

Resource 1 - **Desert Rose Quiz**

Research and read about the culturally significant Desert Rose, and test your knowledge by answering the multiple choice questions below.

[National Museum of Qatar\\_Desert Rose](#)

Q1) What is the Desert Rose made up of?

- a) Man-made Rose crystals
- b) Naturally formed gypsum crystals
- c) Gypsum crystals made through artificial intelligence
- d) Crystalline limestone rocks

Q2) In which location in Qatar was the Desert Rose specimen at the National Museum of Qatar (NMOQ) found?

- a) Umm Bab
- b) Umm Said
- c) Al Ruwaisl
- d) Az Zubarah

Q3) Where are desert roses found as a result of long-term processes?

- a) On the coastal beaches in Qatar
- b) Below the surface of coastal or inland sabkhas
- c) Near Doha port
- d) On the surface of inland sabkhas

Q4) Which one is the correct scientific process on how the desert roses are formed?



- a) The extremely high evaporation rates in sabkhas cause the groundwater to reach salinity levels, higher than that of seawater, allowing gypsum (a calcium sulfate mineral) to precipitate and form desert roses.
- b) The extremely low evaporation rates in sabkhas cause the seawater levels to rise, lower than that of groundwater, allowing gypsum (a calcium sulfate mineral) to precipitate and form desert roses.
- c) The calcium sulfate mineral reacts with the salinity levels of seawater creating gypsum to form desert roses.
- d) The gypsum reacts with the calcium sulfate mineral which surfaces to coastal land from the seawater. The clusters of minerals form desert roses.

Q5) How many years back were the desert roses formed?

- a) 100 years ago in warm conditions.
- b) 1,500 years ago in dry conditions.
- c) A decade ago in wet conditions.
- d) Most likely 6,000 years ago in arid conditions.

Q6) Which iconic architectural building is inspired by the Desert Roses?

- a) The Museum of Islamic Art
- b) Qatar National Library
- c) National Museum of Qatar
- d) Qatar National Convention Centre

Q7) In which Gallery can the Desert Rose be located?

- a) Gallery 11
- b) Gallery 1
- c) Gallery 5
- d) Gallery 7