SNS COLLEGE OF TECHNOLOGY
COIMBATORE-35

## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING 19GET275 - VQAR-1

Q:

A is B's sister. C is B's mother. D is C's father. E is D's mother. Then, how is A related to D?
A) Grandfather
B) Grandmother
C) Daughter
D) Granddaughter

Answer \& ExplanationAnswer: D) Granddaughter
Explanation:
$A$ is the sister of $B$ and $B$ is the daughter of $C$.

So, A is the daughter of C . Also, D is the father of C .

So, A is the granddaughter of D .
Q:

In a family, there are six members A, B, C, D, E and F.
$A$ and $B$ are a married couple, $A$ being the male member. $D$ is the only son of $C$, who is the brother of $A$. $E$ is the sister of $D$. $B$ is the daughter-in-law of $F$, whose husband has died. How is E related to C ?
A) Sister
B) Daughter
C) Cousin
D) Mother

Answer \& ExplanationAnswer: B) Daughter
Explanation:

A is a male and married to B . So, A is the husband and B is the wife. C is the brother of A . D is the son of C . E . who is the sister of D will be the daughter of C . B is the daughter-inlaw of F whose husband has died means F is the mother of A .

Clearly. E is the daughter of C.
Q:

Pointing to a person, a man said to a woman, "His mother is the only daughter of your father." How was the woman related to the person?
A) Aunt
B) Mother
C) Wife
D) Daughter

Answer \& ExplanationAnswer: A) Aunt
Explanation:

Daughter of your father - Your sister. So, the person's mother is woman's sister or the woman is person's aunt.

A girl introduced a boy as the son of' the daughter of the father of her uncle. The boy is girl's
A) Brother
B) Son
C) Uncle
D) Son-in-law

Answer \& ExplanationAnswer: A) Brother
Explanation:

Daughter of uncle's father - Uncle's sister - Mother;

Mother's son - Brother

A woman introduces a man as the son of the brother of her mother. How is the man, related to the woman?
A) Nephew
B) Son
C) Cousin
D) Uncle to Grandson

Answer \& ExplanationAnswer: C) Cousin

## Explanation:

Brother of mother - Uncle: Uncle's son - Cousin

There are six persons A. B, C, D, E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F . There are two fathers, three brothers and a mother in the group. Who is the mother ?
A) A
B) B
C) C
D) E

Answer \& ExplanationAnswer: D) E
Explanation:

D is father of A and grandfather of F. So, A is father of F.

Thus. D and A are the two fathers. C is the sister of F So. C is the daughter of A.

Since there is only one mother, it is evident that E is the wife of A and hence the mother of C and F .

So, B is brother of A There are three brothers. So. F is the brother of C.

## Clearly, A is E's Husband. <br> Q:

P is the brother of Q and R. S is R's mother. T is P's father. Which of the following statements cannot be definitely true?
A) T is Q's father
B) S is P 's mother
C) P is S s son
D) Q is T's son

Answer \& ExplanationAnswer: D) Q is T's son

## Explanation:

$P, Q, R$ are children of same parents. So. S who is R's mother and T, who is R's father will be mother and father of all three.

However, it is not mentioned whether Q is male or female $\mathrm{So}, \mathrm{D}$ cannot be definitely true.

Pointing to a lady, a man said, "The son of her only brother is the brother of my wife." How is the lady related to the man?
A) Mother's sister
B) Grandmother
C) Mother-in-law
D) Sister of father-in-law

Answer \& ExplanationAnswer: D) Sister of father-in-law

## Explanation:

Brother of my wife - My brother.in-law; Son of lady's brother is the brother-in-law of the man.

So lady's brother is man's father-in-law
i.e., the lady is the sister of man's father-in-law.

