

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Mid Semester Examination – Sept./Oct. 2019

Course: B. Tech in Chemical

Sem: V

Subject Name: Chemical Technology

Subject Code: BTCHC505

Max Marks: 20

Date:- 26/09/2019 Duration:- 1 Hr.

Instructions to the Students:

1. Q.1. is Compulsory
2. Neat diagram and equations whenever necessary

Q.1 Fill in the blanks

1. \_\_\_\_\_ is widely used in catalytic reactor.
2. Trisodium phosphate is also made from \_\_\_\_\_.
3. Molecular weight of soda ash is \_\_\_\_\_.
4. \_\_\_\_\_ method was supplanted by the Dorr strong acid process.
5. \_\_\_\_\_ is the basic raw material for production of sulfuric acid.
6. After catalysis sulphur gas is condensed on molten sulphur droplets in the \_\_\_\_\_.

(Level/CO) Marks

Remembering 6

www.FirstRanker.com

www.FirstRanker.com

Q.2 Solve Any Two of the following.

- (A) Write the physical properties, reactions and uses of sodium phosphate.
- (B) Write the six unit operation used in the chemical process industry.
- (C) Write the physical properties, reactions and uses of ammonia.

Application 3 X 2

Q.3 Solve Any One of the following.

- (A) Explain the continuous process for fatty acid soap and glycerin.
- (B) Explain the urea manufacturing form carbamate.

Application 8

\*\*\* End \*\*\*