

## Unit 8 - Week 7

### Course outline

How does an NPTEL online course work?

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

● Mapping Fundamentals

● Mapping Basics

● Mapping Software

● Automated Mapping

● Working Steps

○ Quiz : Assessment 7

Week 8

Download Videos

Weekly Feedback

## Assessment 7

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

**Due on 2020-04-15, 23:59 IST.**

- 1) Symbols to be used for making Indian topographic map should be obtained from 1 point
- local authority  
 mapping software  
 map making agency  
 the survey of India
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*the survey of India*
- 2) If an observation lies within most probable value  $\pm$  standard error, then the observation is designated as \_\_\_\_\_ % uncertain 1 point
- 68  
 90  
 95  
 99
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
68
- 3) Accuracy of location and distances for preparation of a map should have confidence level 1 point
- 68%  
 80%  
 92%  
 95%
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
95%
- 4) For making of a map, the operation which is not required for preparation of data is 1 point
- Conversion  
 Manipulation  
 Reduction  
 Transformation
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*Manipulation*
- 5) Notes, Legends, Scale, North direction, title blocks etc. belong to 1 point
- Map design of a map making  
 Cartographic elements of a map making  
 Map symbols of a map making  
 Map layout of a map making
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*Cartographic elements of a map making*
- 6) Topographic map from planimetric map and contour map need 1 point
- Addition  
 Orientation  
 Registration  
 Superposition
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*Registration*
- 7) Process of selecting important details and to leave out irrelevant objects during map making is known as 1 point
- Contour interval  
 Generalisation of details  
 Plotting accuracy  
 Scale
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*Generalisation of details*
- 8) The LISSCAD, SURFER, CARLSON are some of the software for 1 point
- Mapping survey data  
 Processing of GPS data  
 Processing total station data  
 Processing of UAV data
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*Mapping survey data*
- 9) Digital land surveying requires preparation of 1 point
- Planimetric map  
 Contour map  
 Planimetric map and Contour map  
 Topographic map
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*Topographic map*
- 10) In digital land surveying and mapping, total station is used for 1 point
- Establishment of control points  
 Collection of field data  
 Reduction of field data  
 Preparation of map
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*Collection of field data*
- 11) Permitted deviations for measurement of distance L (between points in meters) in millimetre required for earth work projects in tertiary control network is 1 point
- $\pm 5\sqrt{L}$   
  $\pm 7.5\sqrt{L}$   
  $\pm 10\sqrt{L}$   
  $\pm 15\sqrt{L}$
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
 $\pm 10\sqrt{L}$
- 12) Elements for map design does not consists of 1 point
- Clarity  
 Accuracy  
 Balance  
 Contrast
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*Accuracy*
- 13) Most important consideration for preparation of map is? 1 point
- Generalisation of details  
 Plotting accuracy  
 Scale  
 Contour interval
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*Scale*
- 14) In 1:10000 scale with plotting dimension 0.2 millimeter, the least dimension of the object that may be plotted is 1 point
- 2meter  
 20 centimeter  
 2 centimeter  
 2 millimeter
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*2meter*
- 15) Symbols to be used for making Indian topographic map should be obtained from 1 point
- Different map making agency  
 Mapping software  
 Survey of India  
 Regional development authority
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*Survey of India*
- 16) Data transformation for digital map making consists of 1 point
- Local coordinates to global coordinates  
 Global coordinates to local coordinates  
 Geodetic heights to orthometric heights  
 Orthometric heights to geodetic heights
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*Global coordinates to local coordinates  
Geodetic heights to orthometric heights*
- 17) The important factors required to be considered for preparation of surveying maps are 1 point
- Scales  
 Plotting accuracy  
 Generalization of details  
 Contour interval
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*Scales  
Plotting accuracy  
Generalization of details  
Contour interval*
- 18) Generalization of details for making of survey map considers 1 point
- choice of features in connection with its purpose and the scale of map  
 elimination of terrain details that cannot be maintained because of legibility and clarity in the map  
 accuracy of terrain  
 simplification of the form of terrain details that cannot be omitted but of which a detailed representation would interfere with the image of the map
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*choice of features in connection with its purpose and the scale of map  
elimination of terrain details that cannot be maintained because of legibility and clarity in the map  
simplification of the form of terrain details that cannot be omitted but of which a detailed representation would interfere with the image of the map*
- 19) Specification for a map 1 point
- is defined in terms of accuracy coordinates of points, ground distances and elevations at the 85% confidence level  
 is required to provide a set of uniform standards for guiding the production of maps  
 should be mentioned in the legend box of map  
 protects map consumer rights
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*is required to provide a set of uniform standards for guiding the production of maps  
protects map consumer rights*
- 20) Automated mapping consists of different steps in sequence of 1 point
- Preparation of grid, Import of data, placing cartographic elements, drawing contours  
 Preparation of grid, Import of data, drawing contours, placing cartographic elements  
 Preparation of control network, preparation of grid, Import of data, drawing of objects, drawing contours  
 Preparation of control network, preparation of grid, Import of data, drawing of objects
- No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
*Preparation of grid, Import of data, placing cartographic elements, drawing contours  
Preparation of control network, preparation of grid, Import of data, drawing of objects, drawing contours*