

## TeraScan Assessment Questions

Note: This classroom assessment , should be given right after lesson is taught.

- 1.) Who is SeaSpace? What kind of work do they do?
- 2.) What is Teracan?
- 3.) SeaSpace support two platforms, which are?
- 4.) What operating system is TeraScan software based off of?
- 5.) What does TDF state for?
- 6.) What are some key features of TeraScan?
- 7.) What does the thelp command do?
- 8.) When using the command listsched, what outcome does it show?
- 9.) What does lpass stated for?
- 10.) When using the Tvis command what software package does it open?
- 11.) What year was SeaSpace created?
- 12.) In order for your operating system to work affectively, what are the eight things you will need?
- 13.) TeraScan system can receive data through what three bands?
- 14.) Name some telemetries that send satellite to TeraScan?
- 15.) What are some additional examples of some common formats TeraScan is capable of exporting?

## Answer Key

1. SeaSpace is one of the worlds leading remote sensing companies. Their work allows ground station images to be captured for further research.
2. It is integrated system software designed for reception of data from environmental satellites for processing data into images.
3. SeaSpace supports TeraScan on two platforms which are CentOS & Redhat Enterprise Linux.
4. TeraScan software is based on the Linux operating system.
5. TeraScan Data Format
6. Advance Dvorak Technique , Automated Data Retrieval, COMS Functions, Doppler Radar Import, GOES Ingestion, MODIS, PULSE, Shapefile Import
7. The command `help` is used to open the help center, which provides the TeraScan Manual
8. `Listsched` command is used to view the satellite schedule
9. `List Pass`
10. TeraVision
11. 1982
12. A interface
  - Bit synchronizer
  - Frame synchronizer
  - Antenna for satellite signal
  - Uninterruptible power supply (UPS)
  - Global Positioning System (GPS) antenna
  - Computer workstations with TeraScan software
  - A receiver for tuning to the correct satellite and the sensor data
13. X-band, C-band & L-band
14. GOES, MODIS, NOAA(noah) EOS, NPP, TERRA, AQUA, AND LANDSAT
15. Some examples are KML, PNG AND GEOTIFF

