

1. The closest meaning of the word EXHORT is
a) Urge b) restrain c) condemn d) scold
2. PREAMBLE: CONSTITUTION
a) Amendment: Law b) Prologue: Play
c) Episode: Serial d) plot: story
3. Fill in the blanks
The committee wrote areport extolling only the strength of the proposal
a) reasonable b) supportive c) biased d) fragmented
4. If the country has to achieve real prosperity, it is that the fruits of progress reach all in equal measures.
a) Inevitable b) Contingent c) Oblivious d) Imperative
5. A person invest Rs. 1000 at 10% CI compounded annually for 2 years .At the end of 2 years the whole amount is invested at an annual SI of 12 % pa for 5 years. The total value of investment finally is
a) 1776 b) 1760 c) 1920 d) 1936
6. "The ban on smoking in designated public places can save a large number of well known effects of environmental tobacco smoke, and the passive smokers are the worst affected from it". Which of the following sentences sums up the meaning of the above passage.
a) Effects of tobacco are well known
b) The ban of smoking in public places protects the non smokers
c) Passive smoking is bad for your health.
d) The ban of smoking in public places excludes passive smokers.
7. Consider the set of integers (1,2,3.....,5000) the number of integers that is divisible by neither 3 nor 4 is :
a) 1668 b) 2084 c) 2500 d) 2916
8. Given the sequence A, BB, CCC, DDDD.....and so on , the 240th letter in the sequence will be:
a) V b) U c) T d) W
9. A positive integer m in base 10 when represented in base 2 has the representation p and the base 3 has the representation q , We get p-q= 990, where the subtraction is done in base 10 , Which of the following is necessarily true:
a) $m \geq 14$ b) $9 < m < 13$ c) $6 < m < 8$ d) $m < 6$
10. Given the following functions
 $f_1(n) = n^{100}$ $f_2(n) = 1.2^n$ $f_3(n) = 2^{n/2}$ $f_4(n) = 3^{n/3}$
Which function will have the largest value for sufficiently large value of n as ($n \rightarrow \infty$)
a) f_1 b) f_2 c) f_3 d) f_4