



w.e.f. 2015-16 Admitted Batch (CBCS)
SIR C R REDDY COLLEGE (AUTONOMOUS), ELURU

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

III B.Sc. Degree Examinations - April, 2019

(At the end of VI Semester)

PHYSICS Cluster Paper-8(2)

Computational Methods and Programming

Time : 3 Hrs.

Date: 03-04-2019

Max.Marks: 75

Pass Min: 26

SECTION-A

Answer any **FIVE** of the following questions.

5x10=50M

1. Explain structure of C program.
2. Explain basic data types in C.
3. Explain increment and decrement operators with example.
4. Explain any five mathematical functions with example.
5. Explain Switch statement with example.
6. Explain looping statements.
7. Write a C program for matrices addition.
8. Find a real root of the equation $x^3-2x-5=0$ by Newton-Raphson's method.

SECTION-B

Answer any **FIVE** of the following questions.

5x5=25M

9. Briefly explain history of C language.
 10. Explain arithmetic expressions.
 11. Explain about formatted and unformatted output statements.
 12. Explain Go - To statement with example.
 13. Explain break and continue statements in C.
 14. Explain two dimensional arrays.
 15. Explain storage classes in C.
 16. Define forward, backward operator.
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