

## FI UJIAN MAKMAL

<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
1	2hour post parandial	20
2	17- oxosteroids	30
3	17-oxogenic steroids	30
4	3-methoxy-4-hydroxy-mandelic acid (HMMA/VMA) (Urine)	30
5	5-hydroxy indoles total	20
6	5-hydroxyindoleacetic acid (5-HIAA)	100
7	ABO + Grouping (anti D only)	20
8	Acetone	5
9	Acid Fast Bacilluss (AFB) Culture	45
10	Acid Phosphatase	70
11	Acquired Immunodeficiency Syndrome (HIV antibody)	60
12	ACTH stimulation test	50
13	Alanine transaminase	10
14	Albumin (Blood)	10
15	Albumin (urine )	10
16	Alcohol	50
17	Aldosterone	84
18	Alfa-Fetoprotein (AFP)	70
19	Alkaline Phosphatase (ALP)	30
20	Allergy Skin Test	70
21	Alpha antitrypsin	60
22	Amino acid by TLC (Urine)	100

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
23	Amino acid by TLC Screening	100
24	Ammonia	60
25	Amylase	20
26	Antenatal Screening	58
27	Anti Streptolysin O Titre (ASOT)	30
28	Anti-antibodies/haemagglutination test	20
29	Antibiotic sensitivity	50
30	Anti-DNA Antibody (anti dsDNA)	108
31	Antigen detection specific pathogens	20
32	Antinuclear Factor (ANF)	40
33	Ascorbic Acid	20
34	Aspartate Transaminase	10
35	Aspirate For Cylology	100
36	Augmentin histamine test	50
37	Bacteriological sterility test	60
38	Barbiturate	60
39	Barbiturate (Serum)	110
40	Barbiturate (Urine)	110
41	Bence Jones Protein	10
42	Beta carotene	10
43	Beta Human Chorionic Ganadotropin (Beta HCG)	60
44	Bicarbonate	10

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
45	Bile Pigment	8
46	Bilirubin	20
47	Bilirubin Conjugated	10
48	Bilirubin Unconjugated	10
49	Bilirun (total)	20
50	Bleeding time	10
51	Blood Gases	65
52	Blood group and cross matching	11
53	Blood Urea Serum Elektrolytes (BUSE)	38
54	Blood Urea,Nitrogen	10
55	Bramsulphathelein excretion test	30
56	Bronchial Brushing Cytology	30
57	Bronchial Lavage/Washing Cytology	30
58	Brucella Agglutination Test	20
59	C Reactive Protein - Quantitative	60
60	Caeruloplasmin	50
61	Calcium	20
62	Cannabinoids	50
63	Carcino Embryonic antigen (CEA)	55
64	Cardiac Enzymes	48
65	Cardiac isoenzyme (CK)	50
66	Cathecolamine	180

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
67	Cerebro-Spinal Fluid (CSF) Routine	50
68	Cerebro-Spinal Fluid Cultural & Sensitivity	40
69	Cerebrospinal Fluid Cytology	30
70	Chlamydial (Screening)	40
71	Chlamydial Immunoglobulin G (IgG) Antibody	95
72	Chlamydial Immunoglobulin G (IgG)	75
73	Chloride	10
74	Cholesterol (Total)	20
75	Cholinesterase	20
76	Chromosomal Analysis	600
77	Clot test	45
78	Clotting time	10
79	Coagulation Factor Anti-Xa	50
80	Coagulation Factor IX Activity	50
81	Coagulation Factor IX Antigen	215
82	Coagulation Factor V Antigen	50
83	Coagulation Factor V Leiden Mutation	215
84	Coagulation Factor VII Activity	215
85	Coagulation Factor VII Antigen	50
86	Coagulation Factor VII Inhibitors	50
87	Coagulation Factor VIII Activity	215
88	Coagulation Factor VIII Antigen	50

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89	Coagulation Factor VIII Inhibitors	215
90	Coagulation Factor X Antigen	50
91	Coagulation Factor X Activity	215
92	Coagulation Factor XI Activity	215
93	Coagulation Factor XI Antigen	50
94	Coagulation Factor XI Inhibitors	50
95	Coagulation Factor XII Activity	215
96	Coagulation Factor XII Antigen	50
97	Coagulation Factor XIII Activity	450
98	Coagulation Factor XIII Clot Lysis Test/	50
99	Coagulation profile	115
100	Cold agglutin/cryoglobulin titre	125
101	Complement C3	50
102	Complement C4	50
103	Complement fixation Test	20
104	Coomb Test direct	55
105	Coomb Test indirect	54
106	Copper	70
107	Cortisol	55
108	Cortisol AM	55
109	Cortisol PM	55
110	Cortisol Profile	55

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
111	C-Peptide 3 specimen	180
112	Creatine	20
113	Creatine Kinase (CK)	20
114	Creatine Kinase-muscle bound (CK-MB)	55
115	Creatinine	35
116	Creatinine Clearance Test	35
117	Creatinine Phosphate	35
118	Cryoglobulin	120
119	Cryoprecipitate	20
120	CSF Biochemistry	20
121	Culture of clinical specimen (eg. tissue culture, animal innoculation)	40
122	Culture of mycoplasma	20
123	Cystic Fluid Cytology	30
124	Cystine	5
125	Cytologi peritoneal fluid	30
126	Cytological examination of clinical specimen :	30
127	Dehydroepiandrosterone Sulphate (DHEAS)	70
128	Delta amino leavulinic acid urine	70
129	Dengue Fever Study	160
130	Dexamethasone suppression Test	50
131	Diastase	10
132	Dibucaine number	20

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
133	Differential Count	10
134	Direct Smear (Grain Stain)	30
135	Drug Analysis (per drug)	30
136	Electrolytes	30
137	Electrone microscopy	250
138	Electrophoresis (for Bence Jones Protein)	30
139	Electrophoresis protein	72
140	ELISA for Hepatitis A virus	30
141	Erythrocyte transketolase & TPP effect	20
142	Erythrocyte Sedimentation Rate (ESR)	20
143	Faecal fat	30
144	Ferritin	130
145	Fibrinogen	80
146	Fibrinogen (immuno method)	115
147	Filtered RBC	600
148	Flourescent microscopy	30
149	Folate RBC	40
150	Follicle Stimulating Hormone (FSH)	60
151	Free Tyroxine index	35
152	Fructosamine	45
153	Full Blood Count	40
154	Full Blood Picture	80

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
155	Gamma Glutamine Transferase	30
156	Gastric Brushing Cytology	30
157	Gastric function Test	50
158	Gastric Lavage Cytology	30
159	Gentamicin, Peak	30
160	Gentamicin, Random	30
161	Gentamicin, Trough	30
162	Gentamycin	30
163	Globulin	18
164	Glucose	10
165	Glucose Fasting Blood sugar	20
166	Glucose Tolerance Test	50
167	Glucose-6-Phosphite Dehydrogenase (G6PD) Screening Test	20
168	Glucostix	62
169	Group & Crossmatch (GXM)	11
170	Group Screen & Hold (GSH)	68
171	Growth Hormone	78
172	Haemagglutination inhibition Test (Denggue Serology)	60
173	Haematocrit Pack Cell Volume (PCV)	20
174	Haemoglobin & allied pigment	5
175	Haemoglobin (Hb)	10
176	Haemoglobin A I C (HbA1C)	60



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177	Haemoglobin Electrophoresis	60
178	Haptoglobin	50
179	Hb analysis	60
180	HDL & LDL Cholesterol (pakej)	40
181	Hepatitis A Virus Immunoglobulin G Antibody (HAV IgG Ab)	50
182	Hepatitis A Virus Immunoglobulin M Antibody (HAV IgM Ab)	78
183	Hepatitis B e Antibody (HBV e Ab)	60
184	Hepatitis B surface antibody (HBs Ab)	60
185	Hepatitis B surface antigen (HBs Ag)	60
186	Hepatitis C (Antibody)	70
187	Hepatitis C Virus Immunoglobulin G (HCV IgG Ab)	60
188	Hepatitis C Virus Immunoglobulin M (HVC IgM Ab)	80
189	Hepatitis E (Antigen)	60
190	Herpes Simplex Type 1 Immunoglobulin G	54
191	Herpes Simplex Type 2 Immunoglobulin G	60
192	High Density Lipoprotein (HDL) Cholesterol	20
193	High Density Lipoprotein Concentration	20
194	Histopathology examination Type B (medium specimens)	100
195	Histopathology examination Type C (small specimens)	80
196	Histopathology examination Type A (large specimens)	125
197	HIV antigen Test	50
198	HIV Antibody confirmation Test	150

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
199	HLA-B27	291
200	Homogentisic acid	5
201	Human Chorionic Gonadotropin (HCG)	60
202	Hydroxy Butyrate Dehydrogenase	35
203	Hydroxyproline	30
204	IFA Test for Legionella Ab	30
205	Immunoelectrophoresis	30
206	Immunofixation	30
207	Immunoglobulin A (Quantitive)	30
208	Immunoglobulin E (Quantitive)	30
209	Immunoglobulin G (Quantitive)	30
210	Immunoglobulin M (Quantitive)	30
211	Immunological Techniques (agglutination, flocculation, hemolysis)	20
212	Indirect Immunoperoxidase Test	30
213	Iron Serum	25
214	Isoenzyme studies	50
215	Ketone bodies	40
216	Kleihairs Test	60
217	Lactate Dehydrogenase	15
218	Lactic Dehydrogenase	15
219	Lange's colloidal gold curve	30
220	Lead	55

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
221	Leuteinising Hormone (LH)	42
222	Light microscopy	10
223	Lipid Profile (cholesterol, triglycerides)	48
224	Lipoprotein Electrophoresis	270
225	Lithium	38
226	Liver Function Test	100
227	Low Density Lipoprotein (LDL)	40
228	Lupus Erythematosus Cells (LE cell)	15
229	Lysozyme serum	20
230	Magnesium	15
231	Malaria Parasite	15
232	Mantoux Test	15
233	Mean Corpuscular Haemoglobin (MCH)	6
234	Mean Corpuscular Haemoglobin Concentration (MCHC)	6
235	Mean Corpuscular Volume (MCV)	6
236	Menopausal Hormone studies	120
237	Menstrual Cycle study	135
238	Mercury	125
239	Microbiological analysis of water, milk, ice cream, other foods	50
240	MICS of antibiotics	50
241	Monospot Test	30
242	Morphine/Cannabinoids	80

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
243	Mucopolysaccharides	70
244	Myoglobin	10
245	Nipple Discharge Cytology	30
246	Nuclear Sexing(Buccal Smear)	35
247	Occult Blood	16
248	Oesophageal Brushing Cytology	40
249	Oestradiol	48
250	Oestrogen total	30
251	Orosamuroid	30
252	Osmolaliti	20
253	Osmotic fragility Test	60
254	Others Brushing Cytology	30
255	Others Cytology	30
256	Pack Cell	20
257	Pack Cell Volume (PCV) (haematocrit value)	20
258	Paracetamol	50
259	Paraprotein (serum elektrophoresis)	100
260	Paraquat	30
261	Particle agglutination for Mycoplasma	20
262	pCO <sub>2</sub>	10
263	Pericardial Fluid Cytology	30
264	Peripheral Blood Film	20

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
265	Peritoneal/Ascitic Fluid Cytology	30
266	pH urine, blood, fluid	10
267	Phagocytic Function Test	100
268	Phenylketones	10
269	Phospate	20
270	Phospate inorganic	11
271	Phosphorous	15
272	Platelet Agregation Test	105
273	Platelet Concentration	20
274	Platelet Count	10
275	Pleural Fluid Cytology	30
276	pO <sub>2</sub>	10
277	Porphyrin	30
278	Porphyrinogen	10
279	Potassium	10
280	Puus FEME	20
281	Pregnancy Test Semi quantitative/ qualitative)	40
282	Pregnantriol	30
283	Progesterone	70
284	Prolactin	40
285	Protein (Total) Plasma	65
286	Protein (Total) Urine	30

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287	Protein Electrophoresis	65
288	Prothrombin Time (PT)	30
289	Pus swab culture & sensitiviti	40
290	Pyruvate	30
291	Pyruvate Kinase	30
292	Random Blood Sugar	20
293	Red Blood Cell (Blood)	20
294	Red Blood cell(Urine)	5
295	Red Cell Folate	20
296	Renal Profile	80
297	Reticulocyte Count	40
298	RH Antibody Screening	52
299	Rhesus grouping (anti D only)	20
300	Rheumatoid Arthritis Factor (RA factor)	40
301	Riboflavin	30
302	Rubella Antibody	50
303	Rubella Immunoglobulin G Antibody	50
304	Rubella Immunoglobulin M Antibody	80
305	Salicylate	50
306	Schumn's Test	10
307	Screening Test For The Presence Of Inhibitors To Coagulation Factors	50
308	Seminal Analysis	30

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
309	Seminal assay	30
310	Seminal examination	30
311	Serum Ferritin	20
312	Serum Folate	30
313	Smear For Acid Fast Bacilii	40
314	Smear Wet Preparation Tricomonas/Monilis	10
315	Sodium	20
316	SP Fallopien tube	80
317	SP Abdominal wall	80
318	SP Adrenal	80
319	SP Anus	80
320	SP Appendix	80
321	SP Back and vertebral column	80
322	SP Bartolin's gland	80
323	SP Bone	80
324	SP Brain and spinal Cord	80
325	SP Breast	80
326	SP Bronchus	80
327	SP Cardiac valve	80
328	SP Cervix	80
329	SP Chest	80
330	SP Colon	80

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
331	SP Ear	80
332	SP Endocardium	80
333	SP Endometrial	80
334	SP Extra hepatic duct	80
335	SP Eye/eye appendages	80
336	SP Gall bladder	80
337	SP Head	80
338	SP Heart	80
339	SP Joint	80
340	SP Kidney	80
341	SP Larynx	80
342	SP Lip	80
343	SP Liver	80
344	SP Lower Extremity	80
345	SP Lung	80
346	SP lymph node	80
347	SP Mandible and Maxilla	80
348	SP Mediastinum	80
349	SP Meninges	80
350	SP Muscle	80
351	SP Myocardium	80
352	SP Myometrium	80



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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
353	SP Nasal cavity and parasinus	80
354	SP Nasopharynx	80
355	SP Neck	80
356	SP Oesophagus	80
357	SP Omentum	80
358	SP Oral cavity and oropharynx	80
359	SP Ovary	80
360	SP Pancreas & ampullary region	80
361	SP Paraganglion	80
362	SP Parathyroid	80
363	SP Pelvis and sacral	80
364	SP Penis and Scrotum	80
365	SP Pericardium	80
366	SP Peritoneum	80
367	SP Placenta	80
368	SP Pleural	80
369	SP Product of conception	80
370	SP Prostate and Seminal Vesicle	80
371	SP Rectum	80
372	SP Retroperitoneum	80
373	SP Salivary gland	80
374	SP Skin	80

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
375	SP Small bowel	80
376	SP Soft tissue	80
377	SP Spleen	80
378	SP Stomach	80
379	SP Testis and testicular adnexae	80
380	SP Thymus	80
381	SP Thyroid	80
382	SP Tongue	80
383	SP Tonsil/adenoid	80
384	SP Trachea	80
385	SP Upper Extremity	80
386	SP Ureter	80
387	SP urethra	80
388	SP Urinary Bladder	80
389	SP Uterus	80
390	SP Vagina	80
391	SP Vessel	80
392	SP Vulva	80
393	Specific gravity	5
394	Specific protein CSF (eg immunoglobulin)	30
395	Spectroscopy, blood pigment	10
396	Sputum Cytology	30

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397	Sputum FEME	20
398	Stercobilinogen	5
399	Stones Analysis	62
400	Stool FEME	20
401	Sugar	5
402	Sugar by TLC	30
403	Sugar Chromatography urine	30
404	Sugar profile	30
405	Synovial Fluid Cytology	30
406	T & B cell enumeration	100
407	Test for Hemolysin	10
408	Test for platelet antibodies	170
409	Testosterone	45
410	Therapeutic Drug Monitoring (TDM)	10
411	Thiamin	30
412	Thriglycerides	40
413	Thyroid Profile	65
414	Thyroid Stimulating Hormone (TSH)	60
415	Thyroid uptake	40
416	Thyroxine 3 (T3)	60
417	Thyroxine 4 (T4)	40
418	Tissue Typing (HLA-A and B)	360

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
419	Tissue Typing (HLA-DR and DO)	360
420	Total Iron Binding Capacity (TIBC)	30
421	Total RBC	10
422	Total White and Differential Count (TWDC)	10
423	Total White Blood Cell Count (TWBC)	10
424	Transferrin	90
425	Treponema Pallidum (TPHA) Hemagglutination	30
426	Triglycerides	40
427	Urea	10
428	Urea Clearance Test	30
429	Uric Acid	20
430	Uric Acid (Urates)	20
431	Urine Antenatal	58
432	Urine concentration test (Pitressin test)	30
433	Urine Creatinine	30
434	Urine Cytology	30
435	Urine FEME	40
436	Urine Protein	30
437	Urobilin	10
438	Urobilinogen	20
439	VDRL Flocculation Test	20
440	Venereal Disease Research Laboratory (VDRL)	30

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<b>Bil.</b>	<b>Prosedur</b>	<b>[Kos Perkhidmatan (RM)]</b>
441	Vitamin A	20
442	Vitamin B12	40
443	Von Willebrand factor assay (ELIZA)	66
444	Wash RBC	100
445	Weil Felix agglutination Test	20
446	White Blood Cell	10
447	Widal agglutination Test	30
448	Widal Weil Felix	30
449	Xylose Absorption test	30