## SECTION B - Attitude to questions 35 minutes

- 91. 4 mat weaver can veave 4 mate in 4 days. At the same side how many not would be woven by 8 mat weares in 8 days
- 92. How many seconds will a 500-meter-long torain take to cross a man walking at a speed of 3 Km/ron in the direction of the moving torain if the year of the train is 63 Km/ Hr.
- 93. Look at this socies: 14,28,20,40,32,64,... What number should core next?
- 94. How many times do the hands of a clock coincide in a day? 95. Today is Thursday. After 132 days, it will be
- 96. Two dice one tossed. The paobability that the total scare one parquira paime numberrus:
  - 97. In how many ways can a committee, consisting of 5 mor and 6 women can be bosined from 8 men and 10 women
  - Q8. Mahendora RajaPaksa bought a total of 15 discrept, BMW and Audi for 768 million. He bought more BMW than Audi-The cost of each Airwraft was 78 million each BMW way 7 3 million and each Audi was 7 4 million. How many Airoraft did he buy?
- Qq. The shop keeper sold article A at a 20% does and the cost Price of wride A was 74500. With that amount he bought orticle 8 and Idd it at a Profit of 30% what is the overall soft or loss in the whole transactions

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9% Excluding Stoppage, the object of a loss is 54 kmph, and
                        including Stoffaggs, it is 45 kmph. From how many minutes
                        does the law stop for hour?
                Section - A - Porogramming 10 questions from
    91. What is the output for the provided input in the Prope
                      below?
                             Input : ash = [-4, -3, -2, -1, 4, 3, 2]
                       Class Solution & long of the first process with for not soils
                                       3 (reco [] tri)odos tri sildu?
                                                int war = 0;
                                                int h = cus;
                                                                                                                                                                                 somes will be real
                                                    foolint i : asa) ?
                                                             cun += i;
             ing h = math max (h, cus);
                                           3 warms file that a last of the last or last.
            se is the spiritulation of the state of the second of the 
            92. What is the output for the provided input in the progra
              10put: num = [1,2,3, 1,1,3]
                                                                                                               indicated a do door have may it of
                                          Public int Zoho (int [] numy) De a winds was such under so
                                                  int ans = 000 thought see million see That have
                  for (int 1=0; i < nums. dengthi; int+) &
                  foor (int j = it) j i < nums . dougth; i++) & nums .
                                                                 of County [ ] == Tury [ ] just st. bit the will
             the state of the s
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93. What is the output for the provided input in the program below?
   below?
    mput: nums = [1,2,1]
                                 The field of going togal
    Class Solution &
       Public int [] zoho [int [] this] odos [] this
          int [] and = new int [2 " nums. length];
          for (int i= 0; i< nums. length; itt)
             ans [i] = ans [i+ nums. length ] = nums [i]
             notion any
94. What is the output for the provided input in the priogram
                                     Intern Lucies worn'd . 32
    below?
    Input: Stars = ["flower", "glow", "flight"]
     Public String Zoho (String [] Store) & Jehan gainets 112
     if (Stors. length = = 0) oretween "";
     [Lo] & rets = quet & privets
     for (int i = 1; i < stas. length; i++)
        While (Stas [i]. index of (temp) ]=0) &
        temp = temp. Substruing (o, temp. length () - 1);
        if (temp is Empty()) notwern "";
```

95. Before model Array

oretwin temp

96. What is the ordered from the possibled input in the possible Input: nury =[0,2, 1,5,3,4] 1 m itures Public int [] build rongy Cirt [] Jungs ) & int [] and = now int [nums. length]; gar 25 19 for (int i=0; i < nums. length; itt) oution ans; Arriag model my all out tople at so bound Binary Search model 99. Binary Second model ( sell lift help) our gales sile Q10. String model " make (11 Stone) , 1938) il otto mis your goingt (4-ri; dd:gash: 3rets : i : 1 = i bri) to I (o o ( ( year) ) o see boi; . [i] zects ) show tong = tenger substants (o. Lang. dangth) = 1): it (temps is the CORT day is done ) for