Who is sitting fourth to the right of Kavitha?

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Model Questions

Directions (Q.No.1-5): Study the following information and answer the given questions:

Vamsi, Prem, Suma, Kavitha, Ravi, and Kiran are sitting in a single row having eight seats. Three of them are facing towards north and three are facing towards south. Two seats are vacant but neither of the extreme ends is vacant. No person is sitting to the right side of Kiran. Neither Vamsi nor Kiran is the immediate neighbour of the seats that are vacant. Prem is sitting third to the right of Vamsi, who is facing towards north. Those people who are sitting to the either side of the vacant seats are facing in opposite directions. No two consecutive seats are vacant. Neither Suma nor Ravi is sitting at any of the extreme ends. Those who are sitting at the extreme ends are facing in the same direction. Ravi is sitting third to the left of Suma, who is facing towards north. Only two people are sitting between the seats that are vacant and both of them face the same direction.

1. Who among the following sit at the corner?
   a) Kiran   b) Vamsi   c) Prem
   d) Suma   e) Ravi
2. Who is sitting fourth to the right of Kavitha?
   a) Vamsi   b) Prem   c) Suma
   d) Kiran   e) None of these
3. Who is sitting third to the left of Kiran?
   a) Prem   b) Ravi   c) Suma
   d) No one   e) None of these
4. Which of the following statement regarding Prem is true?
   a) Prem is facing towards south
   b) Immediate seats neighboring to Prem are vacant
   c) Prem is sitting second to the right of Ravi
   d) Prem is sitting between Ravi and Kiran
   e) Prem is facing towards north.
5. How many person(s) are sitting between Vamsi and Suma?
   a) None   b) One   c) Two
   d) Three   e) None of these.

Directions (Q.No.6-10): Study the following information to answer the given questions:

There are 7 pairs of husband-wife among the following A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, A12, A13 and A14. They work in one of the seven Airways namely Indigo, Air India, British Airways, Emirates, Spice jet, Qatar Airways, and Lufthansa. The husband and wife live together in the same city. The following information is known about them:

» A8 is a female who lives in Nagpur and her husband works in Emirates.
» There's only one pair who work in the same Airways and they live in Agra.
» A7 is a male whose wife works in Spice jetAirways.
» A13 is the husband of the one working in Indigo and lives in Indore.
» A3 & A11 are males who live in Coimbatore & Surat respectively and are married to A4&A10 but not necessarily in the same order.
» A9, a male works in Indigo and lives in Ahmedabad and the female who works in Spicejet lives in Hyderabad.
» A2 & A14 are females and A5 is the husband of A12.
» A9's wife and A11 work in Air India.
» A6's husband works in Lufthansa Airways.
» A11's wife and A14's husband work in Qatar Airways.
» A10 works in Emirates.

6. A13 is working in which of the following Airways?
   a) Lufthansa
   b) Qatar Airways
   c) Air India   d) Emirates

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   e) can't be determined
7. Which of the following is correctly framed?
   a) Surat - A11 - A10 (Emirates)
   b) A3 (Spice jet) - Coimbatore - A10
   c) Hyderabad - A7 (Lufthansa) - A4 (Qatar Airways)
   d) Ahmedabad - A4 (Qatar Airways) - A3 (Spice jet)
   e) None of these
8. A2 lives in which of the following cities?
   a) Ahmedabad   b) Hyderabad
   c) Indore   d) Agra
   e) can't be determined
9. Who among the following works in Indigo Airways?
   a) A8   b) A14   c) A6
   d) Either (b) or (c)
   e) Either (a) or (b)
10. A9 and A10 are working in which of the Airways respectively?
    a) Emirates & Indigo
    b) British Airways & Spice jet
    c) Indigo & Emirates
    d) Qatar Airways & Air India
    e) None

Directions (Q.No.11-13): Study the following information to answer the given questions:
In a certain code,
'RING BANGLE MUD JAR' is written as '24#G, 12@R, 28$E, 26%D'
'JOKE BAN RADIO MONDAY' is written as ', 26@E, 16$N, 17#O, 8%Y'
'MOUNTAIN BEAR RANDOM JUMP' is written as '21%N, 13$R, 20#M, 15@P'
'JAM ROUND BAT MONEY' is written as '17@M, 28#D, 10$T, 7%Y'
11. What is the Code for 'BELOW'?
    a) 9*B   b) 9#W   c) 9@W

    d) 23$W   e) None of these
12. What is the Code for 'MEETING'?
    a) '27%G'   b) '24#T'
    c) '20$N'   d) '14@M'
    e) None of these
13. What does '28#D 6@X 21%R' Stand for?
    a) BRAND SIX RETAILER
    b) ROUND   BOX MANUFACTURER
    c) WORLD CLIMAX ZIPPER
    d) BOARD   ICEBOX ADVANCER
    e) Cannot be determined.

Directions (Q.No.14-15): In each of the questions below are given two statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the two given statements disregarding commonly known facts.
   a) Either conclusion I or II follows.
   b) Both conclusions I and II follow.
   c) Neither conclusion I nor II follows.
   d) Only conclusion II follows.
   e) Only conclusion I follow.
14. **Statements:**
    Only worms are bugs
    Only a few worms are moths
    All moth are not fly.
    Conclusions:
    I. No fly is a worm.
    II. All moths being bugs is a possibility.
15. Statements:
    Some stars are planets. No planet is a moon.
    Conclusions:
    I. No star is a moon.
    II. Some stars are moons.

Directions (Q.No.16-19): Study the given information carefully and answer the given questions: An input-output is given in different steps. Some mathematical operations are done in each step. No mathematical operation is repeated in next step.

As per the rules followed in the steps given above, find out in each of the questions the appropriate steps for the given input.

| 6 4 | 2 2 | 7 2 | 1 7 | 3 3 | 4 3 |

16. What is the sum of all the numbers in step 2?
    a) 40   b) 42   c) 39   d) 44   e) 45
17. What is the difference between the numbers obtained in step 3?
    a) 63   b) 90   c) 81   d) 73   e) None of these
18. What is the minimum value must be added in number of step 4 to make it a perfect square?
    a) 9   b) 8   c) 7   d) 6   e) 10
19. What is the smallest number obtained in all the steps together?
    a) 9   b) 3   c) 13   d) 10   e) 5
20. Tej is walking straight facing the sun, after walking some distance he turned left, again after walking some distance he turned right, then he turned left twice, in which direction is he facing now?
    a) East   b) West   c) North   d) South   e) can't be determined

Key with Solutions

(1-5):

Kiran	Vamsi	Ravi	Vacant	Prem	Suma	Vacant	Kavitha
↓	↓	↓		↑	↑		↓

1) **a**; 2) **e**; 3) **d**; 4) **e**; 5) **c**;

(6- 10):

Airways	Male	Female	Airways	City
Emirates	A1	A8	Lufthansa	Nagpur
Lufthansa/Qatar	A7	A6 / A14	Spice jet	Hyderabad
Qatar/Lufthansa	A13	A14 / A6	Indigo	Indore
Spice jet	A3	A10	Emirates	Coimbatore
Air India	A11	A4	Qatar	Surat
Indigo	A9	A2	Air India	Ahmadabad
British	A5	A12	British	Agra

6) **e**; 7) **b**; 8) **a**; 9) **d**; 10) **c**;

(11- 13):

LETTER	SYMBOL	NUMBER
Last letter of the word.	If the first letter of the word is R => # B => $ M => % J => @	Sum of the opposite letter value of the last letter in the word from the right end and number of letters in the word.

11) **e**; 12) **a**; 13) **e**;

(14- 15):   15) **a**;
14) **d**;

Worms, Bugs, Moth, Fly

Star, Planets, Moon
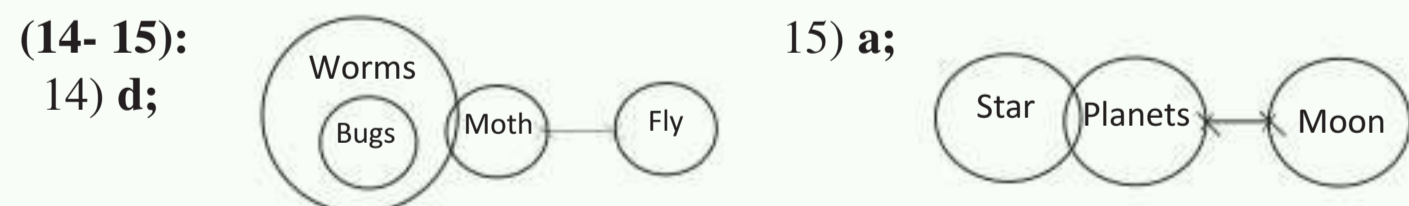
(16- 19):
Step1: 5×3=15, 5×8=40 and then add 15+40=55
4×3=12, 2×6=12 and then add 12+12=24
1×8=8, 6×1=6 and then add 8+6=14
Step 2: Multiply the digits of first box 5×5=25 and multiply the answer with first digit of second box = 25×2=50. Multiply the digits of Third box 4×1=4 and multiply the answer with second digit of second box = 4×4=16.
Step 3: Adding both the digits of first box = 5+0=5 and square of 5 is 25. Adding both the digits of second box = 6+1=7 and square of 7 is 49.
Step 4: Add both 25+49=74.
16) **c**; 17) **e**; 18) **e**; 19) **b**;
20) **e**; It is given that Tej is walking facing the sun, but it is not given weather it is morning or evening so it is hard to conclude the direction which he is facing.

input-
6 4 2 2 7 2 1 7 3 3 4 3
step1: 3 1 1 3 2 6
step2: 0 3 3 6
step3: 0 9 8 1
step4: 9 0

input-
5 3 4 3 1 8 5 8 2 6 6 1
step1: 5 5 2 4 1 4
step2: 5 0 1 6
step3: 2 5 4 9
step4: 7 4