

T.E (I.T) Sem VI (Rev)

V-A4-1st-Hf-Ex-13-E-77

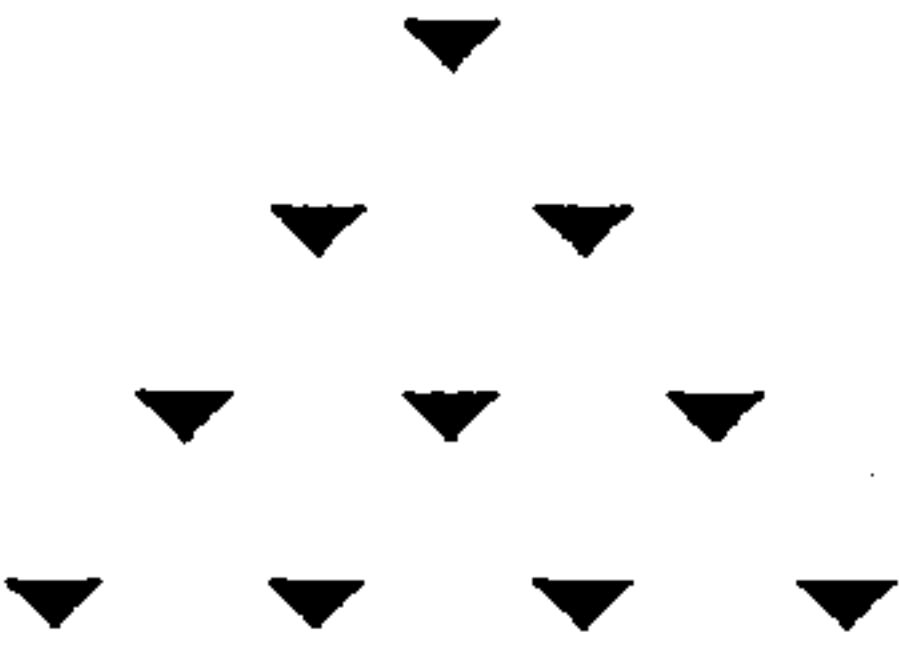
Con. 10078-13.

Programming for
Mobile & Remote
Computer

GS-1420

[Total Marks : 100

- N.B. : (1) Question No. 1 is compulsory.
(2) Attempt any four questions out of remaining six questions.

1. (a) Write note on MVC architecture. 10
(b) Explain the life cycle of MIDlet. Justify the need of making function destroy App(boolean unconditional) as false and true. 10
2. (a) Design a MIDP application to generate following pattern on mobile screen using Custom Item Class. 10
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- (b) What is event handling in J2ME ? Explain types of event handling. Differentiate between ItemStateListener and CommandListener. 10
3. (a) What are JDBC drivers ? State its types and elaborate each of them. 10
(b) Explain architecture of J2EE5. 10
4. (a) Differentiate between : 10
(i) Applet and MIDlet
(ii) MIDlet and Servlet.
(b) Write a MIDP application to create an exclusive list performing functions such as calculating area of triangle, rectangle, circle and square using choice-Group Class. 10
5. (a) Differentiate between :— 10
(i) High level API and Low level API.
(ii) List and Choice Group.
(b) Create a MIDP application to display smiley face on mobile screen using canvas class. 10
6. (a) Explain life cycle of servlet. 10
(b) Explain web centric approach and EJB centric approach of creating web application. 10
7. Write short note on :— 20
(a) Piconet and Scatternet.
(b) Struts.
(c) Hibernnet.
(d) Multipart Message.