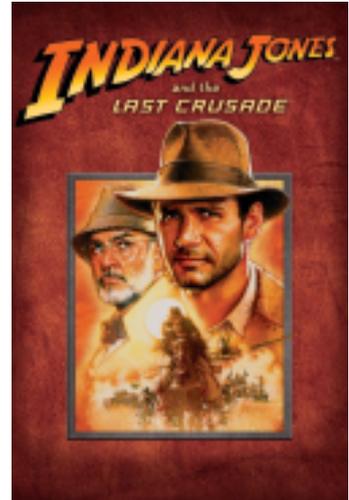


PETRA

SHEET 5

Challenge

Imagine you are a location scout for the Indiana Jones film and you are considering using Petra for the shoot. Use Geographical Knowledge to make the decision based on the location, budget and climate.



Location

1. Locate The Treasury (30.3220° N, 35.4515° E) at Petra.
2. Measure the distance from Queen Alia International Airport.
3. List one 5 star hotel where the actors can stay.
4. Using Satellite imagery locate a carpark where ten trailers for the actors can park. It must be close to the Treasury Building and near a main road. Screen shot and annotate your map.

Budget The local currency is Jordanian Dinars (JD).

5. If the shoot will require 100 extras for three days and their rate is 20 Dinars...
6. Petrol costs 0.92JD per litre and the shoot will require X15 trucks to drive from Queen Alia International Airport (31.7203° N, 35.9942° E) to the car park at Petra. Calculate;
 - i) the cost per truck in JD if 1 litre of petrol covers 20miles.
 - ii) the total cost of the X15 trucks in JD.
 - iii) the total cost of the X15 trucks in £s (1JD = £0.93).

Climate

7. The shoot will take 4 hours a day over 3 days. Using your climate data suggest the best month of the year and time of the day to film bearing the following in mind.
- The extras will not work on Friday or Saturday (because Jordan is an Islamic country and Friday and Saturday is the weekend there).
 - The actors will not be able to shoot if it is too hot (above 22°C) or too cold (below 19°C)
 - Filming will have to stop if it is raining (use the rainy days on your graph for this).

Decision

8. Write a 200 word email to the Director explaining why they should choose Petra for the film. Include facts on the Location, Budget and Climate to support your case.

Extension

The Pyramids at Giza provide a suitable alternative to Petra. Research Giza an alternative location. Compare and contrast the two locations based on Location, Budget and Climate.