStatement with example. (05)
- Q.3** a) Explain any 5 key events. (05)
b) Explain HashSet and TreeSet. (05)
- Q.4** a) Explain methods used in HttpSession. (05)
b) Write HTTP code to enter the user in wifi connection by entering password. Check validity of password. (05)
- Q.5** a) Explain jsp:getproperty with purpose and example. (05)
b) Explain the use of synchronized method and synchronized block with example. (05)
- Q.6** a) Explain different components used in swing with example. (05)
b) What are cookies? Explain. (05)
- Q.7** a) Explain following JSP elements with example. (05)
Scriptlets, JSP comment, declaration, directives, expression.
b) Explain run () and notifyAll () method of Thread. (05)
- Q.8** a) Explain life cycle of servlet. (05)
b) Write a java code to change the background colour of the form as per selection by menu and as per selection by pop up menu. (05)

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