

Keystone Exam – Biology review packet – ANSWERS

1. A
2. D (plasma membrane = cell membrane)
3. Open ended – see power point...
4. D
5. C
6. B
7. D
8. B
9. Open ended – see power point...
10. D
11. A
12. B
13. B
14. A
15. Open ended – see power point...
16. B
17. B
18. Open ended – see power point...
19. C
20. D
21. C
22. D
23. Open ended – see power point...
24. D
25. D
26. D
27. A-homozygous white (WW) with a homozygous red coat (RR) – all offspring are roan (RW)  
B-W = white , R = red the WW parent must contribute a white allele and the RR parent must contribute a red allele – which means the only possible offspring will be a heterozygous RW = roan  
C- RW x RW parents have a 25% chance of producing RR = red offspring , 50% chance of producing RW = roan offspring, 25% chance of producing WW= white offspring
28. D
29. B
30. C
31. A
32. A
33. A
34. D
35. C
36. B
37. open ended
38. D
39. C
40. C
41. D

- 42. A
- 43. B
- 44. D
- 45. A
- 46. B
- 47. open ended