

Course No: ARC
Course Title: Architecture in
Palestine

Date:
No. of Questions: (2)
Time: One hour
Using Calculator (No)

University of Palestine



Midterm Exam2
2017/2018
Total Grade:15%

Lecturer: Dr. Hazem Abu-Orf

Student No.: _____
Student Name: _____
College Name: _____
Dep. / Specialist: _____
Using Dictionary (No)

الإجابة على ورقة الأسئلة...

Question One: (5 Marks)

Q1 A) Choose the right answer (2.5 Marks)

- 1) **The most common construction material in Palestine might be**
A) Corbel stone B) Dry-hut stone C) Stone D) Limestone
E) All options
- 2) **Traditional housing in Palestine seeks to fulfill privacy through**
A) Architecture spaces, like takhtabash, majaz, the qa'ah and the courtyard
B) Architecture spaces, like takhtabash, majaz and the courtyard
C) Architecture spaces, like takhtabash, majaz and the qa'ah
D) Architecture spaces, like majaz, the qa'ah and the courtyard
E) Neither of the above options
- 3) **Dry-stone huts were constructed in traditional Palestine using:**
A) a corbelled vault B) a dry-stone corbelling technique C) a terraced walls
D) a conical corbelled dome E) all the above
- 4) **Palestinian dry-stone architecture has been associated with agriculture cycle and consists of**
A) Corbelled-stone huts and peasant houses
B) Terrace walls and agricultural terraces, in addition to
C) Corbelled-stone huts and terrace walls
D) Corbelled-stone huts and peasant houses, in addition to terrace walls and agricultural terraces
E) Neither of the above
- 5) **Al-mantarah has been found in Palestine in various forms, including**
A) Conical-shaped dry stone
B) Corbelled-dry stone hut
C) Temporary wooden construction termed 'Pergelo' and 'e'zbah' or 'seerah'
D) A+B+C
E) Neither of the above

Q1 B) tick \sqrt or X for the below statements (2.5 Marks)

- () A 'sabat' is additional space overlooking public rights seeking privacy
- () Urban construction in traditional Palestine includes avenue, twisted doorway, but excluding alleys
- () Urban morphology of Palestinian urban centers depict Roman street layout marked by a grid network
- () Traditional architecture in Palestine adheres to simple geometry of shapes as a means of creating harmony
- () Stone façade were kept invisible using plastering as a means of decoration while its construction shows a double layered of equal size built as a masonry from corbel stone

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Question Two: (10 Marks)

2A) Describe briefly the below concepts (answer only to 6 statements) (6 Marks)

Transverse arch (sketch where possible):

Cross vault construction(sketch where possible)::

Linear corbel stone ceiling

Hearing bone masonry (sketch where possible):

E) equilateral triangle

F) stone arches as roofing system:

G) rojoun:

H) Qa'El-beit:

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2 B) Compare between the below figures as required (2 Marks)



A) Name: _____

Name: _____

Construction system:

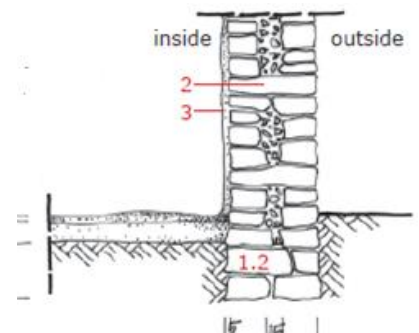
Material being used

Dwelling type:

Roof construction:

(1 Mark)

List the name of wall construction shown in the figure
Describe its key characteristics:



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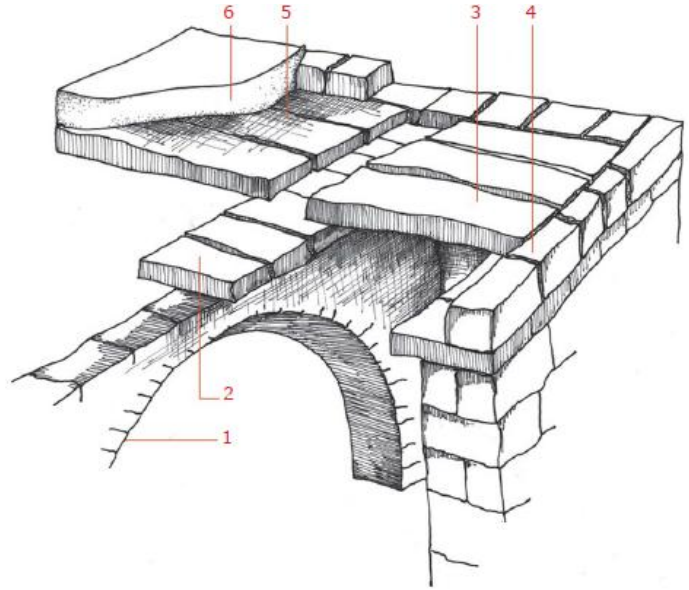
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List the name of: A) the construction system and B) the roofing system (1 Mark)
Describe the key characteristics of the construction being used and how it can serve to divide spaces.



End of Questions
Good Luck