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Enroll No.....

CH-11

**B.Tech.–I Sem. (Reg./Ex) & II (Ex.)
Examination, March-2021
Engineering Chemistry**

Time: Three Hours

Maximum Marks:70

Note: Attempt any five questions. (Each question carries equal marks)

Q.6 Explanation the UV spectroscopy.

Q.7 Define the following term related to periodic table :

(a) Effective nuclear charge

(b) Electro negativity

Q.8. Write short note on:

(a) Sources of water

(b) PVC and Nylon 6:6 polymer.

Q.1 Explain the lime soda water softing method with suitable chemical reaction.

Q.2 Describe the determination of flash and fire point by Pensky Martin's method.

Q.3 Describe the hardness of water and give the types of hardness.

Q.4 Define polymer and polymerization. Give the classification of polymer.

Q.5 What is phase rule. Explain the phase diagramme of single component system.