A.D.M.COLLEGE FOR WOMEN, NAGAPATTINAM

(AUTONOMOUS)

BCA Degree Examination

V Semester – **November** – 2022

CC X – MOBILE COMPUTING

Time: 3 hours   **Maximum Marks: 75**

Section –A   **10X2=20**

Answer **ALL** the Questions

1. What is mobile computing?

2. Comment on smart system.

3. List the schematic operation of CDMA scheme.

4. Expand: UMTS and CDMA.

5. Define mobile IP.

6. Mention any two transport layer protocols.

7. What are the characteristics of MANET?

8. State the advantages of Ad Hoc network.

9. Give the four examples of mobile operating system.

10. What is the difference between symbian and android?

Answer **ALL** the Questions

11. a) Categorize the different functions of mobility management.

(or)

   b) Describe the limitations of mobile devices.

12. a) Generalize the role of handover in GSM.

(or)

   b) Analyze the advantages and limitations of GPRS.

13. a) Explain the registration of packets during its delivery from source to destination.

(or)

   b) Classify the encapsulation types used in mobile IP.

14. a) Write a short note on mobile Ad Hoc network.

(or)

   b) Interpret the concept of mobile file systems.

15. a) Examine the concept of mobile application languages.

(or)

   b) Explain the role of linux for mobile devices.

Answer any **THREE** Questions

16. Demonstrate the mobile computing architecture.

17. Describe the GSM architecture in detail.

18. Discuss in detail about mobile TCP.

19. Elaborate note on wireless sensor network.

20. Illustrate the mobile device operating system with a suitable example.

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