HP Aptitude Test Sample Papers

1. Select a suitable figure from the Answer Figures that would replace the question mark (?).(Image)
Problem Figure: Answer Figure:
analogy1
A   B CD 1 2 34 5

A.1
B.2
C.3
D.4
E.5

Answer: A

Solution:
The upper element is converted to an element similar to the lower elements and each one of the lower elements is converted to an element similar
to the upper element

2. Select a suitable figure from the Answer Figures that would replace the question mark (?).(Image)
Problem Figures:Answser Figures:
analogy2
A B C D 1 2 3 4 5

A.1
B.2
C.3
D.4
E.5

Answer: B

Solution:
Each one of the upper elements is replaced by an element similar to the lower element(s) and each one of the lower elements is replaced by an
element similar to the upper element(s).

3. Each sentences below consist of a word or a phrase which is bold. It is followed by four words or phrases. Select the word or pharse which is closes to the OPPOSITE in meaning of the bold word or phrase.
Adversity teaches man to be humble and self-reliant.

A.sincerity
B.animosity

C.curiosity
D.prosperity

Answer: D

4. Synonym of bold word
   When I look back over there wartime years I cannot help feeling that time is an inadequate and even capricious measure of their duration at one moment
   they seem so long, at another so short.

A.misleading
B.whimsical
C.erratic
D.unpredictable

Answer: B

5. Kings are generally audacious. What does "audacious" mean?

A.Concerned about people
B.Fearless
C.Suspicious
D.Pious

Answer: B

6. Linked lists are best suited for:-

A.for relatively permanent collections of data
B.for the size of the structure and the data in the structure are constantly changing
C.for both of above situation
D.for none of above situation

Answer: B

7. A binary tree can easily be converted into q 2-tree

A.by replacing each empty sub tree by a new internal node
B.by inserting an internal nodes for non-empty node

C.by inserting an external nodes for non-empty node
D.by replacing each empty sub tree by a new external node

Answer: D

8. The complexity of Binary search algorithm is

A.O(n)
B.O(log n)

C.O(n2)
D.O(n log n)

Answer: B

9. The Worst case occur in linear search algorithm when

A.Item is somewhere in the middle of the array
B.Item is not in the array at all
C.Item is the last element in the array
D.Item is the last element in the array or is not there at all

Answer: D

10. The time factor when determining the efficiency of algorithm is measured by

A.Counting microseconds
B.Counting the number of key operations
C.Counting the number of statements
D.Counting the kilobytes of algorithm

Answer: B

11. In the following diagram rectangle represents men, Triangle represents educated, Circle represents urban and square represents government employees. Which one of the following represents the educated men but not urban ?**(Image)**

A.9
B.4
C.5
D.11

Answer: D

12. Which one of the following represents a woman who is urban as well as government employee ?

A.7
B.3
C.10
D.6

Answer: C

Solution:
Ans = [Woman & Urban & Government_Employee] Conditions: Outside the rectangle(women) & circle(urban)