ASSIGNMENT GIVEN ON WEEKEND

1)Which letter replaces the question mark ?

ANSWER: 6  4      4  1  6+4 +4 =14 , then N = 14
         4  N      L  7  4+1+7 =12, then L= 12

         5  U      ?  1  5+6 +10  = 21, then U = 21
         6  10     14  2   14+2+1=17,then Q =17

The question mark number is 17, 17 refers to   Q.

1) Which letter replaces the question mark?

ANSWER: 2+2+8 = 12, then L =12, and S= 19,then 3+7+8= 18, then R = 18, then 12 =L, and S=19, we want to subtract 12 -19 =7, then the question mark refers to 7, and then with R =18, then we want to add 18 +7 =25, then the question mark answer is 25 represents Y. Y is the answer.

4) Which letter  replaces the question mark?

ANSWER: For G - 7
         For A -1

For P - 16

For ?

For J - 10

i found that g and j we want to add like parallely 7 +10 = 17, and we are using A and P parallely we add, then it will give 16 +1 =17, and for f =6, 17 is the equal value for g and j, and P and A. then we want to find the question mark , that is 17 -6 =11 ,then the answer for the 11 letter is k. K is the answer.

5) What time should you watch the show?

ANSWER: difference between 2:31 to 3:13 is 42, and difference between 3:13 to 3:55 is 42, and difference between 3:55 to 4: 37 is 42 , and the question mark answer is 5:19.

6) Which letter replaces the question mark?

ANSWER: B -2, C-3, E- 5, G- 7, and the ?
2 3 5 7 is the sequence , we can find that 2+3=5, 5+2 =7, then 7+2 =9, then 9  letter  is then the answer , 9 = I. It is the answer.

7) Mara runs faster than gail
    Lily runs faster than mara

Gail runs faster than lily.

ANSWER : The third statement is false. The options are A) true , B) false and C) uncertain.

8) Here are some words translated from an artificial language?
haplessh  means cloudburst
srenchoch means pinball
resbosrench means ninepin
Which word could mean "Cloud nine" ?

ANSWER: haplresbo , because the hapl means cloud ,and resbo means nine.

9) Here are some words translated from an artificial language?
Migenlasan means cupboard
Lasanpoen means boardwalk
Cuopdansa means pullman
Which word could mean "walkway"?
The option is A) poenmigen
            B) cuopeisel
            C) lasandansa
            D) poenforc

ANSWER : is poenforc, poen means walk , and why it is not mentioned the option, then the answer is peonforc.

10) Statements : No women teachers can play, some women teachers are athletes.

CONCLUSION:

i) Male athletes can play.
ii) Some athletes can play.

    A)  Only conclusion I follow.
    B)  Only conclusion II follows.
    C)  Either I or II follows.
    D)  Neither I or II follows.
    E)  Both I and II follow.

ANSWER : Either I or II follows.

11) FAG, GAF, HAI, IAH - ?

OPTIONS: A) JAK
       B) HAL
       C) HAK

D) JAI

ANSWER: JAK is the answer.

12) Pen is to Poet as needle is to -

OPTION: A) Thread
B) Button
C) Sewing
D) Tailor

ANSWER: Tailor is the answer.

13) A man has rs.480 in the denominations of one - rupee notes, five -rupee notes and ten rupee notes. The number of notes of each denomination is equal. What is the total number of notes that he has ?

A) 45
B) 60
C) 75
D) 90

ANSWER: one rupee five rupee ten rupees are there
We can use 10, we can multiply in ten 10 x 10 =100, and 5 x10 =50 , and for one rupee it has 1 x10 =10, and after that

we can use 20, 20 x 10 = 200, and 20 x5 = 100, 20 x1 =20, and after that , we are using 30 x10 =300, 30 x 5 =150, and 30 x1 =30 ,it is coming totally 480 rupees . then we can take 30 rupees or notes . it will give 90 notes. D is the answer D =90.

14) In a 100 m race, A can give B 10m, and C - 28m, in the same race B can give C:

   A)  18m
   B)  20m
   C)  27m
   D)  9m

ANSWER: A :B  = 100 : 90
           A: C = 100 :72
B: C = B/A X A/C = 90/100 X 100/72 = 90/72 , when B runs 90m, C runs 72m, when B runs 100 m, C runs.
(72/90 x100)m = 80m. B can give C = 20m.

15) A person crosses a 600m long street in 5 minutes. What is the speed in km per hour?

   A)  3.6
   B)  7.2

C) 8.4

D) 10

ANSWER: speed = distance/ time - formula

Assuming that 1km =1000m and then convert it into hours using the concept called 1 hour = 60 minutes, we can write 600m to km, 600m =xkm , then x= 600/1000 km , x =0.6km, y =5/60 hrs , y =0.083hrs, speed = distance/ time = 0.6/0.083= 6x  1000/ 83x10 = 6000/830 = 600/83 = 7.2km/h is the answer.

16) + means is greater than'

- means ' is less than'
X means' not greater than'
/ means 'not less than'

P -q -r implies,

1) P-Q +R
2) Q+P-R
3) RXQ+P
4) Q+P/R

SOLUTION: p<q>r

Q>p<r

R>Q>R

Q>P<R

ANSWER: is 1) option Q>P<R

17) if orange = blue

   If blue = red

   If red = yellow

   If yellow = green

   If green = black

   If black = violet

   If violet = orange

What would be the colour of blood ?

OPTION:

 1) RED

2) GREEN

3) BLACK

4) YELLOW

ANSWER: YELLOW

18) Imagine that you need to put a ball into an empty container and then insert a cork into the neck. Is there a way to remove the ball without taking out the cork or breaking the container ?

ANSWER: Push the cork into the container and put the container upside down to let the coin out.

19) If google is coded as 4, and absentee as 6, then what is the code for LETTERS ?

SOLUTION: google -4, absentee - 6, and letters are , firstly we are using google has 6 words, and absentee has 8 words, and letters is 5. Answer is 5.

20) If madras is coded as 19 - 7 -10 - 24 - 7 -25, how will you code the spider ?

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
19 -M, A-7, D-10, R -24, A -7, S -25.

MADRAS - M -19 A - 7 D - 10 R -24 A - 7 and S -25, then spider is S - 25, P - 22, I - 15, D -10, E - 11, R - 24. THE answer is spider 25-22-15-10-11-24.

21) What 5 - digit number has the following features:
If we put the numeral 2 at the end of the number, we get a number which is three times the number if we put the numeral 2 at the beginning?

ANSWER: $2,00,000 \ x = 3(10x + 2)$
$\qquad 2,00,000 \ x = 30x + 6$
$\qquad x = 2,00,000 - 1,00,000 = 1,99,994$
Then, we are using $30 - x = 29x$
$x = 1,99,994 / 29 = 6,896.34$ is the answer.