



GAV-3354-55

Seat No. _____

B. C. A. (Sem. III) Examination

November / December - 2013

BCA-304 : Computer Network - (CE) (New Course)

BCA-304 : Enterprise Resource Planning

Time : 3 Hours]

[Total Marks : 70

BCA-304 : Computer Network - (CE) (New Course)

- 1 (a) Give the answer in short : 6
- (i) What is computer network ?
 - (ii) What is topology ?
 - (iii) Explain crosstalk.
 - (iv) Explain trunks.
 - (v) What is MAC address ?
 - (vi) What is Demultiplexing ?
- (b) Give the answer in detail : (any three) 12
- (i) Explain the TCP/IP reference model.
 - (ii) What is Multiplexing ? Explain FDM in detail.
 - (iii) Explain any three topologies.
 - (iv) Explain in packet and message switching.
- 2 (a) Give the answer in short : 5
- (i) Transmission media.
 - (ii) What is Guided Media ?
 - (iii) What is solitons ?
 - (iv) List out types of propagation.
 - (v) Omni directional antennas.

- (b) Give the answer in detail : (any **three**) 12
- (i) Explain Fiber Optics cable.
 - (ii) Explain Broadband CO-axial cable.
 - (iii) Explain twisted pair cable.
 - (iv) Explain Radio transmission and infrared.
- 3 (a) Explain following terms : 6
- (i) What is Modem ?
 - (ii) Subnetting.
 - (iii) Router
 - (iv) Piggybacking
 - (v) Full duplex
 - (vi) Function of Bridge.
- (b) Give the answer in detail : (any **three**) 12
- (i) Explain any three data communication device.
 - (ii) Explain the HDLC.
 - (iii) Explain the BSC frame.
 - (iv) Explain the all class of IP address in details.
- 4 (a) Define the following term : 5
- (i) Mobile computing
 - (ii) Smart phone
 - (iii) 2G
 - (iv) Full form of : CDMA
 - (v) Full form of : GPRS.
- (b) Give the answer in detail : (any **two**) 12
- (i) Explain the PDA and GPS.
 - (ii) Explain tabled computer.
 - (iii) Explain Wi-Fi connection.

BCA - 304 : Enterprise Resource Planning

- Instructions :** (1) All questions are **compulsory** and carry **equal** weight.
(2) Figures to the **right** indicate full marks.
(3) Rough work is done in the last page of main supplementary.

- 1 (a) Do as directed : 6
(i) ERP stands for _____
(ii) BPR stands for _____
(iii) MIS stands for _____
(iv) DSS stands for _____
(v) EIS stands for _____
(vi) SCM stands for _____
(b) Attempt the following : (any **three**) 12
(i) Explain the advantage of ERP.
(ii) Discuss the benefits of BPR.
(iii) Write a short note on SCM.
(iv) Discuss Integrated Management Information
- 2 (a) Do as directed : 5
(i) Define : Gap Analysis
(ii) Define : Reengineering
(iii) Define : Testing :
(iv) Define : End user
(v) Define : Planning
(b) Attempt the following : (any **three**) 12
(i) Explain role of vendors into the ERP.
(ii) What are the cost and benefits of ERP ?
(iii) Discuss the evolution of ERP from an information point of view.
(iv) Discuss about pre-evaluation screening.

- 3 (a) Do as directed : 6
- (i) What is Plant Management ?
 - (ii) List out Human Resources Modules.
 - (iii) What is Materials Management ?
 - (iv) What is JD Edwards ?
 - (v) List out people soft Enterprise Applications.
 - (vi) What is Manufacturing ?
- (b) Attempt the following : (any **three**) 12
- (i) What are the different modules of the ERP system ?
 - (ii) Explain the financial Module components.
 - (iii) Explain Quality Management module functions.
 - (iv) Write a short note on Business Modules.
- 4 (a) Do as directed : 5
- (i) Define : E-Commerce
 - (ii) Define : Data Warehousing
 - (iii) Define : Data Mining.
 - (iv) GIS stands for _____
 - (v) OLAP stands for _____
- (b) Attempt the following : (any **three**) 12
- (i) What are the limitations of ERP ?
 - (ii) Discuss the Customer Relationship Management.
 - (iii) Difference between "Intranets" and "Extranets".
 - (iv) Write a short note on GIS use in ERP.
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