

CA9193 HEALTH CARE INFORMATION SYSTEMS

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UNIT I INTRODUCTION

Introduction to health care information – Health care data quality – Health care information regulations, laws and standards.

UNIT II HEALTH CARE INFORMATION SYSTEMS 9

History and evolution of health care information systems – Current and emerging use of clinical information systems – system acquisition – System implementation and support.

UNIT III INFORMATION TECHNOLOGY 9

Information architecture and technologies that support health care information systems – Health care information system standards – Security of health care information systems.

UNIT IV MANAGEMENT OF IT CHALLENGES 9

Organizing information technology services – IT alignment and strategic planning – IT governance and management.

UNIT V IT INITIATIVES 9

Management's role in major IT initiatives – Assessing and achieving value in health care information systems.

TEXT BOOK

1. Karen A Wager, Frances Wickham Lee, John P Glaser, “ Managing Health Care Information Systems: A Practical Approach for Health Care Executives”, Jossey-Bass/Wiley, 2005.

REFERENCE

1. Rudi Van De Velde and Patrice Degoulet, “Clinical Information Sytems: A Componenet based approach”, Springer 2005.