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Degree/ Master

Specialization/ Manuscripts

Supervisor(s):- Prof. Dr/ Hossam Eldin Abdel Hamid, Prof. Dr.Moustafa Attia Mohyie, Dr/Abd-Ellateef Afandy.

Title of thesis/ (Study of methods used in verifying the authenticity of paper manuscripts and Documents according to its forgery methods applied on a selected object)

Summary :- The study consists of four units that summarized as follows:-

First Unit: has included five chapters: Chapter one: talking about the paper industry, its chemical composition, and methods of measuring physical properties of paper. Chapter two, talking about writing ink, the colored inks, and writing pens. Chapter three, talking about the material features of the manuscripts,also talking about the material features of the documents.Chapter Four, talking about the drawing, decoration and gilding manuscripts. Chapter five, talking about the emergence of Arabic calligraphy,development,reforms that have taken place to it ,then referring to the beginning of the printing.

Second Unit: Study of methods of forgery of paper manuscripts and paper documents and the reasons for it. This unit has included three chapters: Chapter one, talking about the difference between forgery and falsification, forgery types, its reasons and who are responsible for forgery and falsification. Chapter two: explaining the methods used in forgery in paper manuscripts and paper documents, (such as addition forgery and erasure forgery), forging seals and watermarks. Chapter three: talking about natural aging for paper manuscripts and paper documents also talking about the Accelerated aging whether for scientific aims or forgery aims.

Third Unit: Study the different scientific methods to detect forgery of paper manuscripts and paper documents. This unit has included three chapters: Chapter One: talking about preliminary methods and logical examinations to detect forgery, such as internal, external criticism of the manuscript and comparison between copies of manuscripts, then discussing the logical, and visual check to forgery detect. Chapter Two: scientific methods to examine paper, writing materials, handwriting, and signatures, as microscopic inspection, radiography, using UV light, using IR light ...etc. Chapter three: talking about the scientific methods for detecting the different forgery methods.

Fourth Unit: Experimental, applied study, This unit has included three chapters: Chapter one: experimental study: It is represented in three experiments conducted by the researcher, Chapter two: Applied study: Study to detect forgery of Islamic manuscript. Chapter three: treatment and restoration operations: Where doing essential needs to the study manuscripts of treatment and restoration processes.

التوقيع:

المشرف على الرسالة:-
أ.د/ حسام الدين عبد الحميد محمود.