

GOVT. V.Y.T. P.G. AUTONOMOUS COLLEGE, DURG

ASSIGNMENT QUESTION (2024-25)

BSC(IT) – V SEMESTER

COURSE CODE – BIT-503(L)

DSE1- DIGITAL ELECTRONICS AND MICROPROCESSOR

Max.Marks: 20

Note: Section 'A' & 'B' containing 2 very short-answer-type questions, is compulsory. Section 'C' consists of short-answer-type questions and Section D is long-answer-type questions.

Section - 'A'

Answer the following very short-answer-type questions in one or two sentences: (1×2=2)

Q.1 $(A123F)_{16} = (?)_2$?

Section - 'B'

Answer the following very short-answer-type questions in one or two sentences: (1×2=2)

Q.1 What is Excess-3 code?

Section - 'C'

Answer the following very short-answer-type questions in one or two sentences: (1×6=6)

Q.1 what is number system?define all types of number system.

OR

What is complement?subtract number using complement method.

Section - 'D'

Answer the following long answer type questions in word limit 150-200: (1×10=10)

Q.1 write about mid point circle algorithm and algorithm with example?

OR

what is Boundary fill algorithm and flood fill algorithms define both with suitable example?

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