AD-3301
Third Year B. Sc. (Electronics) (Sem. VI) Examination
March/April – 2015
Advance Networking & Cyber Security
(Generic Elective for Electronics)

Time : 2 Hours] [Total Marks : 50
Instructions :
(1) Fill up strictly the details of signs on your answer book.
Name of the Examination :
THIRD YEAR B. SC. (ELECTRONICS) (SEM. VI)
Name of the Subject :
ADVANCE NETWORKING & CYBER SECURITY
Subject Code No. 3 3 0 1 Section No. (1, 2,.....) Nil
Seat No. :

Student’s Signature

(2) Figure on the right indicates full marks.
(3) All symbols and abbreviations have their usual meaning.
(4) Non-programmable calculators are allowed
(5) Q.1 is compulsory
(6) Assume data if necessary

1 Answer in short: 8
(a) Define internet & intranet.
(b) Define hacking & virus.
(c) Define protocols.
(d) Give the expanded form of PAN & SAN.

2 (a) Define Wireless LAN. Describe briefly the infrared wireless LAN. 7

(b) Briefly explain ATM LAN. 7

OR

2 (a) Enlist various bridges and explain transparent bridges and source routing bridges. 7

(b) Briefly explain virtual LAN. 7

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3  (a) Briefly explain SNMP.  
    (b) Draw the network management architecture and explain it in detail.

    **OR**

3  (a) Write a short note on wireless PAN.  
    (b) Show the different fibre channel layers and explain them briefly.

4  Write short notes:  **(ANY TWO)**
   (a) Bluetooth technology
   (b) Wireless home networking
   (c) Virtual private network
   (d) Cryptography