

1. (Nuclear / atomic) (energy / power)
2. Controlled nuclear reaction
3. Fission
4. reactor
5. Spontaneous fission
6. Induced fission
7. nuclei
8. Fission fragment
9. Fission products
10. Beta decay
11. Prompt neutrons
12. Delayed neutrons
13. Radioactive decay process
14. Fission Cross section
15. effective neutron multiplication factor (k)
16. moderator
17. fast and thermal neutrons
18. absorber
19. control rod
20. Nuclear power plant (NPP)
21. Heat exchanger
22. Steam turbine
23. alternator
24. The core
25. coolant
26. turbine
27. cooling towers
28. Pressurized water reactor (PWR)
29. Boiling water reactor (BWR)
30.

A bit more explanation type,

1. what do you understand by fission reaction?
Discuss photo, example, definition
2. fission classification (pptx slide)
3. characteristics of fission reaction (pptx + slide)
4. what do you understand by prompt neutron and delayed
(with probability graph)
5. gaussian distribution
6. delayed neutron emission from ^{93}Rb (গ্রাফ টা আঁকতেই হবে) । Explain করতে বলে তাহলে ppt point গুলো
7. radioactive decay process (ppt)
8. emission cross section (ppt)
9. energy in emission (math আসবে excitation energy)
10. binding energy (latent থেকে)
11. neutron multiplication factor কি
12. four factor (state and explain) (with graph) (important for final)
13. fuel/ moderator/ absorber use in the reactor
14. power plant and types of reaction (classification) (final)
15. how power plant works (final)