



Department of Restoration	Subject: Readings in restoration monuments (European language)	
Date: 15/9/2015	Grade: Four	
Time :3 Hrs	2014-2015	The exam in two pages

**First page**

**Answer the following questions**

Total Marks: 20

**Question(1): Translate the following paragraphs into Arabic (Ten Marks)**

Three things are important for the understanding of preventive conservation, and for its successful implementation. These will be investigated and discussed at length in the context of this course. First understanding of good collections management techniques, second, understanding of the museum environment and third understanding basic materials science. The practice of good collections management is vital for the success of preventive conservation. This includes ( production of a preventive conservation strategy (as part of the Collections Management Policy) - environmental monitoring and recording - environmental regulation- Integrated Pest Management- Emergency preparedness - appropriate collections housing and security- appropriate museum building security- collections management procedures (accessioning, cataloging, documentation, inventory, condition reports, etc.)- Appropriate packing and transportation techniques- appropriate exhibit conditions. An understanding of the museum environment is achieved through an examination of the following (light - temperature and relative humidity - atmospheric pollutants - pests/infestations- human factors, e.g., ignorance/negligence/theft- natural factors, e.g., fire, flood,- inherent vice of objects (the natural tendency of objects to deteriorate).And an understanding of basic materials science is very important as it concerns the characteristics of an object and how it is likely to deteriorate. It also explains how an object is likely to interact with the elements of the museum environment as listed above. This is of particular importance, as, for example, wood will behave like wood, irrespective of whether it is curated in a history collection, an art collection, or anthropology collections. Objects as diverse as a wooden table, a sculpture carved from wood, and a carved wooden house post all share similar characteristics. The same is true of metals, leather, ceramic, etc. Material types commonly found in museum collections include ( organic plant materials, e.g., cotton, wood, linen- organic animal materials, e.g. silk, parchment, wool- inorganic materials, e.g. glass, metals, stone - composite objects, that are made from a variety of organic and inorganic materials.



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**Question (2): Write about the following (choose any 4)**

Ten Marks

- 1- Actinomycetes
- 2- Termites
- 3- Nano materials.
- 4- Damage assessment
- 5- Infrared Spectroscopy
- 6- Conservation
- 7- Fumigation

**Best Wishes,  
Dr.Hamada Sadek**