

[6/A7] SEAT No. \_\_\_\_\_

No. of Printed Pages : 1

Sardar Patel University

BBA(ISM) Examination (V Semester)

Wednesday, 8<sup>th</sup> November 2017

10.00 AM – 12.00 PM

DATA COMMUNICATION &amp; COMPUTER NETWORK: UM05CBBS02

Total Marks: 60

**Q-1 Answer the following.**

- A. List various Network Models and explain OSI model in brief. (10)  
 B. Write a short note on: LAN. (05)

OR

- A. What is Computer Network? Explain its advantages it. (08)  
 B. What is LAN? List various types of components of LAN and explain them in detail. (07)

**Q-2 Answer the Following.**

- A. What do you mean Guided Media and Unguided Media? explain Twisted Pair cable and Coaxial Cable in detail. (15)

OR

- A. What do you mean by Multiplexing? Explain Frequency Division Multiplexing and Time Division Multiplexing in detail. (10)  
 B. Write short note on: Fiber Optics Cable. (05)

**Q-3 Answer the following.**

- A. Write short note on: (15)  
 1. MESH  
 2. STAR

OR

- A. Write short note on: (15)  
 1. BUS  
 2. RING

**Q-4 Answer the Following.**

- A. Write a note on HUB. (07)  
 B. Write down difference between HUB & SWITCH. (06)  
 C. What do you mean by Repeater? (02)

OR

- A. Write a short note on: (15)  
 1. REPEATER  
 2. ROUTER  
 3. GATEWAY