1. Most of the surface bedrock in New York State south of latitude 43° N. and west of longitude 75° W. was formed during which period?
   (A) Silurian  (C) Cambrian
   (B) Devonian  (D) Ordovician

2. Which New York State landscape region contains mostly Devonian bedrock?
   (A) Adirondack Highlands
   (B) Atlantic Coastal Lowlands
   (C) Appalachian Uplands
   (D) Tug Hill Plateau

3. What type of landscape region is located at 44°30’ N. and 74°30’ W.?
   (A) plateau  (C) coastal lowland
   (B) plain  (D) mountainous area

4. Which New York State landscape region has the lowest elevation, the most nearly level land surface, and is composed primarily of Cretaceous through Pleistocene unconsolidated sediments?
   (A) the Hudson-Mohawk Lowlands
   (B) the Atlantic Coastal Lowlands
   (C) the Champlain Lowlands
   (D) the Erie-Ontario Lowlands

5. Which city is located in the St. Lawrence Lowlands?
   (A) Kingston  (C) Rochester
   (B) Massena  (D) Albany

6. The surface bedrock of New York State is best described as mainly
   (A) sedimentary, with metamorphic rock found in mountainous areas
   (B) igneous, with sedimentary rock found in mountainous areas
   (C) metamorphic, with sedimentary rock found in mountainous areas
   (D) metamorphic, with igneous rock found in mountainous areas

7. Which ocean current cools the climate of locations along the northeastern coastline of North America?
   (A) Florida Current  (C) Canaries Current
   (B) Labrador Current  (D) Guinea Current

8. Most of the Gulf Stream Ocean Current is
   (A) warm water that flows southwestward
   (B) warm water that flows northeastward
   (C) cool water that flows southwestward
   (D) cool water that flows northeastward

9. Which ocean current brings warm water to the western coast of Africa?
   (A) Agulhas Current
   (B) North Equatorial Current
   (C) Canaries Current
   (D) Guinea Current

10. Which coastal area is most likely to experience a severe earthquake?
    (A) east coast of North America
    (B) east coast of Australia
    (C) west coast of Africa
    (D) west coast of South America

11. At which plate boundary is one lithospheric plate sliding under another?
    (A) Nazca Plate and Antarctic Plate
    (B) Pacific Plate and Indian-Australian Plate
    (C) Indian-Australian Plate and Antarctic Plate
    (D) Nazca Plate and Pacific Plate

12. On which plate is the Hawaii Hot Spot located?
    (A) South American  (C) Nazca
    (B) Antarctic  (D) Pacific

13. The border between the South American plate and the African plate is best described as
    (A) converging and located at an oceanic ridge
    (B) converging and located at an oceanic trench
    (C) diverging and located at an oceanic ridge
    (D) diverging and located at an oceanic trench
14. In New York State, both the Delaware River and the Susquehanna River flow over landscapes classified as
   (A) mountain regions       (C) lowlands
   (B) coastal plains         (D) plateaus

15. In which New York State landscape region is Niagara Falls located?
   (A) Tug Hill Plateau
   (B) St. Lawrence Lowlands
   (C) Allegheny Plateau
   (D) Erie-Ontario Lowlands

16. Bedrock located near Old Forge, New York, would most likely have which characteristics?
   (A) clastic texture consisting of angular sediments of mostly quartz and feldspar cemented together
   (B) crystalline texture composed predominantly of gypsum
   (C) noncrystalline, glassy texture with a dark color
   (D) foliated texture with mica and feldspar separated into bands

17. The Canaries Current along the west coast of Africa and the Peru Current along the west coast of South America are both
   (A) warm currents that flow away from the Equator
   (B) warm currents that flow toward the Equator
   (C) cool currents that flow away from the Equator
   (D) cool currents that flow toward the Equator

18. The Mariana Trench was most likely created by the
   (A) convergence of the Pacific and Philippine Plates
   (B) divergence of the Eurasian and Philippine Plates
   (C) sliding of the Pacific Plate past the North American Plate
   (D) movement of the Pacific Plate over the Hawaii Hot Spot

19. The arrows labeled A through D on the map below show the general paths of abandoned boats that have floated across the Atlantic Ocean.

   ![Map](image)

   Which sequence of ocean currents was responsible for the movement of these boats?
   (A) South Equatorial - Gulf Stream - Labrador - Benguela
   (B) South Equatorial - Australia - West Wind Drift - Peru
   (C) North Equatorial - Kuroshio - North Pacific - California
   (D) North Equatorial - Gulf Stream - North Atlantic - Canaries

20. The continent of Iceland would be closest to the
   (A) Mid-Atlantic Ridge
   (B) Mid-Indian Ridge
   (C) South-East Indian Ridge
   (D) East Pacific Ridge
1. B
2. C
3. D
4. B
5. B
6. A
7. B
8. B
9. D
10. D
11. B
12. D
13. C
14. D
15. D
16. D
17. D
18. A
19. D
20. A