Paper / Subject Code: 36404 / MICROCONTROLLER AND EMBEDDED SYSTEM

Marks: 80

- T.E.(BIOMEDICAL)(Sem VI) (CBSGS) / 36404 - MICROCONTROLLER AND EMBEDDED SYSTEM

Time: 3 Hours

ning five questions. arks. Suitable data wherever necessary. [20] 1 microcontroller. so, explain any two applications of embedded neck whether the number is odd or even. If the se save the number in R2 with 8051 microcontroller.
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2,6,7,4),7,6,6,6,6,6,7,6,7,9,7,9,6,6,
051 microcontroller connection to DAC0808. a square waveform at the output of the DAC. [10]
g modes of 8051 and Sketch the SFR's associated [10]
in the six interrupts of 8051 microcontroller.
nd USB bus protocols. [10]
gister format. Also, explain various timer modes of [10]
transfer "BIOMED" serially at 9600 baud, 8-bit [10]
Also, explain interrupt latency and
[10]
1.1 and send it to P2.2 after inverting it. [05]
RAM only) of 8051. [05]
(Any Four) [20]
aints.