

Som - Boms Fortune. C.

16/ENE-07/033

Petroleum Engineering

CHE 574 Quiz

28/04/2020

- 1 B - Electrons
- 2 E - Neutrons
- 3 C - Solar
- 4 D - (A) and (B) above
- 5 B - Sun
- 6 A - The sun can be taken as an 'inexhaustible source of energy'
- 7 B - Aluminium and copper
- 8 B - larger amount of potential energy is converted into kinetic energy
- 9 A - Potential energy possessed by stored water is converted into 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 A - H_2S , NH_3 and CO_2
- 14 A - Return the neutrons back into the core
- 15 C - Heavy water is used as coolant
- 16 B - fossil fuels, hydropower and nuclear energy
- 17 A - Using focusing collector or heliostates
- 18 D - None of the above
- 19 D - more than one new neutrons
- 20 Fissile material (leads to the formation of fissile material)
- 21 C - Pressure difference at different levels in the ocean
- 22
- 23 C - Neutrons and gamma rays
- 24 A - U^{233} and Pu^{239}
- 25 D - Graphite
- 26 A - MeV
- 27 B - 199 MeV
- 28 A - Direct cycle of coolant 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

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- 33 B - Energy
- 34 A - High CO content in flue gases at oxid^{in atmosphere}
- 35 D - All above
- 36 D - Ogorode
- 37 D - 23
- 38 C - Potential energy of individual nucleons
- 39 B - Burning of fossil fuels release oxides of carbon, nitrogen and sulphur
- 40 D - Water is converted into steam to produce electricity
- 41 A - Wood
- 42 C - Hydrogen
- 43 C - Glass sheet
- 44 D - Bio-mass is a sustainable source of energy
- 45 A - Same atomic number and different masses