

**1). Answer the following questions. ( 10 Marks)**

1. Why have various types of reactors been designed and constructed?
2. What happens to common salt when dissolved in water?
3. How does chemical engineering benefit societies?
4. What are the main goals of engineering education?
5. How may all substances be electrically classified?

**2). Give the ENGLISH-DEFINITION of each of the following terms. (10 Marks)**

Beam – Inorganic – Vector – Surveying – Duplexer  
Crane – Caisson – Decoder – Variable – Convection

**3). Supply the appropriate form of the word between brackets. (10 Marks)**

1. The (direct) of this institution is an efficient man indeed.
2. This document needs the (sign) of the dean himself.
3. It is inhumane of the strong to (threat) the weak.
4. I paid the money and the clerk handed me a (receive)
5. The (rob) of the bank took place in broad daylight.
6. It is quite easy to (memory) all the chapters of the Holy Quran.
7. A (lie) is never ever believed even if he tries to speak the truth.
8. The (reside) of the two-storey villa is a wealthy merchant.
9. We usually hate the (visit) that shows up late at night.
10. It was a wise (decide) to build housing units for the homeless.

**4A). Complete the Phrasal Verb in each of the following sentences. (5Marks)**

1. Mother felt upset because the children kept (acting.....) till midnight.
2. Mona was hit on the head and she fainted, but soon she (came....).
3. A gang of thugs (broke.....) the bank but were arrested by its guards.
4. With patience and perseverance, Sherif has finally (got....) his sad experience.
5. The colour of her headscarf (goes exactly....) that of her dress.

**4B). Choose the correct word from those between brackets. ( 5 Marks)**

1. He was found guilty of trading in (illicit-licit) commodities.
2. One should always heed one's parents' (council-counsel).
3. There was no water in the distance. It was but mere optical (allusion-illusion).
4. The story she told her mother of her delay was (all together – altogether) fabricated.
5. A flash of (lightening – lightning) sparkled in the sky and then it was followed by a rumble of thunder.