

( 4 )

- (b) Explain the purpose of lubrication. 5
- (c) Explain the composition and uses of producer gas and water gas. 7
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Total Pages—4

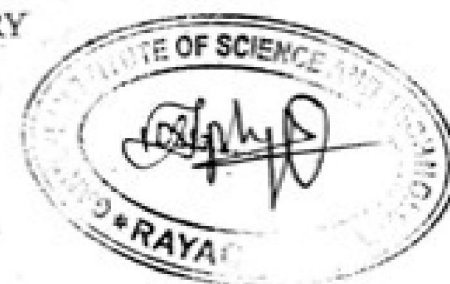
I—Sem/COMMON/2014(W)  
(New)

ENGINEERING CHEMISTRY

(Code – BST-102)

Full Marks : 70

Time : 3 hours



Answer any five questions

*Figures in the right-hand margin indicate marks*

- (a) Find the equivalent weight of acetic acid. 2

(b) State and explain Aufbau principle. 5

(c) Explain Bohr's atomic model. 7
- (a) Define molarity. Mention its unit. 2

(b) How many grams of caustic potash are required to prepare 5 lit. of its decinormal solution? 5

(c) Define corrosion. Explain water line corrosion. Mention the methods of protection of corrosion. 7