

Course No: ARC 2301
Course Title:
History of Architecture 1
Date: 06/01/2014
No. of Questions: (3)
Time: 2hours
Using Calculator (No)

University of Palestine



Final Exam
2014
Total Grade:60

Lecturer's Name: Dr Hazem Abu-Orf
Student No.: _____
Student Name: _____
Department: _____
Faculty: _____
Using Dictionary (No)

Question One:

A: Choose true or false for the following sentences: (10 Marks)

- () The Roman art is utilitarian, colossal and commemorative whilst the Roman architecture is integrated in the urban space
- () The building construction system of the Roman Architecture largely depends on columns and concrete vaulted systems
- () Roman cities were inadequately planned with straight streets crossing the town in a grid pattern
- () The Roman Temple copied the Greek one having two porticos and mainly one façade
- () Trajan is dominated by a colonnaded open square/ temple located behind the basilica with three libraries
- () Constantinian art is a mirror of transition from classical to medieval world
- () Pantheon in Roman architecture applies a temple for all Gods with 8 composite columns
- () Early Christian architecture is highly influenced by the Roman art and its architecture but hardly has a style
- () A typical Christian Basilica shares longitudinal axes and the use of aps only
- () Byzantine architecture is a domical style that is accordingly classified into 4 types of domes, including simple and special design of domes

B: Correct the statements above that you mark as wrong: (5 Marks)

Question Two:

A. Clarify the following concepts using sketches where appropriate (20 marks)

1. Roman Building systems
2. Roman City Plan
3. Barrel and Edged Vaults
4. Spectacles
5. Closely-spaced columns
6. Often-repeated columns
7. Pendentives
8. Pantheon
9. Insulae
10. Forum

B. Choose only one answer, (5 marks)

1. The column type in roman architecture is
A) Corinthian style, B) Tuscan & Composite, C) classical orders, D) neither of the above
2. City components in Roman Town Planning has
A) Straight streets , B) blocks of flats, C) main axes and squares, D) all of the above

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3. The Byzantine architecture can be distinguished into
A) Timber construction, B) Domed Style, C) Basilica plan, D) Basilica plan-early Christian and domed, centralised plan (Byzantine)
4. The standard Basilica has mainly the following
A) Apse, B) nave C) Roof timber construction C) nave & 2 aisles D) narthex & transept
5. Arctuated construction system applies the use of
A) Combined use of column, arch & beam B) Barrel vault C) Post & Lintel D) Groin vault

Question Three:

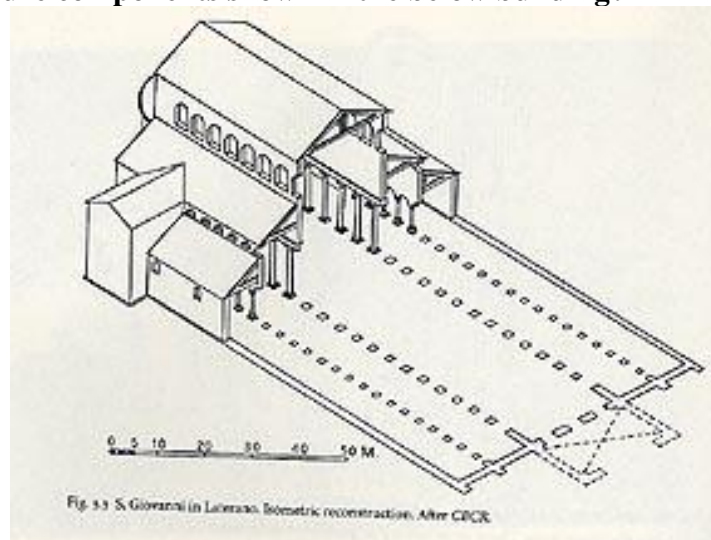
A Answer the below questions:

(16 Marks)

1. Explain as to why roman architecture represents a key stage in architecture history?
2. Clarify the differences and similarities between Roman Basilica & Early Christian Basilica?
3. Highlight briefly the architecture philosophy of Byzantine architecture while drawing on how this architecture has expressed beauty in its components?
4. List the varying types of vault system the Roman has adopted?

B Name the architecture components shown in the below building?

(4 marks)



Best wishes