

## Unit 5 - Week 4

### Course outline

#### How to access the portal

#### Week 1

#### Week 2

#### Week 3

#### Week 4

Why altitude estimated by GNSS receivers is not very accurate

Global Navigation Satellite Systems (GNSS) Applications - I

Global Navigation Satellite Systems (GNSS) Applications - II

GNSS: Current Trends and Future

GNSS: Opportunities in India

Quiz : Assignment 4

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## Assignment 4

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) A GNSS receiver computes height relative to the ..... ellipsoid?

- GRS80  
 WGS 84  
 Clarke  
 WGS72

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*WGS 84*

1 point

2) The height above sea level given on a map can be quite ..... from GPS-derived height

- Different  
 Same  
 Equal  
 Identical

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*Different*

1 point

3) The surface of the earth's gravity field, which approximates mean sea level is called?

- Globe  
 Topography  
 Ellipsoid  
 Geoid

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*Geoid*

1 point

4) In case of Geoid, the magnitude of gravity....., and the shape of the geoid is.....:

- Varies, regular  
 Conforms, irregular  
 Irregular, varies  
 Varies, irregular

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*Varies, irregular*

1 point

5) GNSS receivers are used to collect position, velocity and time information for various applications. In some specific cases other measurements e.g. .... output by the receiver are also used:

- Incidence  
 Frequency  
 Prevalence  
 Pervasiveness

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*Frequency*

1 point

6) DGNSS technology has revolutionized the field of:

- Geology  
 Archaeology  
 Geodesy  
 Geography

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*Geodesy*

1 point

7) The first space borne GNSS receiver was deployed in ..... in July 16th 1982?

- Landsat-2  
 Landsat-3  
 Landsat-4  
 Landsat-5

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*Landsat-4*

1 point

8) Precise GNSS geodesy makes it possible to understand the dynamics involved and measure the ..... accumulation along major fault systems in the Indian plate:

- Stress  
 Pressure  
 Tension  
 Strain

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*Strain*

1 point

9) Indian plate is pushing Eurasian plate at a velocity of:

- 5 cm  
 5 m  
 50 m  
 0.5 m

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*5 cm*

1 point

10) In the field of GIS, GNSS can be used for:

- Interpolation  
 Topology  
 Georeferencing  
 Buffering

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*Georeferencing*

1 point