

**Avinashilingam Institute for Home Science and Higher Education for Women  
(Deemed to be University) Coimbatore-641043.**

**Master's Degree Examination – November 2018  
Semester - III**

**Class : II PG  
Major : M.Sc. Computer Science**

**Time: 3 hours  
Max. Marks: 60**

**17MCSC15 MOBILE COMMUNICATIONS**

**Part A**

**10 x 1/2 = 5**

**Choose the correct answer**

- Which of the following is/are the main part(s) of basic cellular system  
a. A mobile Unit    b. A cell Site    c. A mobile Telephone Switching Office    d. All of the above
- Fading of the received radio signals in a mobile communication environment occurs because of \_\_\_\_\_  
a. Direct propagation    b. Multipath Propagation  
c. Bi-path Propagation    d. None of the above
- In \_\_\_\_\_ multiple access is achieved by allocating different time slots for the different users.  
a. TDMA    b. CDMA    c. FDMA    d. FGMA
- The basic GSM is based on \_\_\_\_\_ traffic channels.  
a. Connection oriented.    b. Connection Less  
c. Packet Switching    d. Circuit Switching
- The time over which a call can be maintained within a cell without handoff is called \_\_\_\_\_  
a. Run time    b. Peak time    c. Dwell time    d. Cell time
- Television broadcasting and TV news was telecasted during the period \_\_\_\_\_.  
a. 1940    b. 1946    c. 1945    d. 1950
- Wireless LANs implement security measures in the \_\_\_\_\_.  
a. System Layers.    b. Data Link Layers    c. Sub Layers    d. Multi Layers
- \_\_\_\_\_ tries to keep micro-mobility support as transparent as possible for both home agents and mobile nodes.  
a. Hawaii    b. HMIPv6    c. Cellular IP    d. DHCP
- The mechanism of splitting TCP connection into two connections \_\_\_\_\_.  
a. Indirect TCP    b. Snooping TCP    c. M-TCP    d. R-TCP
- Which of the following technology is used by Bluetooth between two devices?  
a. Micro waves    b. Infrared    c. Ultraviolet    d. Radio waves

