QUIZ FOR SESSION 2: MATTER AND MINERALS: INTRODUCTION TO EARTH SCIENCE

**Choose the BEST answers**

1. The nucleus of an atom has
2. protons
3. electrons
4. nutrons
5. a and b
6. a and c
7. Elements are defined by
8. Total number of protons and electrons
9. Total number of protons
10. Total number of neutrons
11. Total number of protons and neutrons
12. Total number of electrons and neutrons
13. If the atomic number is 26 and the atomic weight is 55.85, then the element is
14. Mn
15. Cr
16. Fe
17. Ni
18. Cu
19. Zn
20. Which is a noble gas?
21. Neptunium
22. Vanadium
23. Argon
24. Beriylium
25. Calcium
26. Which has a tendency to lose outermost electrons?
27. Scandium
28. Aluminum
29. Arsenic
30. Potassium
31. Lanthanum
32. Which type of bonding allows electrons to freely move between atoms?
33. Covalent
34. Metallic
35. Hybrid
36. Ionic
37. How do minerals form?
38. Precipitation from water
39. Crystallization from magma
40. Biological Deposition
41. All of the Above
42. Noneof the Above
43. The following are properties of minerals except
44. Color
45. Luster
46. Crystal shape
47. Strength
48. Age
49. Silicate mineral structures include all the following except
50. Independent
51. Single Chain
52. Double Chain
53. Octahedral framework
54. Sheet structure
55. Horneblende is a
56. Biotite group
57. Olivine group
58. Amphibole group
59. Garnet Group
60. Clay Group