YENISI - VI : WINTER - 2016

Subject : Comprehensive Examination-I (Objective Type)

Day : Tuesday
Date : 13/12/2016

S.D.E. 33552

Time : 02.00 P.M. TO 05.00 P.M.
Max Marks : 100 Total Pages : 5

N.B.:

1) All questions are **COMPULSORY**.
2) Each question carries **2** marks.
3) Write the appropriate choice in the answer book.

Q.1 Which of the following is an algorithm?
a) Flowchart b) Pseudo code
c) C- code d) None of these

Q.2 An extra node at the front of a list which does not represent an item is a _____ node.
a) begin b) Start
c) Header d) None of these

Q.3 A function that transforms a key into a table index is called_____.
a) Control b) Map
c) Hash d) None of these

Q.4 A decision table facilitates conditions to be related to be related to
a) Tables b) Programs
c) Actions d) None of these

Q.5 The traversal method for _____ trees induce traversal methods for forest.
a) Single b) Binary
c) Search d) None of these

Q.6 IF Rs. 782 be divided into three parts, proportional to $\frac{1}{2}:\frac{2}{3}:\frac{3}{4}$ then the first part is _____.
a) Rs. 204 b) Rs. 408
c) Rs. 190 d) None of these

Q.7 The mean of a binomial distribution is 10 and its standard deviation is 2. What is the value of q?
a) 1 b) 0.8
c) 0.6 d) None of these

Q.8 Inverse of the proposition $p \rightarrow q$ is
$a) q \rightarrow p$ b) $\sim p \rightarrow \sim 9$
$c) \sim 9 \rightarrow \sim p$ d) None of these

P. T. O.