Know Your Surgery

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FOREWORD

Professor H.D. Ritchie
Surgical Unit, The London Hospital

Although not the first of its kind, Mr Stuart's volume must be the most exhaustive available, at present, to the surgical student. He has put an enormous amount of careful, painstaking work into the preparation of these questions, and yet managed to make it interesting and at times fun to read. Taken in its full depth, it covers more ground than is needed by the undergraduate, and, as the author points out, is adequate to prepare the young surgeon for the final F.R.C.S. examination.

For those whose mind is stimulated by puzzles (self-assessment!), this volume has much to offer. Few, however experienced they may be, will go through many of its pages without discovering some gaps at least in their knowledge.

Mr Stuart is surely to be congratulated in making the results of his careful work available generally to the surgical student.

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INTRODUCTION AND SCORING

This book is designed as a rapid, painless method of both revision and self-assessment in preparing for surgical finals and the F.R.C.S. examination. The material covers the whole range of general surgery and the questions aim to reveal gaps in the student's knowledge and then to help fill these gaps in an entertaining and novel way. Each section is scored and target scores are given to add stimulus and monitor progress.

Although produced for private study, the book may also be effectively used for revision in small groups and will be invaluable for those called upon to teach surgery.

QUIZ QUESTIONS

Forty-five surgical topics are each covered by twenty quiz questions and five multiple choice questions. The former score 1 to 3 points according to their difficulty. Questions with a 3 score are more relevant to postgraduates (P.G.), but some will be in the range of undergraduates (U.G.) and the separate target scores take this into account. A partially correct answer can be marked accordingly, but no half-marks should be scored on the questions with a score of 1.

SCORING THE MCQs

Each correct answer in the five-part questions scores 1 point. For each wrong answer a mark is deducted. An answer left blank does not penalise — zero is scored.

SURGICAL MAZES

These 10 tests are a light-hearted variation on multiple choice questions. Correct answers to true-or-false statements lead to a rapid path through the mazes, whereas two consecutive wrong answers will lead to a back-track, to guarantee you get it right next time!

DIFFERENTIAL DIAGNOSIS COUNTDOWN

Differential diagnosis of important symptoms and signs is important in surgical practice. See how you score on these 330 causes of 60 presenting features.

ACUTE ABDOMEN AND CRYPTIC CASES

Test your surgical knowledge and clinical acumen in diagnosing these 52 simulated case histories. Starting with a presenting complaint and a list of the clinical features available to you, decide what is the most relevant information to reach a correct diagnosis. All of the acute abdomen cases can be successfully diagnosed without turning to the investigations.

To score the case diagnoses start with the presenting complaint and a score of 25 and deduct 1 point for each item of information you require to arrive at the diagnosis (that is 1 point for each page turned to). As soon as you make a diagnosis, write it down with your score and work through the remaining clinical features. Should you need to revise your diagnosis in the light of more information, deduct a further 3 points from your score. Compare your scores with the targets.

TARGET SCORES

QUIZ QUESTIONS

No.	Subject title	U.G.	P.G.	Total	No.	Subject title	U.G.	P.G.	Total
1.	Infection	21	28	41	24.	Vascular – Arterial	18	29	41
2.	Neck	22	30	40	25.	Veins & lymphatics	20	30	43
3.	Thyroid	21	29	41	26.	Fluid	17	26	42
4.	Adrenal glands	19	27	48	27.	Shock	17	26	41
5.	Hernias	21	30	41	28.	Hand surgery	18	28	41
6.	Breast	20	29	39	29.	Orthopaedics	18	27	41
7.	Mouth & pharynx	18	28	42	30.	Fractures	18	27	42
8.	Salivary glands	18	28	43	31.	Head injuries	18	29	45
9.	Oesophagus	21	31	44	32.	Neurosurgery	17	27	39
10.	Stomach	21	30	40	33.	Oncology	18	27	42
11.	Intestine	21	30	40	34.	Thoracic surgery	21	30	49
12.	Appendix	23	32	42	35.	Paediatric surgery	18	28	41
13.	Colon	20	29	39	36.	Plastic surgery	18	28	37
14.	Anorectum	20	30	39	37.	Skin	18	28	41
15.	Liver	19	29	43	38.	Otolaryngology	18	27	40
16.	Biliary system	18	28	40	39.	Gynaecology	17	26	43
17.	Pancreas	21	31	49	40.	Tropical surgery	17	28	43
18.	Spleen	19	28	45	41.	Therapeutics	18	18	39
19.	Kidney & ureter	18	28	38	42.	Biochemistry	21	28	43
20.	Bladder	19	29	44	43.	Anatomy	17	26	41
21.	Prostate	18	29	41	44.	Operative surgery	16	26	38
22.	Penis & urethra	18	28	40					
23.	Testes and scrotum	19	28	37					

MULTIPLE CHOICE QUESTIONS

Each correct answer scores 1 point; for every wrong answer deduct 1 point, any blanks count as 0.

No.	Subject title	U.G.	P.G.	No.	Subject title	U.G.	P.G.
1.	Surgical infection	13	18	24.	Vascular surgery – Arterial	11	17
2.	Neck	10	16	25.	Veins & lymphatics	16	21
3.	Thyroid & parathyroid	10	16	26.	Fluid	11	17
4.	Adrenal glands	12	17	27.	Shock	14	19
5.	Hernias	15	19	28.	Hand surgery	13	19
6.	The breast	9	15	29.	Orthopaedics	13	18
7.	Mouth & pharynx	14	19	30.	Fractures	11	16
8.	Salivary glands	10	15	31.	Head injuries	12	18
9.	Oesophagus	11	16	32.	Neurosurgery	10	15
10.	Stomach & duodenum	13	18	33.	Oncology	15	20
11.	Intestine	14	19	34.	Thoracic surgery	14	20
12.	Appendix	15	20	35.	Paediatric surgery	12	17
13.	Colon	14	19	36.	Plastic surgery	14	19
14.	Anorectum	10	15	37.	The skin	14	19
15.	Liver	13	18	38.	Otolaryngology	13	18
16.	Biliary system	11	16	39.	Gynaecology	10	15
17.	Pancreas	11	17	40.	Tropical surgery	9	14
18.	Spleen	12	17	41.	Therapeutics	16	21
19.	Kidney & ureter	13	18	42.	Biochemistry	14	19
20.	Bladder	15	20	43.	Anatomy	10	15
21.	Prostate	10	16	44.	Operative surgery	13	19
22.	Penis & urethra	13	18	45.	Physical signs	7	10
23.	Testes & scrotum	11	17				

MAXIMUM SCORES FOR ALL PAPERS = 25.

DIFFERENTIAL DIAGNOSIS COUNTDOWN

Countdown	Total	U.G.	P.G.
No. 1	55	45	50
No. 2	55	44	49
No. 3	55	42	47
No. 4	55	43	48
No. 5	55	44	49
No. 6	55	42	47

ACUTE ABDOMEN

Case	U.G.	P.G.	Case	U.G.	P.G.
A	15	18	N	15	17
B	13	16	O	14	16
C	16	19	P	13	15
D	15	18	Q	14	16
E	14	17	R	10	13
F	18	20	S	10	13
G	11	13	T	12	14
H	12	14	U	13	15
I	10	12	V	10	12
J	11	14	W	10	12
K	10	12	X	11	13
L	13	15	Y	12	14
M	14	16	Z	12	14

CRYPTIC CASES

Case	U.G.	P.G.	Case	U.G.	P.G.
A	8	11	N	11	14
B	9	12	O	10	13
C	10	13	P	11	14
D	10	13	Q	12	15
E	10	13	R	12	15
F	11	14	S	13	16
G	9	12	T	10	13
H	8	11	U	9	12
I	7	10	V	10	13
J	10	13	W	13	16
K	11	14	X	9	12
L	12	15	Y	10	13
M	12	15	Z	13	16