

10 MCQ For IBPS IT Officer Exam 2017

1)Disadvantage of dynamic RAM over static RAM is

- a)Higher power consumption
- b)Variable speed
- c)Need to refresh the capacitor charge every once in two milli second
- d)Lower packing density
- e)None of these

2)What is a hash table?

- a)A structure that maps values to keys
- b)A structure that maps keys to values
- c)A structure used for storage
- d)A structure used to implement stack and queue
- e)None of these

3)If several elements are competing for the same bucket in the hash table, what is it called?

- a)Diffusion
- b)Replication
- c)Collision
- d)Variable
- e)None of these

4)Pancake Sorting appears in which of the following?

- a)Frequency Scaling
- b)Storage Virtualization
- c)Parallel Processing
- d)Neural Networking
- e)None of these

5)When we realize a specific implementation of a pancake algorithm, every move when we find the greatest of the sized array and flipping can be modeled through _____

- a)Combinations
- b)Exponential functions
- c)Logarithmic functions
- d)Permutations
- e)None of these

6)The Pancake Problems (1975, 1979, 1973) did NOT involve which of the following people?

- a)Bill Gates
- b)Jacob Goodman
- c)Christos Papadimitriou
- d)John Goodman
- e)None of these

7)A dynamic RAM consists of

- a)6 transistors
- b)2 transistors and 2 capacitors
- c)1 transistor and 1 capacitor
- d)4 transistors
- e)None of these

8) In a virtual memory system the address space specified by the address lines of the CPU must be ----than the physical memory size and ----than the secondary storage size.

- a)smaller, smaller
- b)larger, larger
- c)smaller, larger
- d)larger, smaller
- e)None of these

9)Which of the following is NOT a Catalan number?

- a)1
- b)5
- c)14
- d)43
- e)None of these

10)Which of the following methods can be used to find the nth

Catalan number?

- a) Recursion
- b) Binomial coefficients
- c) Dynamic programming
- d) All of the mentioned
- e) None of these

Answers:

- 1) c
- 2) b
- 3) c
- 4) c
- 5) d
- 6) d
- 7) c
- 8) d
- 9) d
- 10) d