DIWALI QUIZ

1.Which of the following will come in place of question mark according to the English alphabetical series?
BECD, GJHI, LOMN, ?

A. PSRQ
B. PQRS
C. QTSR
D. QTRS
E. QRST

2.If 'LOST' is coded as 'KNRS', then how is 'GAIN' coded as?

A. FXHN
B. FZHN
C. FZIM
D. FZHM
E. FZEM

###COMMON###3###6###**Direction:** Study the information given below and answer the questions based on it.

In a certain code language,
'monetary for growth only' is written as 'pa ge bo xu'.
'provide GDP to growth' is written as `wr dl nj ge'.
'growth like to inflation' is written as 'ge ct fx wr'.
'inflation GDP in monetary' is written as 'dl bo sv ct'. ###DONE###

3. What may be the possible code for 'provide money' in the given code language?

A. fx by
B. xu bo
C. by nj
D. nj xu
E. wr fx

4.In the given code language what does the code 'pa' stand for?

A. GDP
B. either 'for' or 'only'
C. either 'for' or `to'
D. inflation
E. for

5.What is the code for 'like' in the given code language?

A. et
B. wr
C. sv

D. dl
E. fx

6.A man introduces a lady as the daughter of the daughter of the father of his uncle. His uncle has only one sibling. The lady is the man's _____.

A. Mother
B. Paternal Aunt
C. Sister
D. Daughter

7.Pointing to a woman, a girl says, "Her daughter-in-law is married to the only son of my husband's mother-in-law." How is the girl related to the woman?

A. Niece
B. Granddaughter
C. Daughter
D. Cousin

###COMMON###8###10###

Direction: Study the information given below and answer the questions based on it.

A is the brother of C. C is married to E. E is the daughter of D. A is the father of R. M is the mother of S. M has only one son and only one daughter. S is the son of A. T is the daughter of C.
###DONE###

8. How is E related to A ?

A. Sister
B. Sister-in-law
C. Cousin (sister)
D. Cannot be determined
E. None of these

9.How is R related to C ?

A. Daughter
B. Nephew
C. Daughter-in-law
D. Niece
E. Son

###COMMON###10###12###**Direction:** Study the information given below and answer the questions based on it.

'P × Q' means 'P is the father of Q'
'P – Q' means 'P is the sister of Q'
'P + Q' means 'P is the mother of Q'
'P ÷ Q' means 'P is the brother of Q' ###DONE###

10. In the expression: B + D × M ÷ N, how is M related to B?

A. Granddaughter
B. Son
C. Grandson
D. Either granddaughter or grandson
E. None of the above

11.I am facing East. I turn 100º in the clockwise direction and then 145º in the anti-clockwise direction. Which direction am I facing now?

A. East
B. North-East
C. North
D. South-West

12.A rat runs 15 feet towards East and turns to right and runs 10 feet. He then turns to right and runs 9 feet, and again turns to left to run 5 feet. He once again takes a left turn and runs 12 feet and finally turns to left and runs 6 feet. What direction is the rat facing now?

A. East
B. North
C. West
D. South

###COMMON###13###15###**Direction:** Study the following information and answer the questions.

Rahul goes to his office from his house by a car. He drives the car from point A. He drives 5km towards south and reaches point B, then he turns to his right and drives 4km and reaches point C. Now he turns to his right and drives 12km and reaches point D. He then takes a left turn and drives 5km and reaches point E. Finally he drives 7km towards south and reaches his office. ###DONE###

13. What is the distance between point A and his office?

A. 10km
B. 9km
C. 7km
D. 6km
E. None of these

14.Rose moves 5km towards South, then she takes a left turn and moves 10km and then turns 90 degrees to the clockwise direction and reaches her house after moving 5km. If 'South-West' becomes 'North' and 'North-West' becomes 'East' and so on then in which direction is Rose's house from the starting point?

A. South-East
B. North
C. South-West
D. West
E. None of these

Direction: What should come in place of the question mark (?) in the following number series?

15. 8, 9, 36, 205, ?, 13437

A. 1484
B. 1934
C. 1739
D. 1524
E. 1893

16.5, 5, 10, 30, ?, 600

A. 90
B. 120
C. 150
D. 70
E. 140

Direction: In the following number series, only one number is wrong. Find the wrong number.

17.

4000, 2000, 400, 200, 40, 25, 4

A. 4000
B. 2000
C. 200
D. 25
E. 4

Direction: Find the wrong term in the series given below.

18. 337, 306, 277, 250, 235, 218, 205

A. 337
B. 306
C. 277
D. 250
E. 235

Directions: In each of the following questions select the related word/letters/numbers from the given alternatives

19. 76 : 42 :: 66 : ?

A. 63
B. 12

C. 35
D. 36

20.**Directions:** In each of the following questions select the related word/letters/number from the given alternatives.
CAT : DDY : : BIG : ?

A. CLL
B. CLM
C. CML
D. CEP

###COMMON###21###21###**Direction**: Select the related word/letters/ number from the given alternatives.
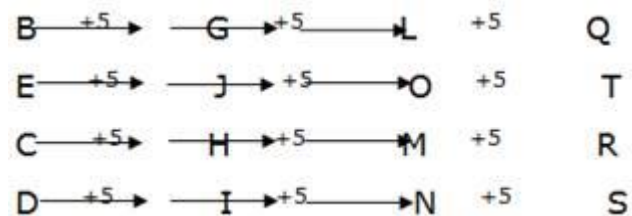###DONE###

21. 8 : 28 :: 27 : ?

A. 8
B. 28
C. 64
D. 65

22.In a queue of 75 persons, Bryce is 67th from the right end and Carol is 73rd from the left end, Rick is exactly in the middle of Bryce and Carol. What is the position of Rick from the left end of the queue?

A. 41
B. 43
C. 39
D. 38
E. None of these

###ANSWERS###

All the letters of the word are replaced by their preceding letter according to English alphabetical series.

Clearly, **'GAIN' coded as FZHM.**

('monetary for growth only' is written as 'pa ge bo xu'
'provide GDP to growth' is written as `wr dl nj ge'
'growth like to inflation' is written as 'ge ct fx wr'

'inflation GDP in monetary' is written as 'dl bo sv ct')

Word	Code
Monetary	bo
For	pa/xu
Growth	ge
Only	pa/xu
Provide	nj
GDP	dl
To	wr
Like	fx
Inflation	ct
In	sv

From the above information code for 'provide' is 'nj'.
And the code for 'money' can be 'by' from the given options.
Hence 'provide money' is coded as 'by nj'

('monetary for growth only' is written as 'pa ge bo xu'
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In	sv

From the above information we can't find separate code
Of 'pa 'hence either 'for' or 'only' is the code for 'pa'.

('monetary for growth only' is written as 'pa ge bo xu'
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Word	Code
Monetary	bo
For	pa/xu
Growth	ge
Only	pa/xu
Provide	nj
GDP	dl
To	wr
Like	fx
Inflation	ct
In	sv

From the above information 'like' coded as 'fx'
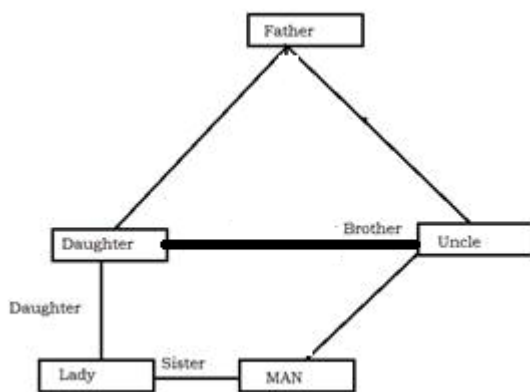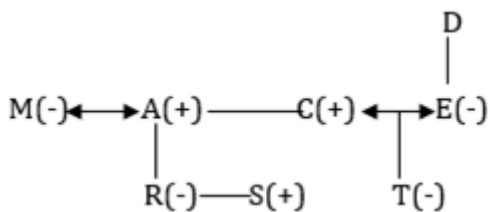

The lady is the man's sister, as shown above.

From the information given in the question,
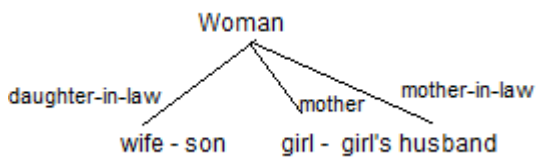
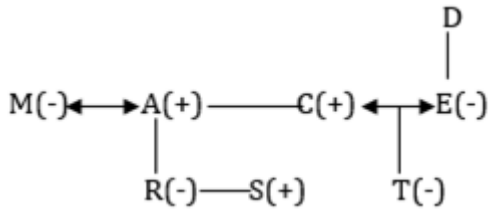
Hence, option C is the correct response.
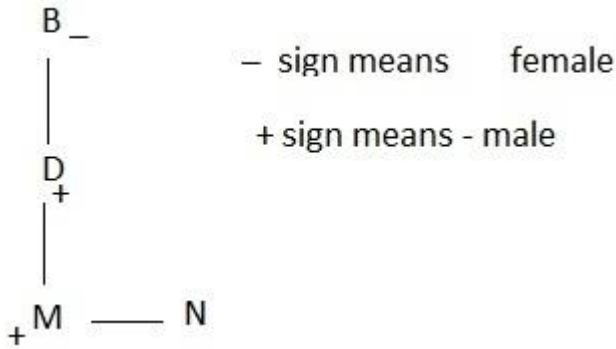
E is Sister-in-law of A

R is Niece of C

M(-)◄──►A(+)────C(+)◄──►E(-)
with D above C, and below: R(-)──S(+) under A, T(-) under E

As per the question information family tree is as follows:

B _
|
D +
|
+ M ──── N

− sign means   female
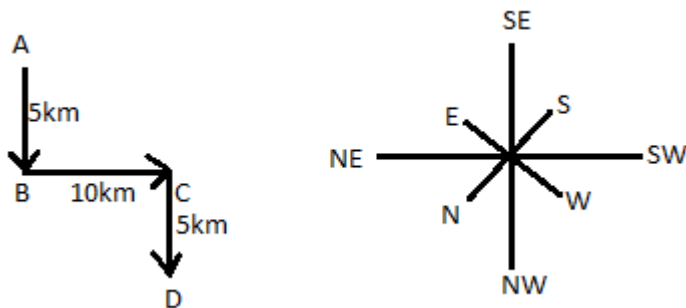
+ sign means - male

As per given information M is grandson of B.
Hence answer is c).

The direction will be north east
Hence option B is correct

The distance between point A and his office is 9 km.

E ──5km── D ──4km── G
7km   12km
Office ──── F ──── A
                   5km
            C ── 4km ── B
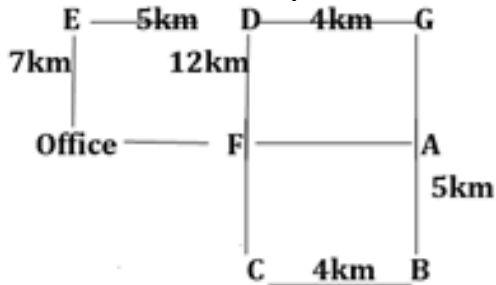
The movements of Rose are shown in the figure (A to B, B to C, C to D):

So, Rose's house is to the south-east from the starting point. But 'south-east' becomes 'west'. So, Rose's house is to the west from the starting point.

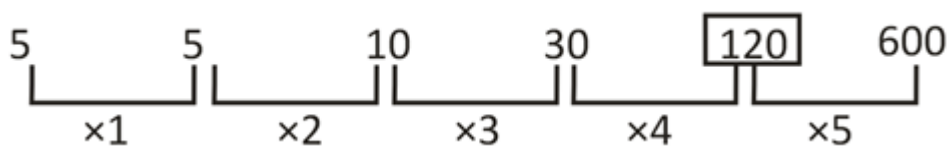The pattern of the series is:

$8 \times 1 + 1^2 = 9$

$9 \times 3 + 3^2 = 36$

$36 \times 5 + 5^2 = 205$

$205 \times 7 + 7^2 = 1484$

$1484 \times 9 + 9^2 = 13437$

The pattern of the series is:

The pattern of the series is:

$4000 \div 2 = 2000$

$2000 \div 5 = 400$

$400 \div 2 = 200$

$200 \div 5 = 40$

$40 \div 2 = 20$

$20 \div 5 = 4$

Hence, the wrong number is 25.

The pattern of the series is:

$337 - 31 = 306$

$306 - 29 = 277$

$277 - 23 = 254$
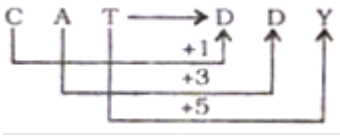
$254 - 19 = 235$

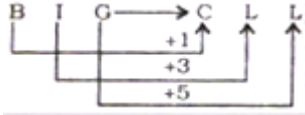$235 - 17 = 218$

$218 - 13 = 205$

Clearly 250 is the wrong term.

$76 \Rightarrow 7 \times 6 = 42$

Similarly, $66 \Rightarrow 6 \times 6 = 36$

Similarly,

$2^3 = 8$

$28 = 3^3 + 1 = 27 + 1$

$3^3 = 27$

$? = 4^3 + 1 = 65$

Hence Option D is correct

Let the number of persons between Bryce and Carol = x

Then, x = 67 + 73 – 75 – 2 = 63

So, the number of persons between Bryce and Carol is 63.

Hence, the middle of 1 to 63 is 32.

The position of Bryce from left end is 9 and 32 persons sit between Bryce and Rick, so the position of Rick from left end is 9+32= 41.

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