Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code: U8B69

B.E. / B.Tech. DEGREE EXAMINATION, APRIL 2024

One Credit

Biomedical Engineering

21UBM869 MEDICAL CODING

(Regulations 2021)

Duration: Two hours   Maximum: 50 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

1. Which term describes the surgical repair of the tube extending from the kidney to the bladder?   CO1-U

   (a) Pyeloplasty   (b) Urethroplasty

   (c) Meatoplasty   (d) Ureteroplasty

2. Right of individuals to control access to their personal health information is   CO1-U

   (a) Privacy   (b) Confidentiality
   (c) Security   (d) None of these

3. As per the guidelines of ICD 10, when Acute and Chronic Conditions are noted: CO1-U

   (a) Code only the Chronic Condition

   (b) Code only the Acute Condition

   (c) Code both and sequence the acute (sub-acute) code first

   (d) Code both and sequence the Chronic Condition code first

4. Which of the following are included in the Mental and Behavioral Disorders section of ICD-10CM?   CO1-U

   (a) Catatonic stupor   (b) Organic brain syndrome
   (c) Toxic effect of alcohol   (d) Mild cognitive impairment

5. Diagnosis coding under ICD 10-CM uses how many digits?   CO1-U

   (a) 4-8   (b) 3-6   (c) 2-6   (d) 3-7

6. When you see the symbol # in front of a CPT code, what does it mean? CO1-U

   (a) That the code is listed out of numerical order.

   (b) That the code is listed in numerical order.

   (c) That the code used to be listed with a different number.

   (d) That the code description has changed.

7. Which of the following is a software tool that coders may use to find the appropriate diagnosis or procedure code? CO1-U

   (a) CodePlus   (b) Encoder

   (c) CodeFinder   (d) Clincoder

8. Medicare pays Skilled Nursing Facilities with a prospective payment system. Reimbursement is based on: CO1-U

   (a) Reasonable costs   (b) Per Diem

   (c) Based on DRGs   (d) Episode of care

9. Which type of audit may be conducted within a practice setting to expose billing problems? CO1-U

   (a) External   (b) Internal

   (c) OIG   (d) FBI

10. Combination codes are single code used to classify two diagnoses, or a diagnosis with an associated secondary process or associated _____. CO1-U

    (a) Definitive diagnosis   (b) Default code

    (c) Complications   (d) Residual diagnosis

PART B - (10 x 2 = 20 Marks)

11. List the types of medical coding. CO1-U

12. What is ICD-10-CM, and what is its purpose? CO1-U

13. What is the purpose of modifier codes in medical coding? CO1-U

14. State the limitations of CPT Codes. CO1-U

15. What is a medical necessity in the context of medical coding? CO1-U

16. Differentiate ICD and CPT coding. CO1-U

17. How do you ensure accuracy in medical coding? CO1-U

18. What are the methods for organizing bill payments? CO1-U

19. How do you handle a situation where you find conflicting or ambiguous information in a patient's medical record while coding? CO1-U

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20. What is the role of a medical coder in the revenue cycle of a healthcare facility?   CO1-U

<div align="center">PART – C (4 x 5 = 20 Marks)</div>

21. (a) Write the abbreviations of the following: CO1-U   (5)
        (i) CPT(ii) BSE(iii) LBP(iv) MD(v) PD
        (vi) DVT (vii) IUD(viii) SNF(ix) FH(x) OA
<div align="center">Or</div>
    (b) Write the abbreviations of the following: CO1-U   (5)
        (i) IHD (ii) ABN(iii) AFIB(iv) EF(v) IV
        (vi) CBC   (vii) EXP(viii) PAS(ix) HRT   (x) HEP

22. (a) Write meaning of the following Prefix: CO1-U   (5)
        (i) anti-   (ii) cardi-   (iii) contra- (iv) gastr-   (v) hyper-
        (vi) super-   (vii) cox-   (viii) uter- (ix) sarc-   (x) cata-
<div align="center">Or</div>
    (b) Write meaning of the following Suffix: CO1-U   (5)
        (i) –ation(ii) –crine(iii) –ema(iv) –penia(v) –cele
        (vi) –lexia(vii) –coma(viii) –noia(ix) –dynia(x) –plasm

23. (a) Define medical coding. Explain its significance in the healthcare   CO1-U   (5)
        industry.
<div align="center">Or</div>
    (b) Brief the basic steps in ICD-10-CM Coding.   CO1-U   (5)

24. (a) Briefly explain the role of medical coding in Managed Care   CO1-U   (5)
        Organization (MCO).
<div align="center">Or</div>

    (b) Brief about the Medical Billing and Coding for Workers'   CO1-U   (5)
        Compensation Insurance.