

F.Y.IT Sem.-I Nov 2023 prog. prin. with C

Seat No. _____

DURATION: - 2½ hrs

711301123

MARKS:- 75

Note: - (1) All questions are compulsory.
(2) All questions carry equal marks.
(3) Figures to the right indicates full marks

- Q.1) Attempt any three of the following:- 15M
- a) Write short note on Data type. CO1-U
 - b) Write an Algorithm to check and entered number is even or odd. CO1-U
 - c) Explain fall through. CO1-R
 - d) Explain variable in detail with syntax & example & its rules. CO1-R
 - e) WAP to accept 3 numbers and find maximum number. CO1-A
 - f) WAP to accept character and print name of the rainbow colour. CO1-A
- Q.2) Attempt any three of the following:- 15M
- a) What is switch case? Explain it. CO2-U
 - b) Write short note on conditional statement. CO2-R
 - c) Write difference between entry control Loop & exit control Loop. CO2-R
 - d) WAP to accept a number & print factors of that number. CO2-A
 - e) WAP to accept a number & print in reverse order. CO2-A
 - f) WAP to print following pattern. CO2-A
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- Q.3) Attempt any three of the following:- 15M
- a) What is Function? Explain it. CO3-R
 - b) Write difference between formal parameter & actual parameter. CO3-U
 - c) Write a short note on string functions. CO3-R
 - d) WAP to accept 10 array elements & number from user & check that number is present in array or not. CO3-A
 - e) WAP to create function naming area which will calculate area of circle. CO3-A
 - f) WAP to reverse a string. CO3-A
- Q.4) Attempt any three of the following:- 15M
- a) What is exception Handling? CO4-U
 - b) Write short note on Array. CO4-R
 - c) What is mean by dynamic binding? CO4-U
 - d) Write short note on pointer. CO4-R
 - e) WAP to create pointers which will store the address of another variable. CO4-A
 - f) WAP to print addition of matrix. CO4-A
- Q.5) Attempt any three of the following:- 15M
- a) Explain structure in detail. CO5-U
 - b) What is header file? Explain it. CO5-R
 - c) Explain data file Handling in detail. CO5-U
 - d) WAP to demonstrate the structure. CO5-A
 - e) WAP to read data from file. CO5-A
 - f) WAP to create structure naming Employee. CO5-A