

Syllabus of the competitive examination to be conducted through the Commission for appointment to the post of Specialist Medical Officers (General Surgery) under Bihar Health Services.

Name of Post	- Specialist Medical Officer (General Surgery)
Type of Examination	- Objective Type (Computer Based Test)
Time Duration	- 02:00 Hours
Number of Questions	- 100
Total Marks	- 400 Marks
Marks for Each Right Answer	- 04 Marks
Negative Marks for Each Wrong Answer	- 01 Mark

Question will be asked under following syllabus :

1. Systemic Surgery
 - a. Wound healing including recent advances.
 - b. Asepsis, antisepsis, sterilization and universal precaution
 - c. Surgical knots, sutures, drains, bandages and splints
 - d. Surgical infections, causes of infections, prevention
 - e. Shock (septicaemic, hypovolaemic, Neurogenic, anaphylactic), etiology, pathophysiology and management.
 - f. Sinus and fistulae, pressure sores
 - g. Types of gangrene, Burger's disease and atherosclerosis
 - h. Venous disorders: Varicose veins
 - i. Burns: causes, prevention and management
 - j. Cleft lip and palate
 - k. Oral malignancies
 - l. Salivary gland neoplasms
 - m. Breast abscess
 - n. Recognition and treatment of pneumothorax, haemothorax
 - o. Empyema thoracis

- p. Recognition of oesophageal atresia and principles of management
- q. Gastro-esophageal reflux disease(GERD)
- r. Congenital hypertrophic pyloric stenosis
- s. Cancer stomach
- t. Signs and tests of liver dysfunction
- u. Portal hypertension, index of suspicion, symptoms and signs of liver failure and timely referral to a specialist center
- v. Neoplasms of liver
- w. Rupture spleen
- x. Carcinoma gall bladder,
- y. Peritonitis: causes, recognition, diagnosis, complications and principles of management with knowledge of typhoid perforation, tuberculous peritonitis, postoperative peritonitis
- z. Abdominal pain types and causes with emphasis on diagnosing early intraabdominal acute pathology requiring surgical intervention.

2. Appendix:

- a. Diagnosis and management of acute appendicitis
- b. Appendicular lump and abscess

3. Colon

- a. Inflammatory bowel diseases
- b. Ulcerative colitis
- c. Carcinoma colon

4. Rectum and Anal Canal:

- a. Congenital disorders, Anorectal anomalies
- b. Prolapse of rectum
- c. Carcinoma rectum
- d. Perianal and ischiorectal abscess
- e. Haemorrhoids- Non-operative outpatient procedures for the control of bleeding (Banding, cryotherapy, injection) operative options -

open and closed haemorrhoidectomy and stapled haemorrhoidectomy

- f. Clinical features, diagnosis, complication and principles of management of inguinal hernia including laparoscopic repair.
- g. Umbilical, femoral hernia and epigastric hernia
- h. Phimosis and paraphimosis
- i. Carcinoma penis
- j. Hydrocele, haematocele and pyocele Varicocele: Diagnosis (Medical Board for fitness)
- k. Varicocele : Diagnosis (Medical Board for fitness)
- l. Acute and chronic epididymo-orchitis
- m. Testicular tumours.
