How is the lady related to the man?

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Competitive Exams Special
Reasoning

1) YEB, WFD, UHG, SKI, (?)
- a) QOL
- b) TOL
- c) QGL
- d) QNL

Ans: (a) 1st letter moves –2 steps each time.

2nd letter moves +1, +2, +3, +4 steps respectively.

3rd letter moves +2, +3, steps alternatively.

2) Introducing Rajesh, Neha said, "His brother's father is the only son of my grand father". How Neha is related to Rajesh?
- a) Sister
- b) Daughter
- c) Mother
- d) Niece

Ans: (a) Father of Rajesh's brother is the father of Rajesh. Rajesh's father is the only son of Neha's grandfather. Hence, Rajesh's father is Neha's father. So, Neha is the sister of Rajesh

DIRECTIONS (Qs. 3-5) : Study the following information to answer the given questions:

In a certain code, 'he was singing good' is written as 'la pa ho ta', 'good was the aim' is written as 'zo ho ji la', 'singing at the stadium' is written as 'ma ta ku ji' and 'was this a stadium' is written as 'ku bi ho vi'.

3. Which of the following represents 'the aim stadium'?
- a) ma pa ji
- b) ku zo pa
- c) ku ji zo
- d) ji zo ma

Ans: (c) The - ji from 2nd and 3rd code, aim and zo only present in 2nd code.

From 3rd and 4th code, stadium - ku

4. Which of the following may be the code for 'she was singing'?
- a) ro ta zo
- b) ta ji ku
- c) ho bo ji
- d) ho ta bo

Ans: (d) From 1st and 4th, was - ho, from 1st and 3rd - singing - ta bo and she not present anywhere.

5. What is the code for 'at'?
- a) ku
- b) ji
- c) ma
- d) zo

Ans: (c) From 3rd, at – ma

6) Which one of the following is correct?

6 * 4 * 9 * 15
- (a) ×, = , –
- b) ×, –, =
- (c) =, ×, –
- (d) –, ×, =

Ans: (b) 6 × 4 – 9 = 15

7) If '–' stands for '+', '+' stands for '×', '×' stands for '–' then which one of the following is not correct ?
- a) 22 + 7 – 3 × 9 = 148
- b) 33 × 5 – 10 + 20 = 228
- c) 7 + 28 –3 × 52 = 127
- d) 44 – 9 + 6 × 11 = 87

Ans: (c) By options –

(a) 22 × 7 + 3 – 9 = 148

154 + 3 – 9

157 – 9 = 148 (correct)

(b) 33 – 5 + 10 × 20 = 228

33 – 5 + 200

200 + 33 – 5

233 – 5 = 228 (correct)

(c) 7 × 28 + 3 – 52 = 127

196 + 3 – 52

199 – 52 = 147 (incorrect)

(d) 44 + 9 × 6 – 11 = 87

44 + 54 – 11

98 – 11 = 87 (correct)

DIRECTIONS (Q.8) : In the following questions, a group of letters is given which are numbered 1, 2, 3, 4, 5 and 6. Below a re given four alternatives containing combinations of these numbers. Select that combination of numbers so that letters arranged accordingly form a meaningful word.

8. I N L A S G

1 2 3 4 5 6
- a) 6, 1, 3, 5, 4, 2
- b) 5, 1, 6, 2, 4, 3
- c) 3, 4, 6, 1, 2, 5
- d) 2, 4, 3, 6, 1, 5

Ans: (b) SIGNAL

9) In a row of boys Akash is fifth from the left and Nikhil is eleventh from the right. If Akash is twenty-fifth from the right then how many boys are there between Akash and Nikhil?
- a) 14
- b) 13
- c) 15
- d) 12

Ans:(b) There are (25 – 11– 1) = 13 boys between Akash and Nikhi

10) P, Q, R and S are four men. P is the oldest but not the poorest. R is the richest but not the oldest. Q is older than S but not than P or R. P is richer than Q but not than S. The four men can be ordered (descending) in respect of age and richness, respectively, as
- a) PQRS, RPSQ
- b) PRQS, RSPQ
- c) PRQS, RSQP
- d) PRSQ, RSPQ

Ans:(b) Q > S, P > Q, R > Q

Age: As, Q > S, P > Q, R > Q

Also, P is the oldest.

? P > R > Q > S

Richness : As, P > Q, S > P Also R is he richest.

? R > S > P > Q

11) 8, 15, 28, 53, ...?
- a) 98
- b) 106
- c) 100
- d) 102

Ans:(d) 8 × 2 – 1 = 15, 15 × 2 – 2 = 28, 28 × 2 – 3 = 53, 53 × 2 – 4 =102

12) If 'green' is called `white', `white' is called `yellow, 'yellow' is called `red', `red' is called `orange', then which of the following represents the colour of sunflower?
- a) red
- b) yellow
- c) brown
- d) indigo

(a) The colour of sunflower is yellow and yellow is called 'red'. Hence sunflower is red.

13) If '–' stands for division, '+' for multiplication '÷'for subtraction and '×' for addition. Which one of the following equation is correct?
- a) 6 ÷ 20 × 12 + 7 – 1 = 70
- b) 6 + 20 – 20 ÷ 7 × 1 = 62
- c) 6 – 20 ÷ 12 × 7 + 1 = 57
- d) 6 + 20 – 20 ÷ 7 – 1 = 38

Ans; (a) : 6 ÷ 20 × 12 + 7 – 1 = 70

L.H.S. = 6 – 20 + 12 × 7 ÷ 1

= 6 – 20 + 84

= 90 – 20 = 70 R. H.S.

14) From the given alternative words, select the word which cannot be formed using the letters of the given word :

TRIVANDRUM
- a) RAIN
- b) DRUM
- c) TRAIN
- d) DRUK

Ans: (d) DRUK cannot be formed using TRIVANDRUM as it does not contain letter 'K'.

15) A man said to lady, "Your mother's husband's sister is my aunt." How is the lady related to the man?
- a) Daughter
- b) Grand daughter
- c) Mother
- d) Sister

Ans: (d) Lady's mother's husband --> Lady's father

Lady's father's sister ---> Lady's (a)unt. So, Lady's aunt is man's aunt and therefore lady is man's sister.

16) From the given alternatives select the word which cannot be formed using the letters of the given word :

INFLATIONARY
- a) FLAIR
- b) FAULTY
- c) NATIONAL
- d) RATION

Ans:(b) There is no 'U' in the word INFL(a)TION(a)RY.