

[LF 0212]

AUGUST 2014

Sub. Code: 1721

**B.Sc. MEDICAL RECORD SCIENCE**

**THIRD YEAR**

**PAPER I – INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-10)  
AND SURGICAL PROCEDURES (ICD-9CM), CPT, HCPCS**

*Q.P. Code : 801721*

**Time : Three Hours**

**Maximum : 100 marks**

**Answer ALL questions**

**I. Code on ICD - 10:**

**(30 x 1 = 30)**

1. Non insulin dependent diabetes mellitus with neuropathy.
2. Pulmonary tuberculosis confirmed by sputum test.
3. Non-union fracture of proximal right humerus.
4. Mitral valve stenosis with aortic stenosis and tricuspid regurgitation.
5. Postpartum urinary tract infection.
6. Primi gravida 30 weeks complicating with hypertension.
7. Bull gored injury in the abdomen.
8. Compound fracture of both bones of the leg.
9. Vaginal intraepithelial Neoplasia grade III with severe Dysplasia.
10. Ant entering into the ear.
11. Accidental overdose of dopamine.
12. Left sided sliding, strangulated hernia.
13. Chronic crescentic glomerulonephritis.
14. Post prosthetic fracture of femur.
15. Carcinoma stomach with ascites.
16. Hypertension due to pheochromocytoma.
17. Osteoarthritis, secondary both knees.
18. Old motor vehicle accident.
19. Infant of diabetic mother.
20. Bad obstetric history.
21. Cytomegalovirus infection with HIV.
22. Chronic suppurative otitis media with atticofacial disease.
23. Mullerian mix tumor.
24. Multiple delivery, all by forceps and vacuum extractor.
25. Neonatal aspiration of meconium.
26. Self-inflicted shooting with hand gun injury to heart.
27. Bronchopneumonia due to parainfluenza virus.
28. Delivery complicated by fetal distress of bradycardia.
29. Burn of face, neck and chest wall with deep necrosis.
30. Vago-hypoglossal syndrome.

**II. Code on ICD-9CM:****(20 x 2 = 40)**

1. Total repair of total anomalous pulmonary venous connection.
2. Open reduction with internal fixation for fracture of femur.
3. Reduction genioplasty for a protruding mandible.
4. Jones dacryocystorhinostomy.
5. Coronary artery bypass surgery for three vessels.
6. Bipolar hip replacement.
7. Removal of peanut from bronchus.
8. Secondary repair of episiotomy.
9. Excision of maxillary sinus with Caldwell-luc approach.
10. Release of tongue tie.
11. Exploration of trigeminal nerve.
12. Removal of set on from anus.
13. Episiotomy for low forceps delivery.
14. Excision of intervertebral disk for lumbar disk prolapse.
15. Extracorporeal shockwave lithotripsy of ureter.
16. Bilateral reduction mammoplasty for gynecomastia.
17. Wertheim's operation.
18. Control of post operative hemorrhage of bladder.
19. Bilateral repair of femoral hernia with graft.
20. Closure of duodenal ulcer bleeding.

**III. Write answers on:****(10 x 3 = 30)**

1. Explain the dual coding system in ICD-10.
2. How many sections are there in ICD-10 volume 2? Explain the sections.
3. Write a short note on the International Classification of Procedures in Medicine.
4. What is the meaning of the term sequelae? Give two examples.
5. Write down the columns given in the neoplasm section. Name the chapter given in the volume 1 of ICD-10.
6. The alphabet "z" stands for what factors. Explain the situations.
7. Explain the topography and morphology codes in ICD-O.
8. Write down the uses of CPT.
9. Give any three steps for CPT coding.
10. Explain about HCPCS.

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[LH 0815]

AUGUST 2015

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AND SURGICAL PROCEDURES (ICD-9CM), CPT, HCPCS**

*Q.P. Code : 801721*

**Time : Three Hours**

**Maximum : 100 marks**

**Answer ALL questions**

**I. Code on ICD - 10:**

**(30 x 1 = 30)**

1. Stenosis of mitral valve with regurgitation.
2. Kidney recipient.
3. History of insulin dependent diabetes mellitus complicating pregnancy.
4. Late effect of poliomyelitis.
5. Intervertebral disk prolapse L5S1 with radiculopathy.
6. Minimal change glomerulonephritis.
7. Misplaced intrauterine contraceptive device.
8. Upper femoral non-traumatic slipping of epiphysis.
9. Chikungunya virus infection.
10. Old myocardial infarction.
11. Stricture of hepatic flexure.
12. Swallowing of blood by newborn.
13. Baby admitted for sick mother.
14. Crush injury finger while working in a machine in a factory.
15. Carcinoma lung with pleural effusion.
16. Insulin dependent diabetes mellitus with ketoacidosis.
17. Hyperemesis gravidarum in late gestational period.
18. Hardy's grade C atypical pituitary adenoma.
19. Physiological jaundice of newborn of prematurity.
20. Retraction of ear drum.
21. Alcoholic liver failure with fatty liver.
22. Excessive attrition of teeth.
23. Malunion fracture patella.
24. Ventriculoperitoneal shunt dysfunction.
25. Cerebral hematoma due to uncontrolled chronic hypertension.
26. Fever of unknown origin.
27. Compound fracture of both bones of hand in the distal ends.
28. Acute peptic ulcer with hemorrhage and perforation.
29. Multiple endocrine Neoplasia for more than two specified sites.
30. Occlusion of artery of lower leg.

**II. Code on ICD-9CM:**

**(20 x 2 = 40)**

1. Modified pomeroy ligation for sterilization for female after delivery.
2. Transurethral excision of tumor of bladder.
3. Open reduction for shoulder dislocation.
4. Transsphenoidal partial excision of pituitary gland.
5. Closure of ventricular septal defect with Dacron patch.
6. Loop electrosurgical excision procedure of cervix.
7. The surgical fracture of radius.
8. Endoscopic placement of stent in the bile duct.
9. Arrest of hemorrhage post operative tonsillectomy.
10. Cryosurgery of retina for repair of tear.
11. Clavicotomy of fetus to facilitate delivery.
12. Radiofrequency ablation of heart tissue by maze procedure.
13. Orthodontic dental wiring.
14. Closed reduction and internal fixation of fibula.
15. Autotransplant of aberrant renal artery.
16. Retrograde intravenous pyelogram.
17. The surgical correction of a previous cleft palate repair.
18. Episiotomy for suction cup delivery.
19. Abdominoperineal excision of rectum pull-through with Duhamel type.
20. Split thickness skin graft.

**III. Write answers on:**

**(10 x 3 = 30)**

1. Write down any three differences between ICD-9 and ICD-10.
2. What are the conventions used in the tabular list of ICD-10?
3. Explain the underlying cause of death.
4. Explain the point dash, NEC and cross-reference in ICD-10.
5. Give a short note on ICD-0.
6. What is the role of WHO in the development of ICD?
7. What are the alphabets R, M and S stand for in the ICD-10 ?
8. What are the purposes of CPT?
9. How many levels are there in HCPCS? Write down the levels. Explain the level 1 of HCPCS.
10. Write down any three general rules for CPT coding.

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**[LH 0815]**

**B.Sc. MEDICAL RECORD SCIENCE**  
**THIRD YEAR**  
**PAPER I – INTERNATIONAL CLASSIFICATION OF DISEASES**  
**(ICD-10) AND SURGICAL PROCEDURES (ICD-9CM), CPT, HCPCS**

*Q.P. Code: 801721*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Code on ICD-10:**

**(30 x 1 = 30)**

1. Neonatal aspiration pneumonitis.
2. Lower limbs edema.
3. Duodenum tubercular.
4. Acute tympanitis with otitis media.
5. Iodine deficiency hypothyroidism.
6. Allergic to vaccine.
7. Supervision of first normal pregnancy.
8. Repeated Myocardium infarction chronic old.
9. Postural hypotension.
10. Herpes simplex virus infection.
11. Intertrochanteric closed fracture of femur.
12. Ovarian cyst.
13. Acute bronchitis.
14. Calculus kidney.
15. Status laryngectomy.
16. Talipes equinovarus.
17. Wandering spleen.
18. Stricture urethra.
19. Heat stroke.
20. Parkinson's disease.
21. Facial palsy.
22. First degree perineal laceration.
23. Venous insufficiency (chronic).
24. Neonatal seizure.
25. Protein deficiency anemia.
26. Abscess liver amebic.
27. Severe pre eclampsia.
28. Acute depression.
29. Pemphigus vulgaris.
30. Aseptic meningitis.

**II. Code on ICD-9CM:**

**(20 x 2 = 40)**

1. Preputiotomy.
2. Pigskin graft.
3. Substernal thyroidectomy (by transsternal route).
4. Total hip replacement.
5. Repair cleft lip.
6. Ladd operation.
7. Revision Ileostomy.
8. Anastomosis large to small intestine.
9. Biopsy anus.
10. Two coronary vessels bypass graft.
11. Catheterization renal vein.
12. Supravesical cesarean section.
13. Fasciotomy Dupuytren's with excision.
14. Histeroscopy.
15. Augmentation genioplasty.
16. Oophoropexy.
17. Repair diaphragmatic hernia abdominal approach.
18. Reduction of stomach volvulus.
19. Salter operation.
20. Renal Angiography.

**III. Short answers on:**

**(10 x 3 = 30)**

1. What is Dual code?
2. What is Morphology code?
3. What does 'NEC' abbreviation stand for in ICD?
4. List the contents of Volume I.
5. Write the uses of ICD.
6. What is 'Sequalae'? What is it used for in ICD?
7. Write any three general rules of CPT coding.
8. Write the purpose of CPT.
9. Explain the levels of HCPCS.
10. Who is responsible to publish the ICD?

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*Q.P. Code: 801721*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Code on ICD-10:**

**(30 x 1 = 30)**

1. Neonatal aspiration pneumonitis.
2. Secondary Hypertension NEC.
3. Mitral Regurgitation Rheumatic.
4. Abnormal loss of weight.
5. Abscess brain tuberculous.
6. Pre menopausal bleeding.
7. Left posterior bundle branch block.
8. Chronic bronchitis with airways obstruction.
9. Bursitis in hip.
10. Deformity of tooth.
11. Degeneration brain arteriosclerotic.
12. Ectopic vesicae.
13. Newborn environmental fever.
14. Carcinoma stomach (write with morphology code).
15. Congenital hemolytic jaundice.
16. First degree perineal laceration.
17. Essential hypertension.
18. Calculus Pyelonephritis.
19. Venous Insufficiency.
20. Pericardial effusion (non inflammatory).
21. Neonatal seizure.
22. Borderline lepromatous leprosy.
23. Acute nonsuppurative otitis media.
24. Degenerative lumbar spondylolisthesis.
25. Epigastric pain.
26. Allergic to vaccine.
27. Tuberculous colitis.
28. Tympanosclerosis.
29. Congenital hypothyroidism.
30. Aspiration pneumonitis.

**II. Code on ICD-9CM:****(20 x 2 = 40)**

1. Pollicization.
2. Bone graft femur.
3. Total Thyroidectomy.
4. Acetabulectomy.
5. Palatoplasty for cleft palate.
6. Bankhart operation.
7. Take-down colostomy.
8. Anastamosis small to small intestine.
9. Biopsy clavicle bone.
10. Aortofemoral vascular bypass graft.
11. Catheterization heart (right).
12. Low forceps delivery with episiotomy.
13. Surgical tooth extraction.
14. Hearing test.
15. Ileal conduit.
16. Hysteropexy.
17. Repair incisional Hernia with prosthesis or graft.
18. Reduction intussusceptions of large intestine.
19. Salpingo-oophorectomy (unilateral).
20. Coronary angiography.

**III. Short answers on:****(10 x 3 = 30)**

1. Define 'Square brackets'.
2. What is 'sequalae'? What does sequalae mean in ICD?
3. List the content of Volume I.
4. Which chapter in ICD deals with alphabet 'E'?
5. Write uses of ICD?
6. Who is responsible to publish ICD?
7. Define 'topography'.
8. What information is available in section I in Alphabetical index?
9. Write any three general rules for CPT coding.
10. Write the purpose of CPT.

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*Q.P. Code: 801721*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Code on ICD-10:**

**(30 x 1 = 30)**

1. Obesity extreme, with alveolar hypoventilation.
2. Oliguria following molar pregnancy.
3. Vitreous opacity.
4. Chickenpox congenital.
5. Typhoid fever.
6. Chronic obstructive pulmonary disease.
7. Non-traumatic subdural hematoma.
8. Parkinson's disease.
9. Secondary hyperparathyroidism.
10. Tension headache.
11. Obstructive sleep apnoea.
12. Crohn's disease small intestine.
13. Status ileostomy.
14. Keloid scar.
15. Post laminectomy kyphosis.
16. Adeno-carcinoma of vaginal vault.
17. Becker's cardiomyopathy.
18. Hyperemesis gravidarum with metabolic disturbance.
19. Rash following immunization.
20. Primary Osteoarthritis of right hip.
21. Post Transplanted (status) kidney.
22. Duodenal ulcer with perforation.
23. Varicose vein.
24. Stricture Urethra.
25. Adjustment disorder.
26. Chest pain.
27. Necrosis bronchus.
28. First degree uterus prolapsed.
29. Congenital hammer toe.
30. Factor VII deficiency (congenital).

**II. Code on ICD-9CM:****(20 x 2 = 40)**

1. Pomeroy operation.
2. Peripheral nerve graft.
3. Hemi thyroidectomy.
4. Acetabuloplasty.
5. Secondary (or) subsequent Palatoplasty for cleft palate.
6. Sistrunk operation.
7. Loop colostomy.
8. Anastomosis large to large intestine.
9. Biopsy middle or inner ear.
10. Carotid-vertebral vascular bypass graft.
11. Catheterization umbilical vein.
12. Low cervical casarean section.
13. Fasciotomy hand.
14. Gastroscopy NEC.
15. Augmentation bladder.
16. Orchidopexy.
17. Repair inguinal Hernia (unilateral).
18. Reduction intussusception of small intestine.
19. Sampling blood for genetic determination of fetus.
20. Pulmonary Angiography.

**III. Short answers on:****(10 x 3 = 30)**

1. What does 'NEC' letters stand for in ICD?
2. Explain the levels of HCPCS.
3. What information is available in Section II in alphabetical index?
4. What is Dual code?
5. Define 'Square brackets'.
6. What is 'Sequalae'? What is it used for in ICD?
7. List the contents of Volume I.
8. Write the uses of ICD.
9. Who is responsible to publish ICD?
10. Write the purpose of CPT.

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*Q.P. Code: 801721*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Code on ICD-10:**

**(30 x 1 = 30)**

1. Congenital syphilis in an 18 months old child.
2. Acute pneumococcal tracheitis.
3. Poly cythemia vera.
4. Pheomorphic adenoma, salivary gland.
5. Hypochromic microcytic anemia.
6. Chronic congestive splenomegaly.
7. Severe malnutrition.
8. Korsakov's psychosis.
9. Psychogenic syncope.
10. Herpes viral encephalitis.
11. Multiple sclerosis.
12. Progressive external ophthalmoplegia.
13. Chronic simple glaucoma, both eyes.
14. Aspergillosis in otitis externa.
15. Bullous myringitis.
16. Right ventricular failure.
17. Deep vein thrombosis of right leg.
18. Masopharyngeal polyp.
19. Broncho pneumonia NOS.
20. Chronic gastro jejunal ulcer.
21. Alcoholic hepatitis.
22. Gastrointestinal hemorrhage.
23. Arthropathic psoriasis.
24. 55 years lady was admitted with post menopausal osteoporosis of the spine.
25. Decubitus ulcer of the cervix with cervicitis.
26. Live twin delivery.
27. Sever pre eclampsia with significant Proteinuria.
28. Erythroblastosis fetalis.
29. Von reckling hausen's diseases.
30. Swelling of the glands in neck.

**II. Code on ICD-9CM:****(20 x 2 = 40)**

1. The surgical correction of a previous cleft palate repair.
2. Closed reduction and internal fixation of fibula.
3. Endoscopic placement of stent in the bile duct.
4. Auto transplant of aberrant renal artery.
5. Clavicotomy of fetus to facilitate delivery.
6. Nitric acid inhalation therapy.
7. Division of percutaneous spinal cord nerve tracts.
8. Split thickness skin graft.
9. Yellow fever vaccination.
10. Stripping of varicose veins of lower limb.
11. Coronary bypass of one coronary vessel.
12. Window operation of pericardium.
13. Stapling of radius epiphyseal plate.
14. Removal of foreign body oesophagus.
15. Endoscopic transdeuodenal.
16. Below knee leg prosthesis fitting.
17. Transfusion of allograft bone marrow.
18. Peripheral drug eluting non coronary vessel insertion.
19. Interphalangeal arthrodesis of Toe.
20. Loop electrosurgical excision procedure of cervix.

**III. Short answers on:****(10 x 3 = 30)**

1. Write down any three differences between ICD-9 and ICD-10.
2. In what chapter of ICD-10 the alphabet F is used?
3. Write down any two of the general rules for CPT Coding.
4. What is paranthesis give two examples?
5. How many levels are there in the HCPCS? Write down the levels.
6. Write any four of the coding guidelines.
7. What do you mean by “Dagger” and “Asterisk”?
8. How many sections are there in the volume 3 of ICD-10? Write down the name of the Section.
9. What is the Purpose of CPT?
10. Explain the point dash, NEC and Cross reference in ICD-10.

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**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Code on ICD-10:**

**(30 x 1 = 30)**

1. Outcome of delivery single live birth (code the mother record).
2. Internal hirudiniasis.
3. Cytomegalovirus pancreatitis.
4. Bilateral synchronous Wilm's tumor (patient is 4 years old).
5. Metastatic carcinoma of brain.
6. Chemotherapy session.
7. Drug induced neutropenia.
8. Chronic congestive splenomegaly.
9. Gouty arthropathy, left ankle and knee.
10. Potassium deficiency.
11. Korasakoff's psychosis.
12. Anxiety state.
13. Spastic hemiplegia (sequelae of stroke which occurred at 18 months age).
14. Sleep apnoea.
15. Tuberculous chorloae rhinitis.
16. Vitreous syndrome following cataract surgery.
17. Astigmatism.
18. Acute streptococcal mastoiditis.
19. Peripheral vertigo.
20. Deep vein thrombosis of the right leg.
21. Acute maxillary sinusitis.
22. Adenomatous rectal polyp.
23. Contact dermatitis due to cosmetics.
24. Infected grown toe nail.
25. Bursitis of shoulder.
26. Erosive osteo arthrosis.
27. Right hallus valgus.
28. Incomplete uterus vaginal prolapse.
29. Benign prostatic hypertrophy.
30. Fetal distress affecting labour and delivery.

**II. Code on ICD-9CM:****(20 x 2 = 40)**

1. Unilateral modified radical mastectomy.
2. Vestibular function test.
3. Removal of foreign body from stomach.
4. Episiotomy for suction cup delivery.
5. Rastelli operation of truncus arteriosus.
6. Percutaneous tracheal aspiration.
7. Retrograde intravenous pyelogram.
8. Fistula osteoplasty.
9. Therapeutic introduction of hand tendon.
10. The surgical correction of previous cleft palate repair.
11. Renal Transplant.
12. Valvulotomy of pulmonary valve with repair of tetralogy of fallot.
13. Partial gastrectomy.
14. Single chamber device pacemaker insertion.
15. Modified pomeroy ligation for sterilization for female after delivery.
16. Radiofrequency ablation of heart tissue by maze procedure.
17. Tracheal Fistulization.
18. Ocular muscle suture.
19. Laproscopic partial cholecystectomy.
20. Pituitary gland biopsy, transfrontal approach.

**III. Short answers on:****(10 x 3 = 30)**

1. What are the columns given under neoplasm in volume 3 of the ICD-10?
2. Explain the underlying cause of death.
3. Write down any two of the general rules for CPT Coding.
4. What are the conventions available in ICD-10?
5. Give a short note on ICD-10.
6. What is the role of WHO in the development of ICD?
7. What alphabets R, M and S stand for in the ICD-10?
8. What do you mean by “Dagger” and “Asterisk?”
9. In what chapter of ICD-10 the alphabet ‘Z’ is used?
10. What are the words used as cross reference in ICD-10?

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