

Life on Earth - Topic Test

MARKING GUIDELINES

Multiple Choice Questions

1	B
2	C
3	A
4	B
5	C
6	B
7	D
8	A
9	B
10	C
11	A
12	D
13	C
14	B
15	C
16	D
17	C
18	C
19	A
20	D
21	B
22	A
23	C
24	C
25	D

Short Response Questions

26. a) Mollusc
b) Arachnid
c) Coelenterate
27. 1A legs Present go to 2
1B legs Absent go to 3
2A more than 4 pairs of legs MYRIAPODS
2B 4 or less pairs of legs go to 4
3A hard shell MOLLUSCS
3B no hard shell go to 5
4A 3 pairs of legs INSECTS
4B 4 pairs of legs ARACHNIDS
5A tentacles present COELENTERATES
5B tentacles absent WORMS
28. Identify 2 technological advancements and briefly describe contribution to evolution of life on earth.
29. Organic molecules, membranes, procaryotic heterotrophic cells, procaryotic autotrophic cells, eukaryotic cells, colonial organism, mutlicellular organisms.
30. Describe hypothesis that organic molecules formed in early Earth oceans, using energy from the sun's strong ultra violet radiation.
31. Describe Urey and Miller's apparatus simulating early Earth conditions producing organic compounds through lightning simulation.