



موسسه آموزش عالی نبی اکرم (ص)

تاریخ امتحان: 25/03/96

نام درس: زبان تخصصی

نام و نام خانوادگی:

رشته: معماری

نام استاد: شیوا ولایتی

شماره دانشجویی:

زمان امتحان: 50 دقیقه

سال تحصیلی:

نیمسال: دوم

**A. Translate the following passage into plain Persian. (10 points total)**

- 1- Structures large or small, must be stable and lasting, and must satisfy the needs for which they were built.
- 2- Architects, like sculptors and painters, work with forms, mass, and color, but they solve practical problems.
- 3- The primary loads are the natural forces due to gravity.
- 4- The weight of the permanent elements of a building such as beams, floor slabs, columns and wall, produce a dead load on structure.
- 5- -The modern buildings are constructed of today's industrial materials.
- 6- The interpretation that man gives to the forms of art is variable.

7- An architect's attitude towards the cosmos can be understood from his designs.

8- The relationship between economic efficiency and functional structure, proper proportions, spatial relationships, and ornamental richness are naturally pleasing.

9- Elastic materials usually only behave elastically up to a certain load.

10- Every time the load is applied, the plastic deformation will increase until a point is reached when the beam will fail.

11- The word elastics used to describe the recovery potential of material.

**B. Write appropriate Persian equivalents for the following items. (.5 point each – 6 points total)**

- Principles..... eternal..... Breaking point.....  
Deflect..... utility..... Strain .....
- The roman revolution in architecture..... live load..... Cathedral.....  
Reinforced concrete..... Primary load..... Lateral bracing.....

**C. Use the following words to complete the sentences. (.5 point each – 2 points total)**

**(Strain- apply - permanent- final- sense)**

- 1- It is simple to ..... what the designer intends to say.  
2- The rather old structures are not..... They may be soon destroyed.

3- The ..... purpose of an architectural to provide people with both facilities along with an artistic sense.

4- The more the.....on the structure, the more the demand for strong materials would be.

**D. Match the words in column A with their synonyms in column B. (.5 point each - 2 points total)**

**Column A**

Existing in thought, having no Physical existence

Enough or more than enough

Withstand

Permanent

**Column B**

ample

constant

resist

abstract

**Good luck**