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By K B Hemanth Raj

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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**

These Questions are being framed for helping the students in the "FINAL Exams" Only (Remember for Internals the Question Paper is set by your respective teachers). Questions may be repeated, just to show students how VTU can frame Questions.

- **ADMIN**

Module 1

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1. Compare client server and Perl-to-Peer architecture. (5-Marks) (1a) (Dec.2017/Jan.2018)

2. Describe HTTP with persistent and non-persistent connections. (8-Marks) (1b) (Dec.2017/Jan.2018)

3. What are the services provided by DNS? (3-Marks) (1c) (Dec.2017/Jan.2018)

4. Demonstrate socket implementation using TCP. (8-Marks) (2a) (Dec.2017/Jan.2018)

5. Write a note on web caching. (4-Marks) (2b) (Dec.2017/Jan.2018)

6. Illustrate the basic operation of SMTP with an example. (4-Marks) (2c) (Dec.2017/Jan.2018)

7. What are the different types of transport services provided by the internet? (8-Marks) (1a) (June/July 2018)

8. Compose logical note on proxy-server with suitable diagram. (8-Marks) (1b) (June/July 2018)

9. Discuss how files are distributed in peer-to-peer application. (8-Marks) (2a) (June/July 2018)

10. Design network application using socket programming with UDP. (8-Marks) (2b) (June/July 2018)

11. Explain HTTP messages. (8-Marks) (1a) (Dec.2018/Jan.2019)

12. Explain web caching with diagram. (8-Marks) (1b) (Dec.2018/Jan.2019)

13. Explain FTP with its commands and replies. (8-Marks) (2a) (Dec.2018/Jan.2019)

14. Explain SMTP. (4-Marks) (2b) (Dec.2018/Jan.2019)

15. Explain DNS resource record. (4-Marks) (2c) (Dec.2018/Jan.2019)

ANSWER SCRIP FOR THESE QUESTIONS WILL BE UPLOADED ASAP
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THANK YOU