

15/3/24 ATKT

FULL 711301123 - Prog. with (15)

DURATION: - 2½ hrs

Note: - (1) All questions are compulsory.

(2) All questions carry equal marks.

(3) Figures to the right indicates full marks

MARKS:-75

- Q.1) Attempt any three of the following:- 15M
- a) Explain structure of 'C' programming. CO1-U
  - b) Write a short note on operators. CO1-R
  - c) Write an algorithm to accept two numbers and display its product. CO1-A
  - d) What is identifier & keyword? Can we use keyword as an identifier? CO1-R
  - e) WAP to accept marks of three subjects & calculate total, average and grade. CO1-A
  - f) WAP to accept character from user & check it is vowel or not. CO1-A
- Q.2) Attempt any three of the following:- 15M
- a) Write short note on switch case. CO2-R
  - b) What is conditional statements? CO2-U
  - c) Explain iteration statement in detail. CO2-U
  - d) WAP to accept a number and print fractional of that number. CO2-A
  - e) Write short note on exit control Loop. CO2-R
  - f) WAP to accept number and print in reverse order. CO2-A
- Q.3) Attempt any three of the following:- 15M
- a) Write short note on functions. CO3-R
  - b) Write difference between local variable and global variable. CO3-R
  - c) Explain any 5 predefine functions. CO3-U
  - d) WAP to create function naming "Interest" Which will accept parameters & calculate simple interest. CO3-A
  - e) WAP to count number of characters from given string. CO3-A
  - f) WAP to copy string into another string without using predefine function. CO3-A
- Q.4) Attempt any three of the following:- 15M
- a) Write short note on Exception Handling. CO4-U
  - b) What is an Array? Explain. CO4-R
  - c) Explain pointer in detail. CO4-R
  - d) WAP to transpose Array. CO4-A
  - e) What is the difference between strcpy & strcat ( ) function? CO4-U
  - f) WAP to demonstrate Pointer. CO4-A
- Q.5) Attempt any three of the following:- 15M
- a) What is structure? CO5-R
  - b) Write short note on header files. CO5-U
  - c) What is file Handling? CO5-R
  - d) Write difference between structure & Array. CO5-U
  - e) WAP to create Structure naming STUDENT. CO5-A
  - f) WAP to create file & write your name in file. CO5-A
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