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UNIVERSITY EXAMINATIONS 2024/2025

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF SCIENCE IN HEALTH SYSTEM MANAGEMENT

NNH 3405 – HEALTHCARE BILLING, CODING AND REIMBURSEMENT

DATE: JANUARY 2025

TIME: 2 HOURS

INSTRUCTIONS: Answer Question **ONE** and any other **TWO** questions

QUESTION ONE

- a) Define the following terms (4marks)
- Medical billing
 - Medical coding
 - Reimbursement
 - Data flow
- b) Distinguish between logical data flow diagrams and physical data flow diagrams (2 marks)
- c) State SIX types of patients booking/appointment (6marks)
- d) State 5 Factors to consider when choosing a billing system in healthcare (5marks)
- e) State 3 factors to consider while prioritizing patients' appointments (3marks)
- f) State three ways of retrieving patient data (3 marks)
- g) Explain the steps involved in developing and completing an insurance claim form (6 marks)

QUESTION TWO (20MARKS)

Medical billing and coding are crucial for all healthcare systems

- a) Explain the significance of Medical Coding in Healthcare Systems (10 marks)



- b) Describe the differences between front-end and back-end medical billing process (10marks)

QUESTION THREE (20MARKS)

- a) Describe the three Standardized Coding Systems (8 marks)
- b) Explain the contribution of each Standardized Coding System described above to the healthcare systems (12 marks)

QUESTION FOUR(20MARKS)

Describe the reimbursement process, including 4 different payment methodologies (20marks)

