### Week 6 Assignment 6

Due on 2023-05-11, 23:59:59.

The test date for reviewing the assignment has passed.

Answer one question from each section:

**Section 1: Multiple Choice**

**1.** In the year 2019, 5A is tuned off.
   - A. 1995
   - B. 2005
   - C. 2019
   - D. 2020

**2.** The primary advantage of GPS is:
   - A. Time reference
   - B. Navigation
   - C. Mapping
   - D. None

**3.** The principle by which GPS works is called the:
   - A. Tropospheric
   - B. Ionospheric
   - C. Refractor
   - D. None

**4.** The GPS satellite orbit is located in:
   - A. Colorado Springs
   - B. New York
   - C. Nevada
   - D. LA

**5.** The electromagnetic region used in GPS satellite signals is:
   - A. Visible
   - B. Ultraviolet
   - C. Infrared
   - D. None

**6.** The L1 frequency of GPS satellite signals is:
   - A. 1575.42 MHz
   - B. 1227.60 MHz
   - C. 1176.45 MHz
   - D. None

**7.** The measurement of errors caused in GPS signals due to:
   - A. Multipath
   - B. Refractive errors
   - C.110
   - D. Ephemeris

**8.** Errors caused in GPS signals due to adjacent buildings are tuned in to:
   - A. Multipath
   - B. Ephemeris
   - C. Refractor
   - D. None

**9.** GLONASS is developed by:
   - A. China
   - B. Japan
   - C. France
   - D. India

**10.** Indian Regional Navigation Satellite System has total of ______ satellites:
    - A. 1
    - B. 10
    - C. 2
    - D. 3

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**Section 2: Short Answer**

**11.** Explain the concept of two signal systems for navigation.

**12.** Define the term "multipath."