

Date : 21st Jan 2024

Logical Reasoning - Blood Relation

English

**Q:1 Direction:** Read the information carefully and answer the following questions.

Seven persons A, B, D, E, F, G, and H are members of the family. A is the grandmother of G, who is the sister of F. D is the father of B. G is married to H. A is married to D. F is the son of E, who is the wife of B.

How is D related to F?

1. Grandfather
2. Grandson
3. Father
4. Brother
5. None of these

**Q:2 Direction:** Read the information carefully and answer the following questions.

Seven persons A, B, D, E, F, G, and H are members of the family. A is the grandmother of G, who is the sister of F. D is the father of B. G is married to H. A is married to D. F is the son of E, who is the wife of B.

Who is the daughter of E?

1. A
2. E
3. H
4. G
5. F

**Q:3 Direction:** Read the information carefully and answer the following questions.

Eight members P, Q, R, S, T, U, V, and W are in a family. U is the daughter-in-law of R. P is married to V, who is the son of S. T is married to U and W is the son of T. Q is the grandson of S, who is married to R. P has no child.

How many males are there in the family?

1. None
2. One
3. Two
4. Three
5. Five

**Q:4 Direction:** Read the information carefully and answer the following questions.

Eight members P, Q, R, S, T, U, V, and W are in a family. U is the daughter-in-law of R. P is married to V, who is the son of S. T is married to U and W is the son of T. Q is the grandson of S, who is married to R. P has no child.

How is T related to V?

1. Sister

2. Brother
3. Sister-in-law
4. Father-in-law
5. None of these

**Q:5 Direction:** Read the information carefully and answer the following questions.

Eight persons of a family namely A, B, P, Q, E, F, G, and H consist of three generations and three married couples.

G is the daughter of A, who is the daughter-in-law of E. P is the father of both F and B. B doesn't have any children. Q is the grandchild of E who is a female. B is not married to A. F and B both are brothers. 2 married couples belong to the second generation.

How is Q related to B?

1. Niece
2. Nephew
3. Either 1 or 2
4. Son
5. Daughter

**Q:6 Direction:** Read the information carefully and answer the following questions.

Eight persons of a family namely A, B, P, Q, E, F, G, and H consist of three generations and three married couples.

G is the daughter of A, who is the daughter-in-law of E. P is the father of both F and B. B doesn't have any children. Q is the grandchild of E who is a female. B is not married to A. F and B both are brothers. 2 married couples belong to the second generation.

How is H related to A?

1. Sister
2. Sister-in-law
3. Daughter
4. Son
5. None of these

**Q:7 Direction:** Read the information carefully and answer the following questions.

Eight persons of a family namely A, B, P, Q, E, F, G, and H consist of three generations and three married couples.

G is the daughter of A, who is the daughter-in-law of E. P is the father of both F and B. B doesn't have any children. Q is the grandchild of E who is a female. B is not married to A. F and B both are brothers. 2 married couples belong to the second generation.

How many females are there in the family?

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1. One
2. Two
3. Three
4. Four
5. Cannot be determined

**Q:8 Direction:** Read the information carefully and answer the following questions.

Eight members of a family namely A, B, C, P, Q, R, S, and M consists of three generations and three married couples.

P is the son-in-law of Q, who is married to the father of M. M is not married to P. S is the niece of M, who is married to C. A is the grandson of R. M has no child.

How many male members are in the family?

1. Three
2. Four
3. One
4. Two
5. None of these

**Q:9 Direction:** Read the information carefully and answer the following questions.

Eight members of a family namely A, B, C, P, Q, R, S, and M consists of three generations and three married couples.

P is the son-in-law of Q, who is married to the father of M. M is not married to P. S is the niece of M, who is married to C. A is the grandson of R. M has no child.

How is P related to C?

1. Brother
2. Son
3. Daughter
4. Brother-in-law
5. None of these

**Q:10 Direction:** Read the information carefully and answer the following questions.

Eight members of a family namely A, B, C, P, Q, R, S, and M consists of three generations and three married couples.

P is the son-in-law of Q, who is married to the father of M. M is not married to P. S is the niece of M, who is married to C. A is the grandson of R. M has no child.

Who is the aunt of A?

1. C

2. M
3. Q
4. B
5. Cannot be determined

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### Answer Key

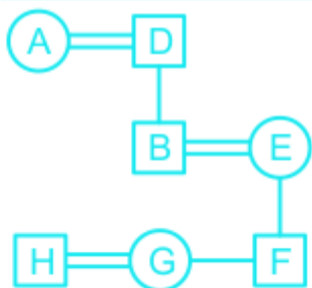
1. (1)	2. (4)	3. (5)	4. (2)	5. (3)
6. (2)	7. (5)	8. (2)	9. (4)	10. (5)

### Answers and Solutions

**Q:1** The correct answer is **Option 1** i.e. **Grandfather**

- 1) A is the grandmother of G.
- 2) G is a sister of F.
- 3) D is the father of B.
- 4) G is married to H.
- 5) A is married to D.
- 6) F is the son of E.
- 7) E is the wife of B.

Symbol in Diagram	Meaning
○	Female
□	Male
=	Married Couple
—	Siblings
	Difference of A Generation



D is the **Grandfather** of F.

Hence, the correct answer is **Grandfather**.

**Q:2** The correct answer is **Option 4** i.e. **G**

- 1) A is the grandmother of G.
- 2) G is a sister of F.
- 3) D is the father of B.

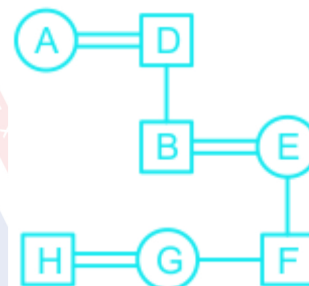
4) G is married to H.

5) A is married to D.

6) F is the son of E.

7) E is the wife of B.

Symbol in Diagram	Meaning
○	Female
□	Male
=	Married Couple
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	Difference of A Generation

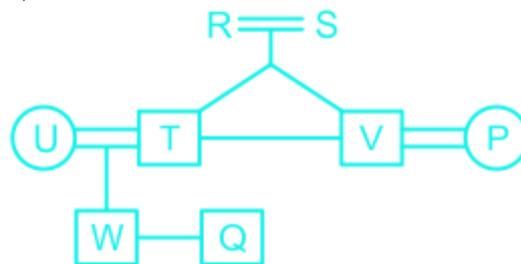


G is the daughter of E.

Hence, the correct answer is **G**.

**Q:3** The correct answer is **Option 5** i.e. **Five**

- 1) U is the daughter-in-law of R.
- 2) P is married to V, who is the son of S.
- 3) T is married to U and W is the son of T.
- 4) Q is the grandson of S, who is married to R.
- 5) P has no child.



The gender of R and S is not definite, but we know that

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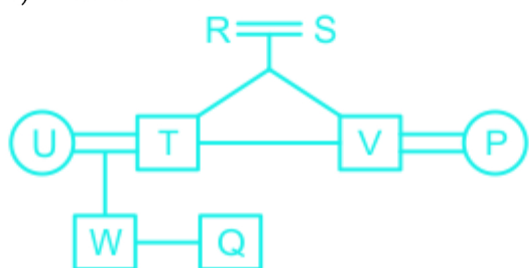
English

one of them is definitely male, so five male members are there in the family.

Hence, the correct answer is **Five**.

**Q:4** The correct answer is **Option 2** i.e. **Brother**

- 1) U is the daughter-in-law of R.
- 2) P is married to V, who is the son of S.
- 3) T is married to U and W is the son of T.
- 4) Q is the grandson of S, who is married to R.
- 5) P has no child.



T is the brother of V.

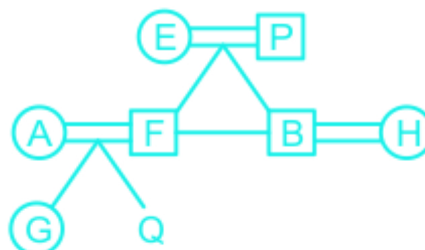
Hence, the correct answer is **Brother**.

**Q:5** The correct answer is **Option 3** i.e. **Either 1 or 2**

- 1) G is the daughter of A, who is the daughter-in-law of E.
- 2) P is the father of both F and B. F and B both are brothers.
- 3) B doesn't have any child. B is not married to A.
- 4) Q is the grandchild of E, who is a female. 2 married couples belong to the second generation.

By making the family tree we get the relationships and gender of the persons.

Symbol in Diagram	Meaning
○	Female
□	Male
=	Married Couple
—	Siblings
	Difference of A Generation



Clearly, As the gender of Q is not known so it can be either niece or nephew of B.

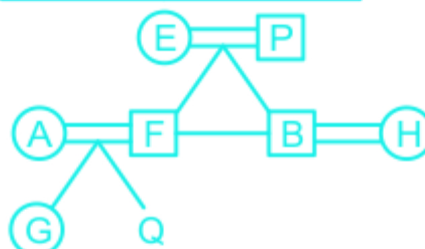
Hence, the correct answer is **Either 1 or 2**.

**Q:6** The correct answer is **Option 2** i.e. **Sister-in-law**

- 1) G is the daughter of A, who is the daughter-in-law of E.
- 2) P is the father of both F and B. F and B both are brothers.
- 3) B doesn't have any child. B is not married to A.
- 4) Q is the grandchild of E, a female. 2 married couples belong to the second generation.

By making the family tree we get the relationships and gender of the persons.

Symbol in Diagram	Meaning
○	Female
□	Male
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—	Siblings
	Difference of A Generation



Clearly, H is the sister-in-law of A.

Hence, the correct answer is **Sister-in-law**.



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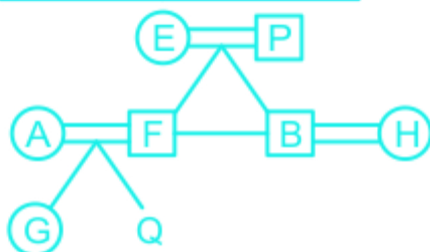
English

**Q:7** The correct answer is **Option 5** i.e. **Cannot be determined**

- 1) G is the daughter of A, who is the daughter-in-law of E.
- 2) P is the father of both F and B. F and B both are brothers.
- 3) B doesn't have any child. B is not married to A.
- 4) Q is the grandchild of E, a female. 2 married couples belong to the second generation.

By making the family tree we get the relationships and gender of the persons.

Symbol in Diagram	Meaning
○	Female
□	Male
=	Married Couple
—	Siblings
	Difference of A Generation



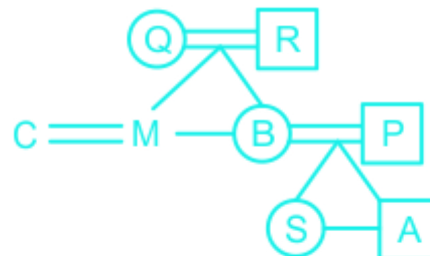
Clearly, As the gender of Q is not known so the number of females cannot be determined.

Hence, the correct answer is **Cannot be determined**.

**Q:8** The correct answer is **Option 2** i.e. **Four**.

- 1) P is the son-in-law of Q, who is married to the father of M.
- 2) M is not married to P.
- 3) S is the niece of M, who is married to C.
- 4) A is the grandson of R.
- 5) M has no child.

By making the family tree we get the relationships and gender of the persons.



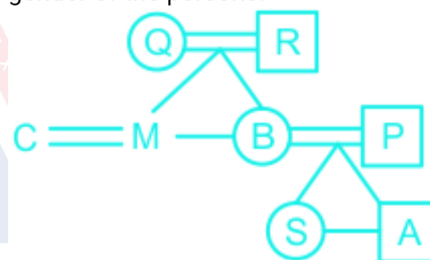
Clearly, M and C are married couples so one of them will be definitely male so the number of males is four.

Hence, the correct answer is **Four**.

**Q:9** The correct answer is **Option 4** i.e. **Brother-in-law**.

- 1) P is the son-in-law of Q, who is married to the father of M.
- 2) M is not married to P.
- 3) S is the niece of M, who is married to C.
- 4) A is the grandson of R.
- 5) M has no child.

By making the family tree we get all the relationships and gender of the persons.



Clearly, P is the brother-in-law of C.

Hence, the correct answer is **Brother-in-law**.

**Q:10** The correct answer is **Option 5** i.e. **Cannot be determined**.

- 1) P is the son-in-law of Q, who is married to the father of M.
- 2) M is not married to P.
- 3) S is the niece of M, who is married to C.
- 4) A is the grandson of R.
- 5) M has no child.

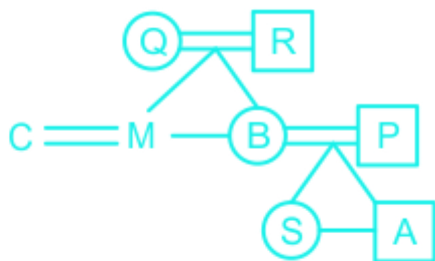
By making the family tree we get all the relationships and gender of the persons.



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Clearly, as the Gender of M and C is not known so the answer is Cannot be determined.

Hence, the correct answer is **Cannot be determined**.

