

## Unit 3 - Week 2

### Course outline

#### How to access the portal

#### Week 1

#### Week 2

- Global Navigation Satellite System (GLONASS)
- BeiDou Navigation Satellite System (BDS)
- Indian Regional Navigation Satellite System (IRNSS)
- GALILEO
- Quasi-Zenith Satellite System (QZSS)

#### Quiz : Assignment 2

#### Week 3

#### Week 4

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## Assignment 2

The due date for submitting this assignment has passed.  
As per our records you have not submitted this assignment.

**Due on 2019-08-21, 23:59 IST.**

1) Which frequency of GPS carries the navigation message, the SPS (Standard Positioning Service) code signals known as the C/A (coarse acquisition) and P code? **1 point**

- L1 frequency (1227.60 MHz)
- L2 frequency (1227.60 MHz)
- L1 frequency (1575.42 MHz)
- L2 frequency (1575.42 MHz)

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
L1 frequency (1575.42 MHz)

2) GLONASS was developed by the: **1 point**

- United States
- European Union
- China
- Soviet Union

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Soviet Union

3) The GLONASS space segment consists of? **1 point**

- 22 operational satellites
- 23 operational satellites
- 24 operational satellites
- 25 operational satellites

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
24 operational satellites

4) In case of GLONASS, how many satellites are in each orbital planes? **1 point**

- 5
- 6
- 7
- 8

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
8

5) Antipodal satellites are satellites in the same orbital plane separated by? **1 point**

- 90°
- 180°
- 270°
- 360°

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
180°

6) A reference system co-rotating with the earth in its diurnal rotation is called: **1 point**

- Earth-Outer, Earth-Fixed
- Earth-Inner, Earth-Fixed
- Earth-Centered, Earth-Fixed
- Earth-Core, Earth-Crust

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Earth-Centered, Earth-Fixed

7) NAV-Star GPS: **1 point**

- EOEf reference system
- EIEF reference system
- ECEC reference system
- ECEF reference system

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
ECEF reference system

8) BeiDou's space segment consist of 5 ..... satellites: **1 point**

- Geosynchronous
- Medium earth orbit
- Geostationary
- Polar orbit

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Geostationary

9) A satellite orbit with an orbital period matching the Earth's sidereal rotation period is called as? **1 point**

- Geostationary
- Geosynchronous
- Medium earth orbit
- Polar orbit

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Geosynchronous

10) Indian Regional Navigation Satellite System (IRNSS) is also known as: **1 point**

- GAVIK
- NAVIK
- NAVIC
- GAVIC

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
NAVIC