Max Marks: 20

Date: 9/10/19

Duration: 1 Hr.

Subject Code: BTBSC305

Instructions to the Students:

Do not write anything on question paper Neat and labeled diagram must be drawn whenever necessary.

Use of non programmable calculator is allowed. Figures to the right indicate full marks.

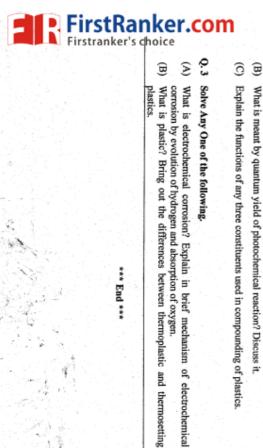
Assume suitable data if required

Marks

Subject Name: Advanced Engg. Chemistry Course: B. Tech in Chemical Engineering

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Mid Semester Examination - OCT. 2019



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Solve Any Two of the following.

Discuss the importance of design and material selection in controlling corrosion

D. None of above

What is meant by quantum yield of photochemical reaction? Discuss it.

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3 X 2

63

601 8

Explain the functions of any three constituents used in compounding of plastics

Solve Any One of the following.

What is plastic? Bring out the differences between thermoplastic and thermosetting

*** End ***

corrosion by evolution of hydrogen and absorption of oxygen.

www.FirstRanker.com www.FirstRanker.com 0.1 Multiple choice questions Which of the following polymer is obtained by condensation polymerization? A polymer made of identical monomer units is called, When two molecules reacted or formed per photon of light absorbed, then the A photochemical reaction is, Smaller the grain size, corrosion is A. Linear polymer B. Homo polymer Wet corrosion is also called as, A. Accompanied with emission of light B. Catalyzed by light C. Initiated by D. Liquid metal corrosion quantum yield of such reaction is, Copolymer A. Greater A. Chemical corrosion B. Oxidation corrosion C. Electrochemical corrosion light D. All of the above B. Less than one B. Rubber B. Lower C. Styrene C. Constant C. Two C. Branched Polymer D. D. Nylon 6:6 D. Does not affected (Level/CO) www.FirstRanke