

# Block K (GIT & Hapatobiliary-II Module)

## Fourth Year Mbbs course content for Kmu

By Modular Medical Circle

### Pathology/Microbiology (Mcqs=41)

S.no.	Topics	Pathoma/Sketchy	Medium Robbins/ Levinson
1	Salivary Gland (Inflammation and tumors)	Page#100 (Ch#10)	P#587-589 (Ch#15)
2	Esophagus	Page#101-103 (Ch#10) [Esophagitis is missing]	P#590-597 (Ch#15)
3	<b>Stomach:</b> <ul style="list-style-type: none"> <li>Gastritis</li> <li>Peptic ulcers</li> <li>Gastric polyps and tumors</li> </ul>	Page#103-105 (Ch#10) [Gastric polyps is missing]	P#598-607 (Ch#15)
4	<b>Liver:</b> Liver Function Tests	<b>Not present:</b> do from practical notebook or any online resource	<b>Not present:</b> do from practical notebook or any online resource
5	Mechanisms of liver injury and repair	Only Cirrhosis is present (P#120)	P#637-642 (Ch#16)
6	Acute Liver failure		
7	Chronic Liver disease and liver cirrhosis		
8	Portal hypertension		
9	Viral hepatitis A and E	P#119-120 (Ch#11)	P#642-650 (Ch#16)
10	Viral hepatitis B		
11	Viral Hepatitis C		
12	Autoimmune hepatitis	<b>Not present</b>	P# 650-652(Ch#16)
13	Toxin and Drug induced hepatitis		
14	Liver abscess		
15	Alcoholic liver disease	P#121-123 (Ch#11)	P#652-659 (Ch#16)
16	Metabolic liver diseases <ul style="list-style-type: none"> <li>Non-Alcoholic liver disease (NAFLD)</li> <li>Hemochromatosis</li> <li>Wilson's disease</li> <li>Alpha-1 antitrypsin deficiency</li> </ul>		
17	Tumors of the liver	P#123 (Ch#11)	P#668-672 (Ch#16)
18	<b>Gall bladder:</b> <ul style="list-style-type: none"> <li>Gall stones</li> <li>Cholecystitis</li> <li>Gall bladder cancer</li> </ul>	P#116-118 (Ch#11)	P#672-676 (Ch#16)
19	<b>Pancreas</b> [congenital anomalies, acute & chronic pancreatitis, pancreatic pseudocyst and tumors]	P#115-116 (Ch#11) Congenital anomalies and cysts are missing	<b>Ch#17</b> [p#679-689] whole chapter
20	<b>Intestines:</b> Intestinal obstruction	P#106-108 (Ch#10)	P#607-610 (Ch#15)
21	Ischemic bowel disease		

22	Diarrheas [malabsorption & Celiacdz]	<b>Not present</b> except celiacdz (P#107)	P#611-614 (Ch#15)
23	Bacterial enterocolitis	<b>Not present</b>	P#614-626 (Ch#15)
24	Parasitic enterocolitis		
25	<i>Entamoeba histolytica</i>	<b>Sketchy:</b> P#91 [parasite section 1.1]	<b>Levinson:</b> P#425-430 [ch#51]
26	<i>Giardia lamblia</i>	<b>Sketchy:</b> P#92 [parasite 1.2]	
27	<i>Hymenolepis nana</i>	<b>Sketchy:</b> P#104 [Parasite 6.1]	<b>Levinson:</b> P#462 [ch#54]
28	<i>Diphyllobothrium latum</i>	<b>Sketchy:</b> P#104 [Parasite 6.1]	<b>Levinson:</b> P#459-460 [ch#54]
29	<i>Schistosoma hematobium, mansoni and japonicum</i>	<b>Sketchy:</b> P#105 [Parasite 6.2]	<b>Levinson:</b> P#465-468 [ch#55]
30	<i>Ascaris lumbricoides</i>	NP	<b>Levinson:</b> P#476-481 [ch#56]
31	<i>Strongyloides</i>	NP	
32	<i>Ankylostoma duodenale</i>	<b>Sketchy:</b> P#102 [parasite 10.2]	<b>Levinson:</b> P#472-473 [ch#56]
33	<i>Enterobius vermicularis</i>	<b>Sketchy:</b> P#102 [parasite 10.2]	
34	Inflammatory bowel disease (IBD)	P#109-113 ( <b>Ch#10</b> )	P#620-633 (Ch#15)
35	Diverticular disease		
36	Colonic polyps		
37	Hemorrhoids		
38	Colorectal carcinoma		

**Referenced Books:**

- 1) Pathoma (Fundamentals of Pathology by Hussain A. Sattar) 2021 edition
- 2) Robbins Basic Pathology (Medium Robbins) 10<sup>th</sup> edition
- 3) Levinson Microbiology 16<sup>th</sup> Edition
- 4) Sketchy Microbiology 2021 edition

**Pharmacology (Mcqs=16)**

S.no.	Topics	Lippincot	Tara	Mini Katzung
1	Anti-emetics	P#545-547 [Ch#40]	P#285-293 [Ch#7]	P#500 [Ch#59] Not Sufficient
2	Drugs used in the treatment of variceal bleeding	Not Present	Not Present	P#502 [Ch#59] few lines only
3	Drugs used in the treatment of Peptic ulcer disease and Gastritis	P#540-545 [Ch#40]	P#301-309 [Ch#7]	P#498-499 [Ch#59]
4	Hepatotoxic drugs			
5	Drugs used in the treatment of hepatitis B	P#438-441 [Ch#34]	Not Present	P#417-419 [Ch#49]
6	Drugs used in the treatment of hepatitis C			

7	Antidiarrheal agents (Opioids, Colloidal bismuth compounds, Kaolin & Pectin, etc)	Lippin: P#548-550 [Ch#50]	Tara: P#293-297 [Ch#7]	<b>Short Katzung:</b> P#500 [Ch#59] <b>Not Sufficient</b>
8	Laxatives (Bulk-forming, stool softeners, osmotic laxatives, stimulant laxatives, etc)		P#297-300 [Ch#7]	
9	Lactulose		Not Present	
10	Anti-amoebic drugs	P#604-607	P#493-498 [Ch#11]	P#437-439 [Ch#52]
11	Anti-helminthics	P#618-624	P#499-504 [Ch#11]	P#444-449 [Ch#53]
12	Anti-Salmonellosis drugs (Enteric fever drugs)	Not Present	Not Present	Paragraphs on P#416, 420, 427
13	Drugs used in the treatment of Irritable Bowel Syndrome (IBS) and IBD	P#550-555 [Ch#40]	P#295-297 [Ch#7]	P#500 [Ch#59] <b>Not Sufficient</b>

**Referenced Books:**

- 1) Lippincott's Pharmacology 7<sup>th</sup> Edition
- 2) Tara Pharmacology 5<sup>th</sup> edition
- 3) Short/mini Katzung 12<sup>th</sup> Edition

**NOTE:** Short Katzung is not recommended for GIT pharma due to lacking of sufficient knowledge

### Forensic Medicine (Mcqs=16)

S.No.	Topics	Parikh	Jamiat
1	Common house-hold poisons	Ch#38 [P#550-551]	Not Present
2	Corrosives/ Mineral acids	Ch#39 [P#552-554]	P#194-200 [Ch#16]
3	Corrosives/ Alkali		
4	Corrosive/ organic acid		
5	Corrosive/ vegetable acid and cyanides	Ch#41 [P#559-562]	
6	Irritants: Classification Irritants/ nonmetallic poisons	Ch#42 [P#565-569]	P#200-216 [Ch#16]
7	Irritants/Metallic poisons	Ch#43 [P#570-585]	
8	Irritants/ vegetable poisons	Ch#44 [P#585-592]	P#216-219 [Ch#16]
9	Irritants/ animal poisons	Ch#45 [P#593-605]	P#231-235 [Ch#16]
10	Irritants /mechanical poisons/ powder glass	Ch#46 [P#606]	Not Present
11	Abdominal injuries	P#322-326 [Ch#20]	P#74 [Ch#6] <b>Not sufficient</b>

**Referenced Books:**

- 1) Parikh Forensic Medicine 9<sup>th</sup> Edition
- 2) Jamiat Forensic 13<sup>th</sup> Edition

## Community Medicine (Mcqs=18)

S.No.	Topics	Hayat	Excel
1	Health system of Pakistan: Introduction	<b>Ch#16</b> [P#353-354]	Not Found
2	Primary health care (PHC)	<b>Ch#15</b> [P#339-351]	<b>P#177-186</b> [Ch#10]
3	Health plans – MDGs		<b>P#18-19</b> [Ch#2]
4	Health plans – SDGs		<b>P#19-22</b> [Ch#2]
5	Health planning	<b>Ch#17</b> [P#355-359]	<b>P#180</b> [Ch#10]
6	Health plans - Longitudinal, horizontal, integrated, 5 year, ADP, SAP, Short term, long term	<b>Ch#20</b> [P#367-370]	Not Found
7	Health policy	<b>Ch#19</b> [P#363-366]	Not Found
8	Hospital administration	<b>Ch#21</b> [P#371-375]	Not Found
9	Health economics	<b>Ch#22</b> [P#377-381]	Not Found
10	Health management information system (HMIS)	<b>Ch#24</b> [P#387-388]	<b>P#360-362</b> [Ch#25]
11	Health education.	<b>Ch#26</b> [P#393-402]	<b>P#307-310</b> Ch#18
12	Role of international health agencies in public health	<b>Ch#32</b> [P#431-434]	<b>P#9-10</b> [Ch#1]
13	Viral Hepatitis	<b>P#164-166</b> [Ch#5]	<b>P#108-109</b> [Ch#4]
14	Overview of common intestinal worms' infestation and their control	<b>P#177-179</b> [Ch#6]	<b>P#350-352</b> [Ch#24]
15	Control of dysentery	<b>P#180-181</b> [Ch#6]	
16	Food hygiene	<b>P#213-219</b> [ch#8]	
			<b>P#276-281</b> [Ch#16]

### Referenced Books:

1. Fundamentals of Community Medicine & Public Health by Dr. Hayat M Khan (3<sup>rd</sup> Edition)
2. Excel Community Medicine and Public Health 13<sup>th</sup> Edition Ch# [P#] P# [Ch#]

## Medicine (Mcqs=11)

S.no.	Topics	Step up 7 <sup>th</sup> edition	Irfan Masood 3 <sup>rd</sup> edition
1	Oral Cavity Diseases (stomatitis and Aphthous ulcers)	Not Found	Not Found
2	Esophagus: 1) Esophageal motility disorders	<b>P#149-150</b> [Ch#3]	<b>P#368</b> [Ch#9]
3	2) Esophagitis	Not Found	<b>P#373</b> [Ch#9]
4	3) Cardia achalasia	<b>P#149</b> [Ch#3]	<b>P#368</b> [Ch#9]
5	4) Gastro Esophageal reflux disease (GERD)	<b>P#451-452</b> [Ch#12]	<b>P#371</b> [Ch#9]
6	Gastritis	<b>P#156-157</b> [Ch#3]	<b>P#377</b> [Ch#9]
7	Peptic ulcer disease	<b>P#154-155</b> [Ch#3]	<b>P#378</b> [Ch#9]
8	Upper GI Bleeding	<b>P#144-147</b> [Ch#3]	<b>P#387</b> [Ch#9]
9	Hepatitis B virus infection	<b>P#376</b> [Ch#3]	<b>P#439</b> [Ch#10]
10	Hepatitis C virus infection		
11	Metabolic liver diseases	Not Found	<b>P#452</b> [Ch#10]



12	Hepatic vein obstruction (Bud-Chiari)	P#128 [Ch#3]	P#460 [Ch#10]
13	Hepatocellular carcinoma	P#126 [Ch#3]	P#463 [Ch#10]
14	Carcinoma of the pancreas	P#144 [Ch#3]	P#418 [Ch#9]
15	Intestinal tuberculosis	Not Found	Not Found
16	Irritable bowel syndrome	P#457-458 [Ch#12]	P#402 [Ch#9]
17	Ulcerative colitis	P#163-166 [Ch#3]	P#397 [Ch#9]
18	Crohn's disease	P#162-163 [Ch#3]	
19	Ano-rectal infections	Not Found	Not Found

### Surgery (Mcqs=12)

S.no.	Topics	Dogar 2 <sup>nd</sup> edition
1	Tumors of the esophagus	P#53 [Ch#2]
2	Para-esophageal hiatus hernia	P#47 [Ch#2]
3	Gastric cancer	P#66 [Ch#2]
4	Gastric outlet obstruction	P#66 [Ch#2]
5	Gall bladder and pancreas	P#90+108 [Ch#2]
6	Carcinoma of the gall bladder	P#103 [Ch#2]
7	Liver abscess	P#77 [Ch#2]
8	Hydatid liver cysts	P#79 [Ch#2]
9	Acute appendicitis	P#163 [Ch#3]
10	Intestinal obstruction	P#153 [Ch#3]
11	Ulcerative colitis	P#131 [Ch#3]
12	Crohn's disease	P#135 [Ch#3]
13	Diverticular disease	P#139 [Ch#3]
14	Anal diseases: • fistula • fissures • hemorrhoids	P#182+176+178 [Ch#3]
15	Colorectal cancers	P#145 [Ch#3]
16	Ischemic Colitis	Not Found

### Pediatrics (Mcqs=03)

S.No.	Topics	Pervez Akbar 10 <sup>th</sup> edition
1	Hereditary hyperbilirubinemias	P#150-160 [Ch#9]
2	Acute hepatitis A	P#285 [Ch#12]
3	Lactase deficiency	Not Found
4	Infectious diarrhea	P#180 [Ch#10]
5	Celiac disease	P#280 [Ch#12]

### Other minors

Topics	Resource
<b>Family Medicine (Mcqs=02)</b>	
Enteric infections	
Acute and chronic hepatitis	
<b>PRIME/Medical Education (Mcqs=01)</b>	
Social accountability	
<b>ENT (Mcqs=0)</b>	

Cleft lip and palate	
Pharyngitis and Tonsillitis	
Oropharyngeal cancer	
Salivary glands	
Dysphagia	
<b>Anatomy (Mcqs= 0)</b>	
Gross and microscopic structure of liver, gall bladder & biliary channels and pancreas Liver histology	

**Junaid Imran Final Year KMC recommendations for Block K:**

A) Pathology (GIT and Hepato-biliary) from

1. Pathoma book + lectures
  2. First Aid
  3. BnB
  4. Dirty Medicine
- Microbiology from: Sketchy lectures

B) Pharmacology:

1. Kaplan
2. First Aid
3. Sketchy
4. Speedy Pharmacology

C) Forensic All poisons from Parikh

D) Community medicine: Primary health care + Communication & health education from: Excel & Selfless medicose YouTube channel, all other chapters from Hayat.

E) Medicine: Step-up

F) Surgery GIT and Hepato-biliary from: Dogers' book & Selfless medicose YouTube channel

*Errors and Omissions are accepted.*

**According to newly updated modular guides of KMC.**

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