

 Roll No.12.....

54001

**B.E./B. Tech. 5th Semester (CSE)
(Regular/Re-Appear/Improvement)
Examination – December-2022**

MICROPROCESSOR (New Scheme)

Paper : ESC-CSE-301

Time : Three hours]

[Maximum Marks : 75

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt five questions in all, selecting one question from each Unit. Question No. 1 is compulsory. All questions carry equal marks.

1. (a) Define the term op-code and operand with example. $2.5 \times 6 = 15$
- (b) Differentiate between memory mapped I/O and I/O mapped I/O.
- (c) Explain the generation of 20-bit physical address in 8086 with an example.

P. T. O.

Ba V Th Sem Question Paper

Zhe Xu

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 $\text{MnO}_4^- + 2\text{H}_2\text{O} + 3\text{e}^- \rightarrow \text{MnO}_2 + 4\text{OH}^-$
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web description treatment of an alkylbenzene with potassium permanganate results in oxidation to give the benzoic acid notes the position directly adjacent to an aromatic group is called the benzylic position the reaction only works if there is a hydrogen attached to the carbon examples

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web may 1 2004 the oxidation of toluene by aq KMnO_4 under hydrodynamic cavitation was taken as a model reaction and various parameters have been optimized the oxidation of toluene by aq KMnO_4 gives benzoic acid scheme 1 KMnO_4 in turn is reduced to MnO_2 the reaction did not give any other byproduct