

## **Round: 6B**

1. The use of satellite technology for weather forecasting is the responsibility of which two (2) federal agencies? (2 pts)
2. Remotely sensed satellite data can be used to determine several oceanographic or biological parameters. Name four (4) different biological or oceanographic parameters that can be obtained from satellite observations of the sea surface. (4 pts)
3. Name the one variable that satellites can observe about the ocean through thick cloud cover. (2 pts)
4. How do researchers using the SeaWiFS ocean color satellite data determine the difference between phytoplankton and suspended sediments in the water? (4 pts)
5. Why is it important that SeaWiFS is able to tilt 20 degrees, especially at equatorial latitudes? (4 pts)
6. What is the approximate resolution of the SeaWiFS satellite? (2 pts)
7. Why is the current mission status of SeaWiFS listed as 'out of service'? (2 pts)