

**Q.P. Code : 24942**

**[Time: Three Hours]**

**[ Marks:80]**

Please check whether you have got the right question paper.

- N.B: 1. Question.No.1 is compulsory.  
2. Solve any three of the remaining five.

- Q.1** a) Explain the cloud computing deployment model. **10**  
b) Explain how cloud infrastructure is provided for an application. **10**
- Q.2** a) What are the advantages of mobile cloud computing and give the difference between cloud computing and mobile cloud computing. **10**  
b) What is offloading and explain its uses. **10**
- Q.3** a) Explain the concept of green mobile cloud computing. **10**  
b) Explain the significance of resource allocation. **10**
- Q.4** a) Explain cloud business model for any business applications. **10**  
b) Explain what is virtualization and its various technologies used in cloud. **10**
- Q.5** a) What are the challenges in mobile computing? **10**  
b) Explain cloud mobile media application. **10**
- Q.6** a) Explain how bandwidth allocation is done in mobile cloud computing. **10**  
b) Explain mobile cloud biometric application. **10**

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