

Answers

Q1....

A= numeric real

B- character string

C= logical

D= character string

E= character string

F= character string

G= numeric integer

H= numeric real

I= numeric real

J= logical

Q2....

A= 9

B= 5.0

C= true

D= 2

E= true

F= 25

G=false

H= false

I= 0 remainder 25

J= false

K= 10

L= true

M= 5

N= false

O= true

P= 0

Q= true

R= 64

S= 6.6 recurring

T= false

U= false

Q3.....

A= * then + then -

B= \ then / then =

C= * then < then OR

D= * then NOT then AND

E= + then > then NOT

F= NOT then AND then OR

G= + then < then > then AND

H= ^ then * then +

I= \ then + then NOT

J= MOD then \ then <

Q4..... (solutions done on sheet)

A= 8.5

B= -1.5

C= 13.5

D= 3

E= 3.75

Q5....TotalMinutesWorked= (NoonOut-MorningIn)+ (NightOut-NoonIn)

HoursWorked= TotalMinutesWorked\60

MinutesWorked= TotalMinutesWorked MOD 60

Q6...

FullTime= ((Week1Hour + Week2Hour)/80) * 100

FullTime= ((15+20)/ (80)) * 100

FullTime= 43.75%

Q7.....

A.... R= False AND True OR False and True

- False OR False
- = False

B..... R= NOT (False AND True) OR NOT (True and False)

- NOT False OR NOT False
- True OR True
- = True

C..... R= (False OR True) AND (True OR False)

- True AND True
- = True

D..... R= NOT (False AND True OR False) AND (False OR True AND True)

- NOT (False OR False) AND (False OR True)
- NOT (False) AND (True)
- True and True

- =True

E..... False OR NOT (False AND True) AND (False OR True) OR NOT (False OR False)

- False OR NOT True AND True OR NOT False
- False OR True AND True OR False
- True AND True
- True