


Course No:
Course Title: **Palestinian Architecture**
Date: **23 / 05 / 2011**
No. of Questions: **4**
Time: **2:00 hr**
Using Calculator (**No**)

University of Palestine

Final Exam
2nd quadmester 2011
Total Grade: **40**

Instructor: **MSc.Eng. Nabeel Aiad**
Student No.: _____
Student Name: _____
College Name: **Engineering**
Dep. /Specialist: **Arch. engineering**

Answer the following Questions:

Instructions: Answers should be clear and Consistent. Add Isometrics sketches and Drawings to your explanations to explain things that would be better with pictures than with words only

Question – 1 (10 points)

Part-1. (5 points)

Choose True Or False for the following statements. (5 points)

- A. () Permanent architecture used lightweight and simple materials like stones.
- B. () Mud house in Jordan valley and Jericho covered with cross vaults
- C. () Traditional house rooms has the square or circular shape and the angles are perpendicular affected with the parcels edges with streets
- D. () Qassarmal mortals combined of grey cement and ash
- E. () The outcome of Ottoman land reforms (Tanzimat 1858) is the appearance of the linear pattern

Part-2. Using the assistance of Isometric and sketches to explain each of the following elements: (5 points)

- A) Vernacular architecture B) Altakhtboch C) Sarrarah and Mala'aqah D) Wall of Tabllah E) Malqaf

Question – 2 (10 points)

- A. The two pictures define deferent vernacular architecture. Compare the similarities and \or differences between the characteristics of the two types



Palestinian vernacular house



Brazilian jungle hut

- B. Random style is one of the different Palestinian architecture development styles in historical periods. Explain this style and the factors that affected it.

Question – 3 (10 points)

- A. Esthetics of the Palestinian traditional house can be defined by the qualities of color and texture, massing and spaces, and scale and rhythm. Using the assistance of Isometric and sketches to explain this phrase using Porforious Church and Omari Mosque as examples to define these characteristics.
- B. Using the help of sketches and drawings, describe the construction process and the roofing layers of the Traditional Palestinian mud roof houses

Question – 4 (10 points)

- A. Vaulted and flat roof stone houses are the two main types of the stone houses. Compare between the two types using one house example on each describing (plans, openings, Roofs, construction system, and General characteristics)
- B. The traditional house at the period 1860 to 1948 had two sequences of development Explain the second sequence of the original shape development

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Hope you all Success