

FUTURE VISION BIE

One Stop for All Study Materials
& Lab Programs



Future Vision

By K B Hemanth Raj

Scan the QR Code to Visit the Web Page



Or

Visit : <https://hemanthrajhemu.github.io>

Gain Access to All Study Materials according to VTU,
Currently for CSE – Computer Science Engineering...

Join Telegram to get Instant Updates: https://bit.ly/VTU_TELEGRAM

Contact: MAIL: futurevisionbie@gmail.com

INSTAGRAM: www.instagram.com/hemanthraj_hemu/

INSTAGRAM: www.instagram.com/futurevisionbie/

WHATSAPP SHARE: <https://bit.ly/FVBIESHARE>

COMPUTER NETWORKS

[As per Choice Based Credit System (CBCS) scheme]

(Effective from the academic year 2017 -2018)

SEMESTER – V

Subject Code **17CS52**

IA Marks **40**

Number of Lecture Hours/Week **04**

Exam Marks **60**

Module 4

1. Show the components of GSM 2G cellular network architecture with a diagram. (7-Marks) (7a) (Dec.2017/Jan.2018)
2. Illustrate the steps involved in mobile IP registration with home agent. (5-Marks) (7b) (Dec.2017/Jan.2018)
3. Write a note on mobile IP. (4-Marks) (7c) (Dec.2017/Jan.2018)
4. Define Handoff. Explain the steps accomplishing a handoff. (7-Marks) (8a) (Dec.2017/Jan.2018)
5. Bring out the mechanism of direct routing to mobile node in mobility management. (6-Marks) (8b) (Dec.2017/Jan.2018)
6. Compare the 4G LTE standard to 3G system. (3-Marks) (8c) (Dec.2017/Jan.2018)
7. Define cellular network. Give the overview of GSM cellular network architecture. (8-Marks) (7a) (June/July 2018)
8. Explain the two different types of routing approaches to mobile node. (8-Marks) (7b) (June/July 2018)

9. Explain the following concepts of Mobile-IP:
 - i) Agent discovery
 - ii) Registration with home agent. (8-Marks) (8a) (June/July 2018)
10. Illustrate the steps involved when a base station does decide to hand-off a mobile user. (8-Marks) (8b) (June/July 2018)
11. Explain components of a cellular network architecture. (8-Marks) (7a) (Dec.2018/Jan.2019)
12. Explain direct routing of a mobile node. (8-Marks) (7b) (Dec.2018/Jan.2019)
13. Explain steps of handoff a mobile user. (8-Marks) (8a) (Dec.2018/Jan.2019)
14. Explain HLR, VLR, home address, care-of-address. (8-Marks) (8b) (Dec.2018/Jan.2019)

**ANSWER SCRIP FOR THESE
QUESTIONS WILL BE UPLOADED ASAP**

Visit:

<https://hemanthrajhemu.github.io/AnswerScript>

THANK YOU

Join Telegram Channel to receive Instant Updates..

<https://t.me/joinchat/AAAAAFTtp8kuvCHALxuMaQ>
