

Paper/ Course Code: Introduction to Embedded Systems/ USIT402  
(Duration - 40 min.)

**Programme:** S.Y.B.Sc. (I.T.)  
**Semester:** IV

**Max. Marks:** 20  
**Date:** 07/03/2023

**Please check whether you have got the right question paper**

**N.B. - 1. Attempt any FOUR questions.**

**2. Answers to the same questions must be written together.**

**3. Numbers to the right indicate marks.**

**Attempt any FOUR of the following**

**(20)**

~~Q. 1.~~ What is Watchdog timer?

**(5)**

Q. 2. Explain 8051 Microcontroller Hardware.

**(5)**

Q. 3. Explain components of Device Driver.

**(5)**

~~Q. 4.~~ What is Memory map?

**(5)**

~~Q. 5.~~ Explain Automotive Communication Buses.

**(5)**

~~Q. 6.~~ What are the features of 8051 Microcontroller?

**(5)**