

## Box Rock Circus QUIZ KS3 - ANSWERS

	marks
1. Limestone (Jurassic oolitic limestone)	1
2. Obelisk and fossil rubbing block	2
3. They lived in a clear, warm sea	2
4. It formed in a volcanic eruption	2
5. Sahara desert - about 22·5° north / Tropic of Cancer	1
6. About 400 million years old	1
7. Flint	1
8. Chalk	1
9. 7 (we think)	1
10. Bivalve shells	1
11. Nautiloid (probably Orthoceras)	1
12. Calcite, galena, haematite	2
13. Symmetrical and formed in sea	2
14. Conglomerate, breccia, sandstone, mudstone, limestone	4
15. Rib fragments and teeth from bony fish	2
16. Two - about 300 million years old	2
17. Sea snail (gastropod)	1
18. Calcite veins	1
19. Slate. It is waterproof and splits easily into sheets	2
20. Gas bubbles in lava	1
21. Marble	1
22. Large crystals indicate slow cooling, small crystals indicate fast cooling	2

	marks
23. Two stages of cooling	2
24. Plate tectonic movement - high temperature and pressure	2
25. Mudstone	1
26. Limestone	1
27. Plate tectonic movement - fold mountain-building	1
28. Eggs	1
29. King Crab	1
30. Sea Lily (crinoid) and starfish	2
31. Trace fossil (feeding trail of a sea snail)	2
32. Pterodactyl	1
33. 4, 600 million years	1
34. Mass extinctions of life	1
35. Behind the sedimentary climbing block	1
36. Parent and baby	4
Large carnivore eats little herbivore	
Little carnivore attacks large herbivore	
Not interested in each other	
Not there at the same time (few hours apart?)	
Any story that makes sense with the evidence	55