

GVM's GGPR College of Commerce & Economics,  
Farmagudi- Ponda, Goa.

B.C.A. (Semester IV) Intra Semester Assessment (ISA) III- Test, March 2020

**COMPUTER NETWORKS**

Duration: 45 minutes

Marks: 15

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| 1) Write a short note on:                | (04 marks)          |
| i) Virtual Circuits                      | ii)Datagram Subnets |
| 2) Define the following terms:           | (02 marks)          |
| a) Piggybacking                          | b) Framing          |
| 3) Generate Hamming Code for Data : 1101 | (02 marks)          |
| 4) Explain Stop and Wait Protocol        | (03 marks)          |
| 5) Explain HDLC Protocol Frame Format    | (04 marks)          |