

STD 10, ICT CHAPTER 6, MAP READING

THEORY QUESTIONS & ANSWERS

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6. MAP READING

Part 1

1. Choose from the following, the use of the tool **B**, in Sun Clock software

a To change the time forward in Sunclock	b To change the time backward in Sunclock
c To show the sun	d To show the longitudinal line





Ans. **b** To change the time backward in Sunclock

2. Which of the following type of layer is to be used to mark the rivers in a map prepared in Quantum GIS software?

a Point	b Line
c Multi Point	d Circle

Ans. **b** Line

3. Identify the Add Feature Tool in Quantum GIS software from the following.

a 	b 
c 	d 

Ans. **c** 

4. Which of the following is used to create the image of the map opened in Quantum GIS software?

a Composer Manager	b New Print Composer
c Pan Map	d Identify Features

Ans. **b** New Print Composer

5. Which of the following is a geographical information system software?

a Sunclock	b Quantum GIS
c Marble	d Stellarium

Ans. **b** Quantum GIS

6. Which of the following tool is used to show or hide longitudinal lines in the Sunclock software ?

a	Toggle Meridian (M)	b	Solar time mode (S)
c	Toggle Night(N)	d	Toggle Sun/Moon (Y)

Ans. **a** Toggle Meridian (M)

7. Choose from the following the tool used for **setting the time** in Sunclock software ?

a	A B G	b	M P T
c	N Y M	d	W K I

Ans. **a** A | B | G

8. Which of the following is the extension of the file used as Shapefile Layer (Layers) in Quantum GIS software ?

a	.qgs	b	.pdf
c	.shp	d	.odb

Ans. **c** .shp

9. Choose from the following the correct step to build a new layer in a map prepared using Quantum GIS software.

Layer --> Create Layer --> New Shapefile Layer <input type="checkbox"/> a	Layer --> Add Layer --> Add Vector Layer <input type="checkbox"/> b
Layer --> Add Layer --> Add Raster Layer <input type="checkbox"/> c	Layer --> Create Layer --> Add PostGIS Layer <input type="checkbox"/> d

Ans. **a** Layer --> Create Layer --> New Shapefile Layer

10. Which of the following tool in Suncllock software is used to show or hide the main latitudinal lines ?

<input type="checkbox"/> a M Tool	<input type="checkbox"/> b N Tool
<input type="checkbox"/> c Y Tool	<input type="checkbox"/> d T Tool

Ans. **d** T Tool

Part 2

1.

A road is included in a map prepared using Geographical Information System software. It is to be widened using **Buffering**. Choose from the following the correct statements related with it.

Select Road Layer using Toggle Editing Tool. a	Select Layer → Open Attribute Table → Buffer(s) . b
Select Road Layer using Select Single Feature Tool. c	Select Layer → Create Layer → New Shapefile Layer . d
Select Vector → Geoprocessing Tools → Buffer(s) . e	Ans. c & e

2.

Choose from the following the correct statements related to Geographical Information System software

Helps to understand about different time zones. a	Helps to understand about the movement of the sun. b
Helps to understand the details of the stars. c	Helps to record land surface information and positional information in different layers. d
Helps to prepare a comprehensive resource map of a region e	Ans. d & e

3. Krishnendu is preparing a map in Quantum GIS. She built a new vector layer selecting the layer type, **Point**. Which of the following information can be included in the layer?

a Rivers	b Roads
c Lakes	d Wells
e Houses	Ans. d & e

4.

Choose from the following the correct statements related to **Toggle Night (N)** and **Toggle Sun / Moon (Y)** in the software, Sunclock.

Toggle Night (N) : To move time forward and backward. a	Toggle Night (N) : To display or hide the Sun and the Moon b
Toggle Night(N) : To show or hide the separation between night and day c	Toggle Sun/Moon (Y) : To display or hide the Sun and the Moon d
Toggle Sun/Moon (Y) : To show or hide the separation between night and day e	Ans. c & d

5.

A Geographical Information System software is a technique to record the surface features of the earth and locational information. Which of the followings are the Geographical Information System software?

a Quantum GIS	b Sunclock
c Wikimapia	d OpenStreet Map
e Arc GIS	Ans. a & e