Questions

1. Cooling tower
2. Pumps
3. NPSH
4. Cavitations
5. Reciprocity
6. Centrifugal
7. Shut off pressure
8. Heat exchange design
9. Steam trap
10. Characteristic curve
11. Q & H
12. What is throttling?

13. Why should I take you
14. Tell us about your family
15. Heat exchanger
16. Pump efficiency
17. U-tube heat exchanger
18. Approach temperature
19. NPSH
20. Types of NPSH
21. Cooling tower
22. Design heat exchanger
23. Refrigeration cycle
24. Steam trap
25. Pitch
26. Cavitations
27. Sumer project
28. Introduce yourself
29. Tell about IIT-JEE preparation
30. Fav. Subject
31. Pump characteristics
32. Some other basic questions from pump
33. Decreasing on parameter (H,P,N) effect on other (H,P, L)
34. Compressor
35. How will a chemical engineer will calculate pump duty
36. Refrigeration cycle
37. Tell us about your family
38. Uses of valve
39. Terminal velocity
40. Drag force
41. Pump ch. Curve
42. Hindered settling (formula)

43. Types of valves
44. What is compressor
45. Pump functions
46. Relation of heat and RPM
47. Tell about yourself
48. Distillation types
49. Cooling tower
50. HES
51. Reboiler, condenser, strippls
52. Feed
53. Pump around
54. What do you think of this bell? How does it ring
55. Tell us about yourself
56. Your area of interest
57. BTP
58. Intern
59. Tell us about catalysts
60. What is catalyst made of
61. What is distillation? Why use it
62. Your proudest moment
63. Decomposition of ammonia, le-chateliers, principle, explain order, modularity
64. Iso entropic process, isenthalpic process, adiabatic process
65. 1st law, zeoroth law, 2 nd law of thermodynamics with examples (expression)
66. Parallel, multiple, series reactions ¼ questions
67. Entropy in simple lay man words
68. About your family
69. Your interests and special cravings
70. Principle of compressor
71. Types of compressor
72. Characteristic curve of pump
73. LMTD (heat exchanger)
74. Centrifugal compressor
75. Compressor ratio
76. Introduce yourself
77. Field of interest
78. Where you did your higher secondary education
79. Should we send our children to Kota
80. To whom you know in EIL
81. Explain education system in Kota
82. Family background
83. Field application of heat exchanger
84. What is flare
85. How to decrease pressure in distillation column
86. A 2 minute brief on sell yourself to me

87. Do you want to go for higher education
88. Particular interest of job profile
89. Places you visited in the country
90. Explain abut BTP
91. Factors responsible for selectin adsorbent
92. Discuss the case of benzene toluene
93. Azeotropic mixture
94. How to calculate no. of stages
95. Efficiency types
96. Types of pump differences
97. Steam trap
98. Use of condenser
99. What is steam trap (used to remove non condensables and non condensates)
100. Distillation (internship)
101. Pumps, cavitations, NPSG
102. Furnace sections
103. Say something about yourself other than your academics and family
104. Give an example where you would use your analytical skills in chemical engineering
105. What did you see in your training? Types of heat exchanger
106. How would you find the amount of ethanol in ethanol water mixture
107. What are your passions
108. What are you career goals
109. What have you done so far to achieve them
110. What is your weakness
111. Introduce yourself tell us about your family
112. Fluids
113. What is drag
114. Draw the diagram showing force balances on a particle moving in fluid
115. What is terminal velocity
116. How it is achieved
117. Use of flocculants
118. How will you design distillation column
119. NPSH will depend upon temperature.
120. What is terminal velocity
121. COP
122. If efficiency is greater than 1?
123. What is efficiency
124. Difference between reciprocating and centrifugal
125. Bernoulli
126. What if discharge is shut off in positive displacement pump and reciprocation pump
127. When to use reciprocating pump and positive displacement pump
128. Why should we hire you
129. Father and mother profession
130. Fluid friction

131. Reboiler malfunctioning
132. What if vapor flew rate ↑
133. What if vapor flew rate ↓
134. How to calculate so of real stages
135. Refrigeration cycle
136. Throttling
137. Introduce yourself, tell me about your family, your interest, your strengths, weakness
138. Why do you want to join this company
139. Why you are saying your can be adaptable
140. Will you be able to stay out of the country
141. What about joining a private company
142. To serve your country why don't you join military, police service
143. Why did you go to Kota for coaching
144. Biggest challenge in your life
145. What is happening outside
146. What you think makes you different
147. What do you do at free time
148. Head and how rate for centrifugal pump
149. Are you silent all the time
150. Why this company
151. LMTD
152. Raoults law
153. Want to work for PSU or private sector unit
154. Introduce yourself
155. What is pinch technology
156. When a heat exchanger is needed to be cleaned or changed
157. Tell me about your family
158. What is distillation draw a column
159. What is overlapping
160. Tell about your family
161. About higher studies
162. TBP & ASTM distillation difference
163. Flash distillation, overflash distillation
164. Difference between overflash and fractionation
165. Draw 1 & 2 shell & tube pass heat exchanger

166. Name of 3-4 solvent used
167. Why you want to join oil & gas industry
168. Reflux ratio of atmospheric distillation column