SECTION I
Sub-section I-A: Number of Questions = 26

Note: Questions 1 to 26 carry one mark each.

Directions for Questions 1 to 4: Answer the questions on the basis of the information given below.
Prof. Singh has been tracking the number of visitors to his homepage. His service provider has provided him with the following data on the country of origin of the visitors and the university they belong to:

	Number of visitors		
	DAY		
COUNTRY	1	2	3
Canada	2	0	0
Netherlands	1	1	0
India	1	2	0
UK	2	0	2
USA	1	0	1

	Number of visitors		
	DAY		
UNIVERSITY	1	2	3
University 1	1	0	0
University 2	2	0	0
University 3	0	1	0
University 4	0	0	2
University 5	1	0	0
University 6	1	0	1
University 7	2	0	0
University 8	0	2	0

1. University 1 can belong to

    1. UK
    3. Netherlands
    2. Canada
    4. USA

Sol. For Q.1 to Q.4 :

From both the table given in question, we can from following table.

	DAY			
University	**1**	**2**	**3**	**Possible country/ies**
University 1	1	0	0	India, Netherlands
University 2	2	0	0	UK, Canada
University 3	0	1	0	Netherlands
University 4	0	0	2	UK
University 5	1	0	0	India, Netherlands
University 6	1	0	1	USA
University 7	2	0	0	UK, Canada
University 8	0	2	0	India

Sol. University 1 can belong to India and Netherlands. **Ans.(3)**

2. To which country does University 5 belong?

    1. India or Netherlands but not USA
    3. Netherlands or USA but not India
    2. India or USA but not Netherlands
    4. India or USA but not UK

Sol. University 5 can belong to India or Netherlands but it cannot belong to USA. **Ans.(1)**

3. Visitors from how many universities from UK visited Prof. Singh's homepage in the three days?

    1. 1   2. 2
    3. 3   4. 4

Sol. UK will last 2 universities. **Ans.(2)**

4. Which among the listed countries can possibly host three of the eight listed universities?

    1. None   2. Only UK
    3. Only India   4. Both India and UK

Sol. Not a single country can host three university. At most they can last two universities. **Ans.(1)**

A very easy set, lots of tables of similar type were given in praccats

Directions for Questions 5 to 8: Answer the questions on the basis of the information given below.
A study was conducted to ascertain the relative importance that employees in five different countries assigned to five different traits in their Chief Executive Officers. The traits were compassion (C), decisiveness (D), negotiation skills (N), public visibility (P), and vision (V). The level of dissimilarity between two countries is the maximum difference in the ranks allotted by the two countries to any of the five traits. The following table indicates the rank order of the five traits for each country.

Rank	Country				
	India	China	Japan	Malaysia	Thailand
1	C	N	D	V	V
2	P	C	N	D	C
3	N	P	C	P	N
4	V	D	V	C	P
5	D	V	P	N	D

5. Three of the following four pairs of countries have identical levels of dissimilarity. Which pair is the odd one out?

    1. Malaysia & China   2. China & Thailand
    3. Thailand & Japan   4. Japan & Malaysia

Sol. Option (4) is the right answer because options (1), (2), (3) have level of dissimilarity as 4 where as option (4) has level of dissimilarity as 3. **Ans.(4)**

6. Which amongst the following countries is most dissimilar to India?

    1. China   2. Japan
    3. Malaysia   4. Thailand

Sol. Option (2) as level of dissimilarity is 4. **Ans.(2)**

7. Which of the following countries is least dissimilar to India?

    1. China   2. Japan
    3. Malaysia   4. Thailand

Sol. Option (1) as level of dissimilarity is 2. **Ans.(1)**

8. Which of the following pairs of countries are most dissimilar?

    1. China & Japan   2. India & China
    3. Malaysia & Japan   4. Thailand & Japan

Sol. Option (4) as level of dissimilarity is 4. **Ans.(4)**

A easy set, a very similar set was given in DRSB's - PT's Classroom material, a good student should be able to solve it easily.