

QUIZ

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COURSE CODE: CHE 574

1. ~~B. Nucleus~~ ^{Electrons}
2. ~~B. Electrons~~ E. Neutrons.
3. C. Solar
4. B. Concentrating
5. B. Sun
6. A. The sun can be taken as an inexhaustible source of energy
7. B. Aluminium and Copper
8. B. Large amount of potential energy is converted into kinetic energy
9. A. Potential energy possessed by stored water is converted to electricity
10. B. Concentrating collectors
11. A. It is expected to harness wind power to minimum in open space
12. C. Depends on wind velocity
13. C. NH_3 , H_2S & CO_2
14. A. Return the neutrons back into the core.
15. C. Heavy water is used as coolant
16. A. Solar, Wind & Biomass
17. A. Using focusing collector or heliostates
18. D. None of the above.
19. B. At least one new neutron.
20. Leads to the formation of fissionable material
21. C. Pressure difference at different levels in the ocean.
- 22.
23. C. Neutrons and gamma rays
24. C. $\text{U}235$ and $\text{Pu}235$
25. D. Graphite
26. A. MeV

27. B. 199 MeV
28. D. Single circuit system
29. B. Double circuit system of coolant cycle
30. A. Lead or concrete
31. A. Return the neutrons back into the core
32. B. Fission reaction.
33. B. Energy
34. A. High CO content in flue gases at exit
35. D. All of the above
36. C. Kanji
37. D. 23
- ~~38~~ C. Potential energy of individual nucleons
39. B. Burning of fossil fuels release oxides of carbon, N & S in the atmosphere
40. A. Potential energy possessed by stored water is converted into electricity
41. C. Fossil fuels
42. A. Methane
43. B. Mirror
44. C. The main ingredient of biogas is methane & it gives off smoke
45. A. Same atomic number & different masses.