

Building/ Testing cases : CAT 2019

In the table below the check marks indicate all languages spoken by five people: Paula, Quentin, Robert, Sally and Terence. For example, Paula speaks only Chinese and English.

	Arabic	Basque	Chinese	Dutch	English	French
Paula			✓		✓	
Quentin				✓	✓	
Robert	✓					✓
Sally		✓			✓	
Terence			✓			✓

These five people form three teams, Team 1, Team 2 and Team 3. Each team has either 2 or 3 members. A team is said to speak a particular language if at least one of its members speak that language.

The following facts are known.

- (1) Each team speaks exactly four languages and has the same number of members.
- (2) English and Chinese are spoken by all three teams, Basque and French by exactly two teams and the other languages by exactly one team.
- (3) None of the teams include both Quentin and Robert.
- (4) Paula and Sally are together in exactly two teams.
- (5) Robert is in Team 1 and Quentin is in Team 3.

Who among the following four is not a member of Team 2?

1. Sally
2. Paula
3. Quentin
4. Terence

Who among the following four people is a part of exactly two teams?

1. Sally
2. Quentin
3. Robert
4. Paula

Who among the five people is a member of all teams?

1. No one
2. Terence
3. Sally
4. Paula

Apart from Chinese and English, which languages are spoken by Team 1?

1. Basque and French
2. Arabic and French
3. Basque and Dutch
4. Arabic and Basque

Ans Key :

c
a

d

b