

# A Simple PDF File

This is a small demonstration .pdf file -

just for use in the Virtual Mechanics tutorials. More text. And more text. And more text. And more text. And more text.

And more text. And more text. And more text. And more text. And more text. And more text. Boring, zzzzz. And more text. And more text. And more text. And more text. And more text. And more text. And more text.

And more text. And more text. And more text. And more text. And more  
text. And more text. And more text. Even more. Continued on page 2 ...

# Simple PDF File 2

...continued from page 1. Yet more text. And more text. And more text.  
And more text. And more text. And more text. And more text. And more  
text. Oh, how boring typing this stuff. But not as boring as watching  
paint dry. And more text. And more text. And more text. And more text.  
Boring. More, a little more text. The end, and just as well.



## **FD-1007**

PGDCA 1st Semester  
Examination, Dec.-Jan., 2021-22

Paper - II

Programming in 'C'

*Time* : Three Hours]      [*Maximum Marks* : 100

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**Note** : Answer any **two** parts from each question. All questions carry equal marks.

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### **Unit-I**

1. (a) Explain the operator precedence and associativity.
- (b) Explain the variable and constant with suitable example.
- (c) Explain the different types of character formatting in 'C' with suitable example.

( 2 )

**Unit-II**

2. (a) Write a programme to check a given number is even number or odd number.
- (b) Write a programme to display a table of any given number.
- (c) Explain the break and continue statement with suitable example.

**Unit-III**

3. (a) What is function ? Explain with suitable example.
- (b) Write a programme to addition of two matrix. (assume  $3 \times 3$  matrix)
- (c) Differentiate between iteration and recursion with suitable example.

**Unit-IV**

4. (a) What is pointer ? Explain pointer authentication with suitable example.
- (b) What is pointer to pointer ? Explain with suitable example.
- (c) Write a programme to sort the string using pointer.

**Unit-V**

5. (a) What is structure ? How to initialize the structure element ? Explain with suitable example.

( 3 )

- (b) Write a programme to pass a structure as an argument in a function.
  - (c) Explain the array of structure with suitable programme.
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