

Birla Institute of Technology and Science, Pilani
End-semester examination

Data management & warehousing

Answer key

- | | | | |
|---|------|----|------|
| 1 | BCNF | 6 | BCNF |
| 2 | 1NF | 7 | 3NF |
| 3 | 1NF | 8 | 3NF |
| 4 | 1NF | 9 | 2NF |
| 5 | 3NF | 10 | 11 |

- 11
- 6
 - 2
 - 0
 - 0
 - 2

- 12
- FALSE
 - TRUE
 - FALSE
 - Describe the table & it can also be used to sort the tuples in descending order
 - FALSE

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	V1	V2	V3	V4	V5	V6	V7	Clust. coefficient	Degree centrality	Closeness Centrality	Betweenness Centrality
V1	0	1	2	3	2	4	4	NaN	1	0.0625	0
V2	1	0	1	2	1	3	3	0.5	4	0.09090909	5.333333
V3	2	1	0	1	2	2	2	1	3	0.1	2
V4	3	2	1	0	1	1	1	0.3	5	0.11111111	9.333333
V5	2	1	2	1	0	2	2	1	3	0.1	2
V6	4	3	2	1	2	0	2	NaN	1	0.07142857	0
V7	4	3	2	1	2	2	0	NaN	1	0.07142857	0