The following is a list of points that you should pay particular attention to studying. This is not a complete list of things that will be covered on the test, so be prepared to answer questions that this list doesn't cover. By in large, however, if you have a good understanding on the definitions, facts, concepts and processes below, you will do well on the test.

Chapter 11. Rivers and river land forms

- Fluvial processes: weathering, erosion, transport, deposition
- Base level: definition, ultimate base level = sea level (Fig. 11-3)
- Watershed: its definition and importance (Fig. 11-4)
- U.S. drainage basins (Pacific, Gulf/Atlantic, Atlantic) (Fig. 11.5) (need to know which river flows into which ocean)
- The stream network
  (Drainage patterns: Fig. 14-9, Stream order and its calculation)
- Streamflow characteristics (Fig11-10, 11-11) need to know relationships among Q, w, d, v.
- Stream transport: solution, suspension, saltation, traction (Fig. 11-12) meaning?
- Stream gradient: graded stream (Fig. 11-17)
- Meandering vs. braided rivers (See the Table for comparison) (Fig. 11-13, 11-14)
- Depositional landforms (Alluvial terraces, Floodplains, point bars, River deltas, levees) (Fig. 11-21, 22, 23, 24, 25)
- Erosional landforms (cut banks, nickpoints, entrenched meanders) (Fig. 14-15, 18, 19)

Chapter 13. Coastal Landforms

- Importance of coastal areas to Humans
- The Oceans
  - Chemical content (especially salinity)
  - Physical structure
- Processes Creating Coastal Landforms
  - Sources of sediment
  - Tides (spring vs. neap tides)
  - Waves (causes, impacts on shoreline)
  - Longshore and rip currents
    (Causes and consequences)
  - Biologically controlled development (coral reefs, salt marshes, mangrove coasts)
  - Changes in relative sea level
    (due to Land & sea rising or falling)
- Erosional Landforms (see Fig 13-10)
  - wave cut platforms and terraces
  - sea stacks, sea cliffs
- Depositional Landforms (see Fig 13-11)
  (beaches, barrier bars, barrier islands and dunes, lagoons, tombolos, coral reefs, locations, coral bleaching)