## ***City University***

#### Faculty of Science & Engineering

**Department of Computer Science and Engineering**

**Program: B.Sc. in CSE**

**Class Test** Semester: Fall 2016

Course Code: SE 413 Course Title: Internet & Inter Technology

Total Marks: 10  Duration: 30 minutes

***Answer all questions 10***

|  |  |  |
| --- | --- | --- |
| **1(a)** | Explain in details with example B2B, B2C, C2C, G2C | *4* |
| **(b)** | What the difference one tire and two tire server client Architecture | *2* |
| **(c)** | Ip: 192.168.1.0  Subnet: 6  Host for each Subnet=30  Find out  Subnet mask=?  1st Network, Network IP=?  3rd Network Broadcast IP=?  Last Network Last valid IP=? | *1*  *1*  *1*  *1* |

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|  |  |  |
| --- | --- | --- |
| **1(a)** | Draw architecture of the Internet | *4* |
| **(b)** | Write in one line Socket(), Bind(), Listen(), Accept() | *2* |
| **(c)** | Ip: 192.168.1.0  Subnet: 6  Host for each Subnet=30  Find out  Block bit=?  1st Network, Last IP=?  4th Network Broadcast IP=?  Last Network first valid IP=? | *1*  *1*  *1*  *1* |