

[LD 0212]

AUGUST 2013

Sub. Code: 1311

DIPLOMA IN MEDICAL RECORD SCIENCE

SECOND YEAR

PAPER II – INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-10)

& SURGICAL PROCEDURES (ICM-9CM)

Q.P. Code : 841311

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I Write appropriate codes using ICD -10

(30 x 1 = 30)

1. Therapeutic introduction of hand tendon.
2. Excision of major partial thickness of eyelid excision.
3. Interphalangeal arthrodesis of Toe.
4. Division of percutaneous spinal cord nerve tracts.
5. Transfusion of allograft bone aetriosus.
6. Rastelli operation of truncus arteriosus.
7. Pyoloric sphincter dilatation.
8. Stapling of radius epiphyseal plate.
9. Suture of hands fascia.
10. Suture of hand fascia.
11. Repair of anterior wall (abdomen) hernia.
12. Foreign body removal without incision in t o the brain.
13. Repair of Tetrology of fallot.
14. Frontal Sinusectomy.
15. Urethral sling suspension.
16. Bone shaft transfer.
17. Coil of aneuryum repair.
18. Sling suspension.
19. Radio isotope scanning, pituitary gland.
20. Spinal shunt removal.
21. Acute lung edema. Due to external agent.
22. Proximal end tibial closed fracture was riding a two wheeler-slip & fell down.
23. Thrombosed internal hemorrhoids.
24. Secondary hypertension due to renal disorder.
25. Old myocardial infarction.
26. Fall from high place, injured elbow.
27. Chronic venous (peripheral) insufficiency.
28. Acute myeloid leukemia.
29. Post-operative intestine obstruction.
30. Abnormal pregnancy.

II Writes appropriate codes using ICS-9CM

(20 x 2 = 40)

1. Pregnant women suffering from acute salphingo oophoritis.
2. Accidental intake of ferrous salt.
3. Sprain of lumbar spine as stuck by another person.
4. Dumb due to congenital ankyloglossia.
5. Dislocation of tarsal bone due to fight at home.
6. CVA following electric shock.
7. Antisocial type of personality disorder with anxiety neurosis.
8. Lower limb fracture 4 years ago, now admitted for follow up examination.
9. Chronic low back strains, sacroilites.
10. Pregnancy not delivered, complicated by Pyelitis and cystitis.
11. BPH, Bleeding duodenal ulcer.
12. Lack of food, due to psychogenic aphasia.
13. CSOM, sun stroke.
14. Cholesteatoma with cholelithiasis.
15. Pyeloplasty.
16. Removal of foreign body from hand muscle.
17. Incisional hernia repair.
18. Resection of small intestine.
19. Oesophagus Roux-en-y operation.
20. Secondary abdominal wall suture.

III Short answers on

(10 x 3 = 30)

1. What do you mean by “ Dagger” and “Asterisk”
2. What do you mean by status (post) Nephrectomy?
3. In what chapter of ICD-10, the alphabet ‘Z’ is used.
4. Write the number for closed fracture and open fracture.
5. Write the expansion of IND.
6. Which alphabet is not used in ICD 10?
7. The alphabet ‘D’ is related to how many chapters and what are they.
8. What alphabet deals only with females.
9. Write any four of the coding guidelines.
10. Expand NEC, NOS.

DIPLOMA IN MEDICAL RECORD SCIENCE

SECOND YEAR

PAPER II – INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-10)

& SURGICAL PROCEDURES (ICM-9CM)

Q.P. Code : 841311

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 10 = 20)

1. Name the 21 chapters in ICD-10 Tabular list.
2. Describe principles and rules in coding.
3. Write appropriate codes using ICD-10

(1 x 10 = 10)

- 1) Intra-Abdominal Fibroloipoma.
- 2) Infarction of spleen.
- 3) Nonunion of proximal right humerus.
- 4) Nelsons's syndrome.
- 5) Secondary hypertension due to renal disorder.
- 6) Acute myloid leukemia.
- 7) Abnormal Pregnancy.
- 8) Diabetic Insipidus.
- 9) Bilateral congenital hip dislocation.
- 10) Type II diabetic mellitus.

II. Write notes on:

(2 x 5 = 10)

1. Explain alphabetical index consist of three sections.
2. Explain elements of coding quality.
3. Write appropriate ICD-9 CM

(1 x 40 = 40)

1. Incision of cerebral meninges.
2. Ventriculostomy.
3. Repair of spinal meningocele.
4. Biopsy of Eyelid.
5. Repair of retinal tear.
6. Excision of lesion of middle ear.
7. Resection of Nose.
8. Pharyngotomy.
9. Lobectomy of Lung.
10. Percutaneous Valvuloplasty.
11. Heart Transplantation.
12. Clipping of Aneurysm.

13. Excision of Axillary Lymphnode.
14. Repair of Pleura.
15. Excision of an Acoustic Neuroma.
16. Reopening of wound of Thyroid Field.
17. Unilateral Adrenalectomy.
18. Biopsy of Conjunctiva.
19. Excision of Prolapsed Iris.
20. Suture of Laceration of Pharynx.
21. Repair of Aneurysm of coronary vessel.
22. Puncture of vessel.
23. Mediastinoscopy.
24. Freeing of vessel.
25. Splenotomy.
26. Aorta Renal Bypass.
27. Stapedectomy.
28. Excision of Esophagus.
29. Trans abdominal Gastroscopy.
30. Incision of Large Intestine.
31. Ileostomy.
32. Rectorectostomy.
33. Pyloroplasty.
34. Anal Fistulotomy.
35. Total removal of small Intestine.
36. Appendectomy.
37. Gastrotomy.
38. Localized perfusion of liver.
39. Total Cholecystectomy.
40. Suture of Laceration of Anus.

III. Short Answers on:

(10 x 2 = 20)

1. Define underlying cause of Death.
2. Special sign used in coding.
3. List of external causes of Injury.
4. Current procedure Terminology.
5. Mention ICD-10 began and completed year.
6. Give meaning of Sequelae.
7. 'Z' is used for what coding.
8. Write any three of the coding guidelines.
9. Explain IND.
10. Define Perinatal period.

[LF 0212]

AUGUST 2014

Sub. Code: 1311

DIPLOMA IN MEDICAL RECORD SCIENCE

SECOND YEAR

**PAPER II – INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-10)
& SURGICAL PROCEDURES (ICM-9CM)**

Q.P. Code : 841311

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Write appropriate codes using ICD - 10:

(30 x 1 = 30)

1. Type II diabetes mellitus with nephropathy (E11.2).
2. Iron deficiency anemia.
3. Pregnancy induced hypertension.
4. HIV with pneumocystis carinii pneumonia.
5. Benign neoplasm of seventh cranial nerve.
6. Non union fracture of femur.
7. IgA glomerulonephritis with minimal change.
8. Intervertebral disk prolapse L5S1 with radiculopathy.
9. Chronic suppurative otitis media with tubotympanic disease.
10. Subarachnoid hemorrhage due to trauma.
11. Postpartum urinary tract infection.
12. 4 year old boy swallowed a peanut while eating which entered into bronchus.
13. Indirect bilateral strangulated inguinal hernia.
14. Congenital herpes simplex.
15. Mitral stenosis with aortic stenosis.
16. Posterior urethral valve.
17. Accidental ingestion of dopamine.
18. Kidney donor.
19. Late effect of poliomyelitis.
20. Paralytic Ileus.
21. Bilateral sensory neural hearing loss.
22. Acute duodenal ulcer with hemorrhage and perforation.
23. Paroxysmal Supraventricular tachycardia.
24. Tropical pulmonary Eosinophilia.
25. Prolapse of vaginal wall after hysterectomy.
26. End stage renal disease.
27. Pulmonary tuberculosis confirmed by sputum test.
28. Chronic obstructive lung disease with acute exacerbation.
29. Plasmodium falciparum malaria.
30. Benign hyperplasia of prostate gland.

II. Writes appropriate codes using ICS-9CM:

(20 x 2 = 40)

1. Release of burn tissue of neck.
2. Revision of total knee replacement.
3. Incision and drainage of perianal abscess.
4. Episiotomy for forceps delivery.
5. Stripping of varicose vein of lower limb.
6. Open reduction with internal fixation for fracture of femur.
7. Kidney transplantation.
8. Transurethral resection of prostate (TURP).
9. Repair of urethrovesicovaginal fistula.
10. Dental wiring (for immobilization).
11. Z-plasty of eyelid.
12. Excision tumor of brain.
13. Dilatation and curettage for termination of pregnancy.
14. Repair tendon with suture hand.
15. Removal internal fixation from radius.
16. Laparoscopic Nissen fundoplication of stomach.
17. Excision of pilonidal sinus.
18. Sinusectomy, maxillary with Caldwell-luc approach.
19. Correction of cleft palate.
20. Permanent colostomy.

III. Short Answers on:

(10 x 3 = 30)

1. Explain the three volumes of ICD-10.
2. Explain the dual coding system in ICD-10.
3. Write down any three differences between ICD-10 and ICD-9.
4. How parentheses are used in volume1 of ICD-10?
5. What does the alphabets O, P and Q stand for?
6. Give the meaning for morphology, etiology and topography of neoplasm.
7. Write the definition of maternal death.
8. Write the purposes of CPT.
9. Write any three guidelines to code from CPT.
10. Explain the composition of HCPCS.

[LH 0815]

AUGUST 2015

Sub. Code: 1311

DIPLOMA IN MEDICAL RECORD SCIENCE

SECOND YEAR

PAPER I – INTERNATIONAL CLASSIFICATION OF DISEASES (ICD – 10)

AND SURGICAL PROCEDURES (ICD – 9CM)

Q.P. Code: 841311

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Write appropriate codes using ICD-10:

(30 x 1 = 30)

1. Congestive cardiac failure.
2. Patent ductus arteriosus.
3. Colloid cyst of the third ventricle of brain.
4. Type I diabetes mellitus with ketoacidosis.
5. Mitral stenosis with mitral regurgitation.
6. Acute glomerulonephritis with focal and segmental glomerular lesions.
7. Schwannoma of facial nerve.
8. A piece of chicken bone struck in the throat while eating at home.
9. Hemorrhagic duodenal ulcer.
10. Post partum fever of unknown origin.
11. Left sided sliding, strangulated hernia.
12. Adverse effect in use of antidiuretic hormone therapeutically.
13. Intervertebral disk prolapse of cervicothoracic with neuritis.
14. Closed fracture of neck of femur.
15. Old myocardial infarction.
16. Malignant melanoma of pinna.
17. Sepsis of newborn due to streptococcus, Group B.
18. Admitted for removal of copper T.
19. Systemic lupus erythematosus.
20. Subdural hemorrhage due to hypertension.
21. Upper femoral non traumatic slipping of epiphysis.
22. HIV with kaposi's sarcoma.
23. Scrub typhus fever.
24. Chronic hypertension complicating pregnancy.
25. Traction detachment of retina.
26. Cholesteatoma of external ear.
27. Irritant contact dermatitis due to cement.
28. Female infertility of tubal block.
29. Paranoid personality disorder.
30. Extrapyrmidal syndrome.

II. Code on ICD-9CM:

(20 x 2 = 40)

1. Open reduction with internal fixation for fracture of humerus.
2. Removal of embolus from lower limb.
3. Partial excision of pituitary gland by transfrontal approach.
4. Radical resection of hallux valgus joint arthrodesis.
5. Balloon angioplasty for multiple coronary arteries.
6. Arrest of hemorrhage post tonsillectomy.
7. Removal of transplanted kidney.
8. Revision of stapedectomy with incus replacement.
9. Whipple operation with Child modification.
10. Repair intussusception of large intestine.
11. Suprapubic sling operation.
12. Fetal blood sampling and biopsy.
13. Destruction of lesion of cervix by cryoscopy.
14. Left sided radical mastectomy.
15. Release of volkmann's contracture by muscle transplantation.
16. Secondary amputation stump closure.
17. Laparoscopic excision right side ovary.
18. Washing- out of peritoneal cavity.
19. V-Y repair of bladder neck.
20. Manipulation of temporomandibular joint adhesions.

III. Short Answers on:

(10 x 3 = 30)

1. How many sections are there in the volume 3 of ICD-10 and how they are arranged?
2. Explain "NOS" and "NEC" in ICD-10.
3. Explain the conventions used in the tabular list of ICD-10.
4. Write a short note on international classification of procedures in medicine (ICPM).
5. Give the definition of pregnancy related death.
6. Explain the term sequelae which used for morbidity and mortality coding in ICD-10.
7. The alphabets C, D and E, in ICD-10 stands for.
8. Write down any three general rules for CPT coding.
9. Write down any three uses of CPT.
10. Explain the three levels of HCPCS.

DIPLOMA IN MEDICAL RECORD SCIENCE

SECOND YEAR

**PAPER I – INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-10)
& SURGICAL PROCEDURE (ICD-9CM)**

Q.P. Code: 841311

Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

I. Elaborate on:

(3 x 10 = 30)

1. (a) What is the abbreviation for ICD-O?
 - (b) What is the code number for unknown primary site?
 - (c) Write two important situations the parenthesis is used in volume 1.
 - (d) What is maternal death?
 - (e) Write two conventions used in the Tabular list.
2. State whether the following statements are true or false:
 - (a) Subdivision code '0' (zero) is used to indicate closed fracture.
 - (b) Chapter IX deals with disease of the ear and mastoid process.
 - (c) In dual coding system, the symbols "dagger and asterisk" are used.
 - (d) Benign neoplasm code numbers are between (C00-C97).
 - (e) Alphabet 'O' is used for pregnancy, child birth and the puerperium.
3. Fill in the blanks with suitable answers:
 - (1) Neonatal period ends _____ completed days after birth.
 - (2) Post term is _____ completed weeks or more.
 - (3) _____ is the primary code for the underlying disease in the Dual coding system.
 - (4) _____ is the abbreviation of NEC.
 - (5) Chapter XI refers the diseases of the _____ system.

II. Give the ICD 10 codes for the following:

(10 x 5 = 50)

1. (a) Transitional cell carcinoma of bladder (write Morphology code also).
 - (b) Congenital Stenosis of Urethra.
2. 25% with 2nd degree deep multiple site burn, exposure to accidental fire.
3. (a) Postpartum Endometritis.
 - (b) Adenotonsil Hypertrophy.

DIPLOMA IN MEDICAL RECORD SCIENCE

SECOND YEAR

**PAPER I – INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-10)
& SURGICAL PROCEDURE (ICD-9CM)**

Q.P. Code: 841311

4. (a) Medical Abortion Sepsis.
(b) Infective Endocarditis.
5. (a) Accessory breast
(b) Achalasia Pylorus.
6. (a) Sensorineural Bilateral hearing loss.
(b) Dental caries.
7. (a) Acromioclavicular joint dislocation.
(b) Status Nephrectomy.
8. (a) Acute Lymphoblastic Leukemia.
(b) Systemic Lupus Erythematosus.
9. (a) Non toxic multinodular Goitre.
(b) Sequelae Fracture of femur.
10. (a) Scrub typhus.
(b) Motor neuron disease.

III. Give the ICD 9CM procedure codes for the following:

(10 x 2 = 20)

1. Partial Hypophysectomy trans-sphenoidal approach.
2. Wertheim operation.
3. Radical Mastoidectomy.
4. Take down Ileostomy.
5. Tap thorax.
6. Tenosynovectomy hand.
7. Epidural injection.
8. Excision Lesion skull.
9. Osteotomy femur wedge.
10. Axillary brachial vascular bypass graft.

DIPLOMA IN MEDICAL RECORD SCIENCE**SECOND YEAR****PAPER I – INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-10) &
SURGICAL PROCEDURES (ICD-9CM)***Q.P. Code: 841311***Time : Three Hours****Maximum : 100 Marks****Answer All questions.****I. Elaborate on:****(3 x 10 = 30)**

1. a) How many sections are there in Volume 3?
b) What is late maternal death?
c) Which chapter interprets injuries, poisoning and certain other consequences of external causes?
d) What is the abbreviation for NOS?
e) What is the code number for multiple primary sites malignant (or) synchronous cancer?
2. State whether the following statements are true or false:
a) In dual coding system, the asterisk code must never be used alone.
b) The fourth digit 9 is mostly used to convey unspecified site.
c) The code number for sequelae of leprosy is B92.
d) The code number between (105 – 109) is Hypertensive disease.
e) Chapter XVII refers symptoms, signs and abnormal clinical and laboratory findings.
3. Fill in the blanks with suitable answers:
(1) Chapter _____ refers external causes of Morbidity and Mortality.
(2) _____ degree of burn indicates the deep necrosis of underlying Tissue.
(3) _____ is the code number for the burns involving less than 10% of body surface.
(4) Sites marked with the sign # should be classified to malignant neoplasm of _____.
(5) The behaviour code /o denotes _____ neoplasm.

II. Give the ICD 10 codes for the following:**(10 x 5 = 50)**

1. a) Septic arthritis knee.
b) Functional diarrhea.
2. a) Papillary thyroid carcinoma (write with morphology code).
b) Cerebrovascular accident.

3. a) Pathological fracture of tibia.
b) Odontogenic cyst.
4. a) Toxic epidermal necrolysis.
b) Discoid Lupus Erythematosus.
5. a) Obstructed incisional hernia.
b) Acute lower respiratory infection.
6. Organophosphates poisoning deliberate self harm.
7. a) Graves disease.
b) Charcot's arthropathy.
8. a) Post-menopause bleeding.
b) Vomiting following gastrointestinal surgery.
9. a) Missed abortion.
b) Occipital encephalocele.
10. a) Drug Reaction.
b) Congestive cardiac failure.

III. Give the ICD 9CM procedure codes for the following:

(10 x 2 = 20)

1. Burr holes.
2. Open Reduction Femur with internal fixation.
3. Epispadias repair.
4. Closure anorectal fistula.
5. Colostomy.
6. Transplant kidney NEC.
7. Vasectomy.
8. Ultrasonography abdomen.
9. Surgical occlusion of Vene Cava.
10. Sistrunk operation.

**DIPLOMA IN MEDICAL RECORD SCIENCE
SECOND YEAR
PAPER I – INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-10) &
SURGICAL PROCEDURE (ICD-9CM)**

Q.P. Code: 841311

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. a) How many volumes are there in ICD 10?
b) Write two differences between ICD 9 and ICD 10.
c) If a fracture is not indicated as closed or open, how it should be classified.
d) What do you mean by birth weight?
e) What does the last digit Morphology behaviour code /3 indicates?
2. State whether the following statements are true or false:
a) Chapter V deals Mental and Behavioural disorders.
b) Alphanumeric codes for tuberculosis is between (A30 – A49).
c) To indicate the site of musculoskeletal involvement number '0' (zero) is used to indicate multiple sites.
d) Chapter II contains disease of the genitourinary system.
e) (Q00 – Q99) code numbers indicate congenital malformations, deformations and chromosomal abnormalities.
3. Fill in the blanks with suitable answers
(1) Perinatal period commences at _____ completed weeks.
(2) The first four digits of Morphology codes identify the _____ type of the neoplasm.
(3) Extremely low birth weight is less than _____ Kg.
(4) The site marked with the sign <> should be considered as metastatic from an unspecified primary site and coded _____.
(5) _____ is the sub-division code used to indicate 'Open fracture'.

II. Give the ICD 10 codes for the following:

(10 x 5 = 50)

1. a) Non transmural myocardial infarction.
b) Syncope attack.
2. a) Puerperal infarction of brain.
b) Abruptio placenta with coagulation defect.
3. Intertrochanteric closed fracture of femur, fall from bed at home.
4. a) Ulcerative Balanoposthitis.
b) Intestinal obstruction with adhesions.

5. a) Bed sore.
b) Pulmonary artery embolism.
6. a) De Quervain's thyroiditis.
b) Decay tooth.
7. a) Harmful use of alcohol.
b) Myoclonic jerk.
8. a) Post surgical Lordosis.
b) Bipolar affective disorder.
9. a) Acute Alcoholic Liver failure.
b) Retinal artery occlusions.
10. a) Renal cell carcinoma (code with Morphology).
b) Bilateral knee primary osteoarthritis.

III. Give the ICD 9CM procedure codes for the following:

(10 x 2 = 20)

1. Complete Hypophysectomy trans-sphenoidal approach.
2. Modified radical Mastoidectomy.
3. Take-down ventricular Anastomosis.
4. Tap abdomen.
5. Tenolysis Hand.
6. Behaviour therapy.
7. Sequestrectomy tibia.
8. Laparoscopically assisted vaginal hysterectomy.
9. Shortening ulna bone.
10. Three coronary vessels bypass graft.

**DIPLOMA IN MEDICAL RECORD SCIENCE
SECOND YEAR**

**PAPER I – INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-10) &
SURGICAL PROCEDURE (ICD-9CM)**

Q.P. Code: 841311

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Explain basic coding guidelines for ICD – 10
2. Name the 21 chapters in ICD – 10 Tabular list.
3. Write appropriate codes using ICD – 10
 - a) Dysmenorrhea.
 - b) Ca Breast.
 - c) End state renal disease.
 - d) Fetal distress.
 - e) Typhoid fever.
 - f) Avascular necrosis.
 - g) Mother accompanying for sick baby.
 - h) Gastric ulcer.
 - i) Chronic suppurative otitis media.
 - j) Inguinal hernia.

II. Give the ICD 10 codes for the following:

(10 x 5 = 50)

1. Content of three volumes in ICD – 10.
2. Define live birth and fetal death.
3. Explain the main sections of ICD – 10 index.
4. What are the abbreviations and special signs used in ICD – 10 index?
5. Difference between ICD – 10 & ICD – 9.
6. Write appropriate codes using ICD – 9.
 - a) CABG
 - b) Repair TOF
7. Write appropriate codes using ICD – 9.
 - a) Release Burn Scar
 - b) 'K' wire fixation
8. Write appropriate codes using ICD – 9.
 - a) TAH with BSO
 - b) LSCS

9. Write appropriate codes using ICD – 9.
a) ORIF femur b) CRIF wrist
10. Write appropriate codes using ICD – 9.
a) TURP b) PCNL

III. Give the ICD 9CM procedure codes for the following:

(10 x 2 = 20)

1. Simple mastectomy.
2. Repair umbilical hernia with mesh.
3. Functional endoscopic sinus surgery.
4. Excision lesion of chest wall.
5. Removal of prosthetic device from bile duct.
6. Repair of cystocele and rectocele.
7. Radical laryngectomy.
8. Evisceration of eyeball.
9. Evacuation of subdural hematoma.
10. Partial adrenalectomy.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LR 1220]

DECEMBER 2020

Sub. Code: 1311

(AUGUST 2020 EXAM SESSION)

DIPLOMA IN MEDICAL RECORD SCIENCE

SECOND YEAR – (Regulations from 2015-2016 & 2018-2019)

**PAPER I – INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-10) &
SURGICAL PROCEDURES (ICD-9CM)**

Q.P. Code: 841311

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Explain in detail Conventions used in ICD – 10 Alphabetic Index.
2. Explain basic Coding guidelines for ICD – 10.
3. Describe the Major specialty based Adaptations of ICD – 10.

II. Give the ICD 10 codes for the following:

(10 x 5 = 50)

1. Write appropriate codes using ICD – 10.
 - a) Retinoblastoma.
 - b) Benign Prostatic Hyperplasia.
 - c) Type II DM.
 - d) Old Myocardial Infraction.
 - e) TB Lymphadenitis.
2. Write appropriate codes using ICD – 10.
 - a) Dysfunctional Uterine Bleeding.
 - b) Left Bundle Branch Block.
 - c) Low Birth Weight.
 - d) Chronic Suppurative Otitis Media.
 - e) Acute Renal Failure.
3. Write appropriate codes using ICD – 10
 - a) Ca Breast with Morphology code.
 - b) Eczema.
 - c) Vitiligo.
 - d) Transitional Cell Carcinoma of the Bladder.
 - e) Alcholic Polyneuropathy.
4. Write appropriate codes using ICD – 10.
 - a) Supraventricular Tachycardia.
 - b) Tricuspid Regurgitation.
 - c) Non Hodgkin's Lymphoma.
 - d) Post Brun Contraction.
 - e) Toxic Epidermal Necrolysis.
5. Write appropriate codes using ICD – 10.
 - a) Contact Dermatitis.
 - b) Swallowing Dysfunction.
 - c) Attico Antral Disease.
 - d) Infected Pacemaker.
 - e) Pelvic Urethral Junction Obstruction.

6. Write appropriate codes using ICD – 9.
 - a) Total Hip Replacement.
 - b) TOF Repair.
 - c) TAH with BSO.
 - d) Wound Debridement Skin.
 - e) Partial Lobectomy Lung.
7. Write appropriate codes using ICD – 9.
 - a) Radical Distal Pancreatectomy.
 - b) Repair Hypospadias.
 - c) Total Thyroidectomy.
 - d) Hydrocelectomy.
 - e) Transmetatarsal Amputation.
8. Write appropriate codes using ICD – 9.
 - a) Ladd's Procedure.
 - b) Peritoneal Toileting.
 - c) Correction of Ptosis Eyelid.
 - d) Permanent Pacemaker Implantation.
 - e) Myringotomy.
9. Write appropriate codes using ICD – 9.
 - a) Tympanoplasty.
 - b) Amputation Elbow.
 - c) Renal Transplantation.
 - d) Fibula Osteoplasty.
 - e) Surgical Extraction of Tooth.
10. Write appropriate codes using ICD – 9.
 - a) Episiotomy with Forceps Delivery.
 - b) Permanent Colostomy.
 - c) Wertheim's Operation.
 - d) Secondary Repair of Episiotomy.
 - e) Pyloroplasty.

III. Give the ICD 9CM procedure codes for the following:

(10 x 2 = 20)

1. Left Lateral Anal Sphincterotomy.
2. Surgical Fixation of a Testis in the Scrotum.
3. Laparoscopic Appendectomy.
4. Emergency LSCS.
5. Repair of Ventricular Septal Defect.
6. Ligation and Stripping of Varicose Vein.
7. Wedge Liver Biopsy.
8. Radical Prostatectomy.
9. Removal of Foreign Body from Lens.
10. Total Thyroidectomy.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0122]

JANUARY 2022

Sub. Code: 1311

(FEBRUARY 2021 & AUGUST 2021 EXAM SESSION)

**DIPLOMA IN MEDICAL RECORD SCIENCE
SECOND YEAR – (Regulations from 2015-2016 & 2018-2019)
PAPER I – INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-10) &
SURGICAL PROCEDURES (ICD-9CM)**

Q.P. Code: 841311

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1.
 - a) What is the Abbreviation for ICD-10?
 - b) What is the Code Number for Unknown Primary Site?
 - c) What is two important situations of parentheses is used in volume I.
 - d) What is Maternal Death.
 - e) Write two Conventions used in the tabular list.

2. Fill in the blanks with suitable answers.
 - a) Neonatal period ends _____ completed days after birth.
 - b) Post term is _____ completed weeks or more.
 - c) _____ is the Primary code for underlying disease in the dual coding system.
 - d) _____ is the abbreviation of NEC.
 - e) Chapter XI refers the diseases of the _____ system.

3.
 - a) How many sections are there in Volume III?
 - b) What is Late Maternal Death.
 - c) Which chapter interprets injuries, poisoning and certain other consequences of External causes?
 - d) What is the Code number for Multiple Primary Sites Malignant or Synchronous Cancer.

II. Give the ICD 10 codes for the following:

(10 x 5 = 50)

1.
 - a) Postpartum Endometritis.
 - b) Adenotonsillar Hypertrophy.

2.
 - a) Transitional Cell Carcinoma of Bladder. (Write Morphology code also).
 - b) Congenital Stenosis of Urethra.

3.
 - a) Scrub Typhus.
 - b) Motor Neuron Disease.

4.
 - a) Acute Lymphoblastic Leukemia.
 - b) Systemic Lupus Erythematosus.

5.
 - a) Sensorineural Bilateral Hearing Loss.
 - b) Dental Caries.

6. a) Septic Arthritis Knee.
b) Functional Diarrhea.
7. a) Drug Reaction.
b) Congestive Cardiac Failure.
8. a) Post-Menopause Bleeding.
b) Vomiting following Gastrointestinal surgery.
9. a) Obstructed Incisional Hernia.
b) Acute Lower Respiratory Infection.
10. a) Toxic Epidermal Necrolysis.
b) Discoid Lupus Erythematosus.

III. Give the ICD 9CM procedure codes for the following:

(10 x 2 = 20)

1. Permanent Colostomy.
2. Correction of Cleft Palate.
3. Z- Plasty of Eyelid.
4. Kidney Transplantation.
5. Episiotomy for Forceps Delivery.
6. Revision of Total Knee Replacement.
7. Release of Burn tissue of Neck.
8. Removal of Internal Fixation from Radius.
9. Incision and Drainage of Perisnal Abscess.
10. Repairs of Urethra Vesico Vaginal Fistula.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0922]

SEPTEMBER 2022

Sub. Code: 1311

(FEBRUARY 2022 & AUGUST 2022 EXAM SESSIONS)

**DIPLOMA IN MEDICAL RECORD SCIENCE
SECOND YEAR – (Regulations from 2015-2016 & 2018-2019)
PAPER I – INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-10) &
SURGICAL PROCEDURES (ICD-9CM)
*Q.P. Code: 841311***

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Define the following terms:

- a) Dagger and Asterisk.
- b) Square Bracket.
- c) Topography and Morphology.
- d) Underlying cause of Death.
- e) Sequelae.

2. Fill in the blanks:

- a) Chapter X includes disorder from _____ System.
- b) Chapter VI includes disorder from _____ System
- c) Chapter XV includes disorder from _____ System.
- d) Chapter III includes disorder from _____ System.
- e) Chapter XIX includes disorder from _____ System

3. a) Distinguish between Benign and Malignant Neoplasm.
b) Distinguish between Carcinoma and Sarcoma Neoplasm.

II. Give the ICD 10 codes for the following:

(10 x 5 = 50)

1. a) Pulmonary Tuberculosis confirmed by Sputum test.
b) Hansen's disease.
2. a) Intervertebral Disc Prolapse.
b) Chronic obstructive pulmonary Disease.
3. a) Congenital Kyphosis.
b) Gestational Hypertension.
4. a) Non-traumatic subdural hematoma.
b) Nasopharyngeal polyp.
5. a) Chronic Otitis Media.
b) Benign prostatic hypertrophy.

6. a) Postpartum Urinary Tract Infection.
b) Type II Diabetes Mellitus.
7. a) Left sided sliding, strangulated hernia.
b) Angina Pectoris.
8. a) Excessive attrition of teeth.
b) Neonatal seizure.
9. a) Parkinson's disease.
b) First degree perineal laceration.
10. a) Obstructive sleep apnoea.
b) Varicose vein.

III. Give the ICD 9CM procedure codes for the following:

(10 x 2 = 20)

1. Repair of Aneurysm.
2. Partial Hypophysectomy Trans – Sphenoidal Approach.
3. Open Reduction with Internal fixation for fracture of Humerus.
4. Take down ventricular Anastomosis.
5. Endoscopic Retrograde cholangiopancreatography.
6. Balloon Angioplasty for Multiple coronary Arteries.
7. Auto transplant of parathyroid tissue.
8. Removal of foreign body from posterior segment of eye with use of Magnet.
9. Percutaneous transluminal coronary Angioplasty.
10. Endoscopic placement of stent in the bile duct.
