

Surgery
Concise questionnaire 2025-2026
For graduating state examination

General surgery

1. Haemorrhage (bleeding): etiology, pathogenesis, classification, clinic, special investigations.
2. Methods of haemostasis.
3. Wounds: etiology, pathogenesis, classification, clinical features, special investigations, treatment.
4. Abscess, phlegmon.
5. Furuncle (boil), carbuncle.
6. Necrosis, gangrene.
7. Fistula and bedsore (pressure ulcer).

References (according to the numbers of subtitles).

1, 2, 3, 4, 5, 6, 7- *Surgery. Volume I. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2012 .*

Appendicitis

8. Appendicitis.
9. Acute appendicitis in children, elderly patients and pregnant women.
10. Appendicular mass.
11. Appendicular abscess.
12. Clinical manifestations of acute appendicitis depending on the localization of the appendix. Methods of surgical treatment of appendicitis.

References (according to the numbers of subtitles).

8, 9, 10, 11, 12- *Surgery. Volume II. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*

Abdominal hernias

13. Abdominal hernias: etiology, pathogenesis, classification, anatomical parts.
14. External abdominal hernias: clinical features, special investigations, treatment.
15. Inguinal hernia.
16. Femoral hernia.
17. Umbilical hernia.
18. Postoperative (incisional) hernia.
19. Complications of external abdominal hernias.

References (according to the numbers of subtitles).

13, 14, 15, 16, 17, 18, 19- *Surgery. Volume II. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*

Diseases of the gallbladder and bile ducts

20. Chronic calculous cholecystitis.
21. Acute calculous cholecystitis.
22. Complications of gallstone disease: choledocholithiasis, obstructive (mechanical) jaundice.
23. Complications of gallstone disease: cholangitis.
24. Complications of gallstone disease: hydrops of gallbladder, empyema of gallbladder, biliodigestive fistulas.
25. Postcholecystectomy syndrome.
26. External and internal drainage of bile ducts.

References (according to the numbers of subtitles).

20, 21, 22, 23, 24, 25, 26-*Surgery. Volume II. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*

Diseases of the pancreas

27. Acute pancreatitis: etiology, pathogenesis, classification, clinical features.
28. Acute pancreatitis: special investigations, treatment.
29. Chronic pancreatitis: etiology, pathogenesis, classification, clinical features.
30. Chronic pancreatitis: special investigations, treatment.
31. Cysts of the pancreas.
32. Fistulas of the pancreas.
33. Carcinoma of the pancreas: etiology, pathogenesis, classification, clinical features.
34. Carcinoma of the pancreas: special investigations, treatment.

References (according to the numbers of subtitles).

27, 28, 29, 30, 31, 32- *Surgery. Volume II. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan – 2015.*
33, 34 - *A Concise Textbook of Surgery. S.Das. 6-th edition (Calcutta, 2010).*

Diseases of the stomach and duodenum

35. Peptic ulcer disease of the stomach and duodenum.
36. Surgical treatment of peptic ulcer disease of the stomach and duodenum.
37. Complications of peptic ulcer disease of the stomach and duodenum: perforation.
38. Complications of peptic ulcer disease of the stomach and duodenum: bleeding.
39. Complications of peptic ulcer disease of the stomach and duodenum: pyloric stenosis.
40. Complications of peptic ulcer disease of the stomach and duodenum: penetration.
41. Sequelae of gastric surgery: dumping syndrome.
42. Sequelae of gastric surgery: afferent loop syndrome, efferent loop syndrome.
43. Sequelae of gastric surgery: recurrent peptic ulcer, reflux gastritis.
44. Carcinoma of the stomach: etiology, classification, clinical features.
45. Carcinoma of the stomach: special investigations, treatment.
46. Upper gastrointestinal bleedings.
47. Lower gastrointestinal bleedings.

References (according to the numbers of subtitles).

35, 36, 37, 38, 39, 40, 41, 42, 43 - *Surgery. Volume II. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*
44, 45- *A Concise Textbook of Surgery. S.Das. 6-th edition (Calcutta, 2010).*

46, 47-Surgery. Volume III. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.

Bowel obstruction

48. Intestinal obstruction: etiology, pathogenesis, classification, clinical features.
49. Intestinal obstruction: special investigations, treatment.
50. Obturation (simple mechanical obstruction) of intestine.
51. Strangulated obstruction of intestine.
52. Mixed types of mechanical intestinal obstruction.
53. Dynamic intestinal obstruction.

References (according to the numbers of subtitles).

48, 49, 50, 51, 52, 53- *References (according to the numbers of subtitles). Surgery. Volume II. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*

Diseases of the peritoneum and abdominal traumas

54. Acute abdomen.
55. Generalised (diffuse) peritonitis.
56. Subphrenic abscesses. Pelvic abscesses.
57. Open injuries of the abdomen.
58. Closed injuries of the abdomen.

References (according to the numbers of subtitles).

54, 57, 58 - *Surgery. Volume III. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*

55- *Surgery. Volume II. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*

56- *A Concise Textbook of Surgery. S.Das. 6-th edition (Calcutta, 2010).*

Diseases of the spleen

59. Injuries of the spleen.
60. Infarction of the spleen.
61. Abscess of the spleen.
62. Cysts of the spleen.

References (according to the numbers of subtitles).

49, 50, 51, 52 - *Surgery. Volume II. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*

Diseases of the liver

63. Abscess of the liver.
64. Injuries of the liver.
65. Echinococcosis, alveococcosis of the liver.
66. Non parasitic cysts of the liver.
67. Malignant tumors of the liver.

68. Portal hypertension: etiology, pathogenesis, classification, clinical features.
69. Portal hypertension: complications, special investigations, treatment.

References (according to the numbers of subtitles).

- 63, 64, 65, 66- *Surgery. Volume II. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan – 2015.*
- 67, 68, 69- *A Concise Textbook of Surgery. S.Das. 6-th edition (Calcutta, 2010).*

Diseases of the small intestine

70. Diverticula of small intestine: Meckel's diverticulum.
71. Crohn's disease.
72. Intestinal fistulas.
73. Tumors of the small intestine.

References (according to the numbers of subtitles).

- 70, 71, 72- *Surgery. Volume III. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*
- 73- *A Concise Textbook of Surgery. S.Das. 6-th edition (Calcutta, 2010).*

Diseases of the colon

74. Ulcerative colitis.
75. Primary megacolon (Hirschprung's disease).
76. Diverticulosis of the colon.
77. Carcinoma of the colon: etiology, classification, clinical features.
78. Carcinoma of the colon: special investigations, treatment.

References (according to the numbers of subtitles).

- 74, 75, 76- *Surgery. Volume III. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*
- 77, 78- *A Concise Textbook of Surgery. S.Das. 6-th edition (Calcutta, 2010).*

Diseases of the rectum

79. Haemorrhoids (piles).
80. Fissure-in-ano.
81. Acute proctitis (anorectal abscess).
82. Fistula-in-ano (chronic proctitis).
83. Pilonidal sinus.
84. Carcinoma of the rectum: etiology, classification, clinical features.
85. Carcinoma of the rectum: special investigations, treatment.

References (according to the numbers of subtitles).

- 79, 80, 81, 82, 83- *Surgery. Volume III. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*
- 84, 85- *A Concise Textbook of Surgery. S.Das. 6-th edition (Calcutta, 2010).*

Diseases of the diaphragm

86. Injuries of the diaphragm.
87. Hernias and relaxation of the diaphragm.
88. Esophageal hiatus hernias: etiology, pathogenesis, classification, clinical features.
89. Esophageal hiatus hernias: special investigations, treatment.

References (according to the numbers of subtitles).

86, 87, 88, 89- *Surgery. Volume II. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*

Diseases of the breast

90. Acute mastitis: etiology, pathogenesis, classification, clinical features.
91. Acute mastitis: special investigations, treatment.
92. Benign neoplasms of the breast.
93. Breast carcinoma.

References (according to the numbers of subtitles).

90, 91, 92, 93- *Surgery. Volume III. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*

Diseases of the esophagus

94. Achalasia of the esophagus.
95. Esophageal diverticulum.
96. Chemical injuries of the esophagus.
97. Fibrotic stenosis of the esophagus.
98. Carcinoma of the esophagus. etiology, classification, clinical features.
99. Carcinoma of the esophagus. special investigations, treatment.

References (according to the numbers of subtitles).

94, 95, 96, 97- *Surgery. Volume III. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*

98, 99- *A Concise Textbook of Surgery. S.Das. 6-th edition (Calcutta, 2010).*

Endocrine surgery

100. Endemic and sporadic goitre.
101. Diffuse toxic goitre: etiology, pathogenesis, clinical features.
102. Diffuse toxic goitre: special investigations, treatment.
103. Thyroiditis.
104. Carcinoma of the thyroid gland.
105. Adenoma of the parathyroid gland, hyperparathyroidism.
106. Hormonal active tumors of adrenal glands: corticosteroma (cushing's syndrome).
107. Hormonal active tumors of adrenal glands: pheochromocytoma.
108. Endocrine neoplasms of the pancreas: insulinoma, gastrinoma.

References (according to the numbers of subtitles).

100, 101, 102, 103, 104- *Surgery. Volume III. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*

105, 106, 107, 108- *A Concise Textbook of Surgery. S.Das. 6-th edition (Calcutta, 2010).*

Thoracic surgery

- 109. Closed injuries of the chest.
- 110. Open injuries of the chest.
- 111. Pneumothorax.
- 112. Abscess and gangrene of the lung.
- 113. Bronchiectasis.
- 114. Echinococcosis of the lung.
- 115. Carcinoma of the lung: etiology, classification, clinical features.
- 116. Carcinoma of the lung: special investigations, treatment.
- 117. Empyema thoracic.
- 118. Mediastinitis.

References (according to the numbers of subtitles).

109, 110, 111, 112, 113, 114, 115, 116, 117, 118- *Surgery. Volume II. Edited by prof. Mirijanyan M.M., prof. Barseghyan and ass.prof. Stepanyan S.A. (The methodical manual for students of general medicine faculty). YSMU. Yerevan - 2015.*

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