

Paper-November-2002 PLAB

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November 2002, PLAB Part-I Exam

Theme- 1 :Investigation of choice

- A. 24 hr urinary free cortisol
 - B. Serum cortisol
 - C. Serum aldosterone
 - D. U/ s abdomen
 - E. U/ s pelvic
1. A 40 year old obese woman with hirsutism and stria on abdomen presents to A E with raised B.P.
 2. A patient with a B.P of 210/100 and having hypertensive changes on fundoscopy with a raised K level and having no other abnormalities.
 3. Women with bilateral palpable kidneys presents to A E with a reaised B.P.

Theme- 2 Management of thyroid diseases.

- A. Propranolol
 - B. Carbimazole
 - C. Radio iodine
 - D. Thyroidectomy
 - E. Observation
 - F. Tyroxine
 - G. Fnac
 - H. Autoantibody
4. A female patient presents with wt loss; palpitations and diarrhea.
 5. A female patient having a previous history of asthma is now complaining of wt loss and diarrhoea
 6. A female patient has got a diffuse goiter but she is asymptomatic
 7. A patient presents with a solitary thyroid nodule about 3cm in size.

8. A woman presents with features of hypothyroidism and a tender thyroid.

Theme- 3: Ear Ache In Children

- A. Removal of foreign body with the forceps
 - B. Removal of foreign body by syringing under ga
 - C. Amoxicillin
 - D. Amoxicillin with clavulanic acid
 - E. Syringing
9. A 3 year old child presents to the A E with the complaint of ear ache. on otoscopy the external ear was found to have wax in the right ear.
10. A woman carries her 3 year old child with the complaint of severe ear ache .on examination he was having a red bulging tympanic membrane.
11. A 4 year old child was carried by her mother who says that a green bead has been introduced in to the child's ear and now complain of severe ear ache.
12. A 3 year old presents to the A E with severe ear ache .on otoscopy he was having a pink scarred tympanic membrane.

Theme- 4:Diagnosis Of Jaundice In Children

- A. Breast milk jaundice
 - B. Congenital viral infection
 - C. Sickle cell anemia
 - D. Thalassaemia trait
 - E. Hepatitis A
12. A neonate present with jaundice and straw color urine.
13. A newborn baby was having jaundice and hepatomegaly and a rash on the body.
14. A child was found to have pale stool and dark urine .
15. A child developed mild icterus while she was still breast fed by her mother.
16. A child accompanying a Sri Lankan mother was found to have an Hb of 10 gm/dl and having mild jaundice.
17. African woman presents to the A E with a jaundiced child .the baby has several previous episodes of chest and joint pains.
18. A child presents with fever and jaundice for few days .on examination he was found to have hepatomegaly.

Theme-5 ; Fever With Rash

- A. Auto antibody
- B. Blood culture
- C. L.P

19. A 15 YEAR old presents to A E with joint pains and a rash on both cheeks.
20. A 5 year old presents to A E with vomiting ; fever; and a non- blanching rash.

Theme-6; Relief Of Pain

- A. Paracetamol
- B. NSAIDS oral
- C. NSAIDS i/v
- D. Pethidine i /v
- E. Morphine

20. A 12 year old child presents with a minor bruise on the temporal region. he is otherwise normal.
21. A patient in terminal illness from a malignancy wants to have a relief of pain.

Theme-7:Paeds Diagnosis

- A. Acyclovir oral
- B. Acyclovir i v
- C. Quarantine
- D. Barrier nursing
- E. RAST

22. Women in the hospital phone to A E that one of her sons best friend is having meningo-encephalitis.
23. A child presents with chicken pox to A E but his sister has been recently sent to home after renal transplantation.
24. A child presents with wt loss ,diarrhea and endomyseal antibodies.
25. A child presents with recurrant chest infections and diarrhea.sweat test is positive.
26. A one year old presents with drowsiness and confusion prior to this he was complaining of increased thirst and wt loss. (serum blood glucose level.)
27. A child vomit after every feed and is now looking lethargic and dehydrated. The diagnoses was made on abdominal U/S.
28. A child brought to A E by her parents with sudden onset of swelling of the lips; wheeze and swelling of the palms etc.

Theme- 8; diagnosis of falls

- A. Adjust anti-hypertensives
 - B. Adjust anti-diabetics
29. Women on bendrufluazide for hypertension is now having several falls especially after . waking in the morning.
30. Women on aspirin , bendrufluazide usually found to have confusion.
31. Women on glibenclamide for a long time presents with sever confusion and is sweaty on examination. she previously was found several times to be unconscious in her home.

Theme-9: diagnosis of bleeding diathesis.

- A. PT
 - B. APTT
 - C. B.T
 - D. Factor 8 level
 - E. Factor 8 antigen
 - F. Platelets count
 - G. Platelets function
 - H. Vit k
31. A child presents to A E after several episodes of bleeding in to joints.
32. A child presents to A E with purpras. platelts count or B.T? and clotting time normal
33. A chronic alcoholic presents with mild jaundice and bleeding.
34. A 13 year old complains of mennorrhagia.

Theme-:10 Diagnosis Of Neurological Condititons

- A. Motor neuron disease
 - B. Multiple sclerosis
 - C. Cerebellar degeneration
 - D. Parkinsons
35. A woman of 40 years complains of numbness in her right leg. previously she was having episodes of visual loss with out permanent damage.
36. A man complains of dysphagia ,chocking on food and weakness of leg.
37. A man presents with tremor , nystagmus,and ataxia.

Theme- 11: Constipation

- A. Sigmoidoscopy
 - B. Stimulant laxative
 - C. Bulk laxative
38. A woman with diffuse abdominal pain alternating with bowel habits. Previously constipated and now complains of diarrhea.

Theme- 12: diagnosis of arthritis

- A. Septic arthritis
 - B. Enteropathic arthritis
 - C. Sjoggeren disease
 - D. Rheumatoid arthritis
 - E. Osteoarthritis
39. A 15 year old female with long standing bloody diarrhea and swelling of right knee.
40. A patient of 40 years with symmetrical arthritis. Shimer's test is positive.
41. A 15 year old boy with bloody diarrhea and having unilateral knee swelling.
42. A 25 year old male who is single return after a visit to India and is now complaining of swelling of right knee.

Theme- 13: diagnosis of confusion

- A. Multivitamins
 - B. Post ictal confusion
 - C. Parkinson's disease
 - D. Post natal depression
 - E. Post natal psychosis
 - F. Schizophrenia
 - G. Subdural hematoma
42. A chronic alcoholic lying unconscious in his home is now complaining of headache.
43. A chronic alcoholic presents with increasing forgetfulness despite multivitamins and not improving.
44. A man with increasing forgetfulness and slow to start walking.
45. A film maker is filling gaps in his memory. he is now frustrated that he cannot remember any thing.
46. Women with decreased mood, loss of appetite, thoughts of harming the baby.
47. A man presents to A E with the complaint that some one is taking thoughts from my head.

Theme-14: diagnosis of chest pain.

- A. CT
- B. V/Q Scan
- C. Pulmonary oedema
- D. Aspirin
- E. Cardiac enzymes
- F. Wegener's granulomatosis
- G. Streptokinase
- H. T(pa)
- I. COPD
- J. Bronchiectasis
- K. Ca bronchus

48. A businessman fly from u.s to u.k now presents with sudden onset of breathlessness and chest pain.
49. A tall man of 24 years presents with sudden chest pain radiating to left shoulder while cycling and is breatheless.
50. A women with past history of mitral stenosis and atrial fibrillation is now coughing up sputum mixed with blood and is breathless.
51. A patient presents with pain lasting for ½ an hour.he is now stable but the ECG shows Q wave in leads 2,3.and avf.
52. A patient present with chest pain radiating to left shoulder.CXR and ECG is normal.
53. A patient presents with heamaturia, proteinuria, and heamoptysis.
54. A man with chest pain still complaining of pain .ECG shows ST elevation in leads 2,3 and AVF.
55. A man with chest pain previously received streptokinase.
56. A chronic smoker presents with cough with sputum and wt loss.?
57. A man with cough, fever (39C)and decreased breath sounds.in the right lower base.

Theme- 15: diagnosis of cervical lymphadenopathy.

- A. EBV virus
- B. Mesothelioma
- C. Sarcoidosis
- D. Tuberculosis
- E. Sore throat
- F. Thyroid ca

58. A female with wt loss, night sweats and cervical lymphadenopathy which on histology shows the granulomatous inflammation.
59. A shipyard worker presents with breathlessness. CXR Shows bilateral pulmonary fibrosis and minimal pleural effusion and having supra-clavicular lymph nodes.
60. Thyroid mass which is now invading the sternomastoid and is moving upward with protrusion of the tongue.
61. A child with sore throat and cervical lymphadenopathy, rash appear after amoxicillin.

Theme- 16: diagnosis of trauma

- A. Splint the femur
- B. Take to theater
- C. Rupture of spleen
- D. Renal contusion
- E. Renal pedicle avulsion

62. A motorist with left sided trauma and with LUQ pain.
63. A motorist after having an accident is stable but becomes breathless on sitting up in bed.
64. A motorist with LUQ trauma. B.P is 90/50.
65. A motorist which has been resuscitated is stable but has got a deformed thigh.
66. A motorist after a road traffic accident received right sided trauma. However the IVU on the right side does not show any excretion of the dye.
67. A motorist after a road traffic accident has been paralysed, intubated, and ventilated with a GCS of 9 and having a deformed thigh.

Theme- 17: pre-natal diagnosis.

- A. Spina bifida
- B. Duchann muscular dystrophy
- C. Downs syndrome
- D. Edward syndrome
- E. IUD

68. The condition for which a patient needs folic acid before and after pregnancy.
69. A pregnant lady has got high HCG and a low AFP.
70. A woman in 16 weeks of pregnancy want to know about the condition of his son *in utero* for a condition which affected her last son.
71. A women with high AFP level

Theme- 18 treatment of incontinence of urine

- A. Intermittent self catheterization
- B. Incontinence pants
- C. Vaginal estrogens
- D. Pelvic floor exercises
- E. Bladder neck surgery

72. A 3 year old boy was brought by his mother. the child is occasionally urinary and feacally incontinent.
73. Child with meningo-myelocele and is incontinent.
74. A 80 year old women with mild enterocele and cystocele and has stress incontinence.

Theme- 19; scientific basis of diagnosis

- A. Spontaneous stone passer
- B. Open removal of stone
- C. No further problems
- D. Recurrent renal colic
- E. Progressive renal failure
- F. Infective
- G. Hormonal
- H. Inherited
- I. Congenital

75. A patient pass stone per urethra
76. A stag horn stone is removed by open surgery. follow up tests shows no further abnormality.
77. A patient presents with severe renal colic .he has a past history of similar episodes of colic several times.
78. A patient has a ureteric stone for some time and now have creatinine of 200 mmole
79. A patient having history of rehumatic fever, mitral stenosis, clubbing and splinter hemorrhages.
80. A patient with history of rehumatic fever and a changing murmur, splenomegaly and a new murmur.
81. A child is having bicuspid aortic valve.

Theme- 20; diagnosis of skin diseases

- A. Squamous cell carcinoma
- B. Basal cell ca
- C. Bowens disease
- D. Kerato-acanthoma
- E. Malignant melanoma
- F. Neurofibromatosis
- G. Lipoma

82. A patient presents with and ulcer having rolled edges with a central horny ball.
83. A patient presents with a Pearly shaped ulcer having rolled edges on cheek.
84. A patient presents with a lesion having different colors and having typical satellite lesions.
85. A patient presents with a raised scaly lesio n on the shin which is slowly growing .
86. A patient presents with multiple café au lait spots and subcutaneous nodules. After 16 years the lesions are increasing in no.
87. A patient presents with a slowly growing mass in the thigh .its is soft in consistency.

Theme-21 data Interpretation In Renale Failure.

- A. Captopril use
- B. Urethral catheterisation
- C. Dialysis

88. A patient who is known diabetic and hypertensive for the last decade has a blood tests ; Na=142 mmole K=6.7 mmole Urea=18 mmole Creatinine=300 mmole
89. A patient with a chronic renal failure have the following blood values. the ultra sound shows the dilated ureter and the bladder. Na= K= UREA=16 mmole CREATININE=250 mmole

Theme- 22; Diagnosis of GI conditions.

- A. Gastric ca
- B. Peptic ulcer
- C. Gastrinoma
- D. Pernicious anemia
- E. Gastric esophageal reflux disease
- F. Abdominal u/s

90. A patient with primary hyperparathyroidism presents with severe peptic ulcer which does not respond to omeprazole.
91. An obese woman with a history of indigestion especially at night.
92. A Japanese businessman is complaining of wt loss and is having a supraclavicular lymph node.
93. A patient presents with wt loss and pain which radiates to back.
94. A patient presents with a pulsatile mass in the abdomen.

Theme- 23; diagnosis of ammenorreaha

- A. Turner syndrome,
- B. Gonadotrophin levels
- C. Prolactin level
- D. TFTs

95. A girl presents with a webbed neck, cubitus valgus, and no menstruation.
96. A 10 year old whose secondary sexual characteristics are well developed is having no menstruations.
97. A woman who is breast feeding her baby has not menstruated since 18 months.
98. A patient presents with oligomenorrhea, wt gain, and constipation.

Theme-24 drugs and their effects

- A. Metoclopramide
- B. Diazepam
- C. Haloperidol
- D. No Rx required

99. A patient presents with dyskinesia, tremor, and opisthotonus.

Theme-25: management of varicose veins

- A. Injection sclerotherapy
- B. Graded compression stockings
- C. Operation for varicose veins
- D. Reduce wt

100. A female with bilateral varicose veins, lipodermatosclerosis presents with painful legs .she is using compression stockings .despite this there is an increase in itching and eczema. Her BMI is 27

101. A 75 year old underwent 2 operations for varicose veins presents with painful legs has h/ o of heart failure. on examination there are bilateral gross varicose veins, lipodermatosclerosis and no ulcers.

102. Female with BMI of 33 comes with the complaints of varicose veins and eczema

103. Man with varicose veins has to fly for 20 hrs. his father has a h/ o of pulmonary embolism after flying.

Theme-26 management of incontinence repeat

- A. Intermittent self catheterization
- B. Incontinence paints
- C. Pelvic floor exercises
- D. Desmoprisin
- E. Bladder neck surgery
- F. Vaginal estrogens

104. A 12 year old boy who is wheel chair bound with minigo-myelocele is found to have incontinence of urine.urine culture is sterile.

105. A 30 year old female is mother of 3 .cyto- urometry proves genuine stress incontinence. 14/12/2/0

106. A 80 year old female is found to have mild cystocele and mild rectocele.

107. A child is having history of occasional enuresis and occasional fecal incontinence.

Theme-27: diagnosis of gynecological diseases

- A. Endometriosis
 - B. Dermoid cyst
 - C. Ovarian ca
 - D. Tubo ovarian abscess
 - E. PID
 - F. Endometrial ca
 - G. Ectopic pregnancy
 - H. UTI
108. A 50 year old woman presents with lower abdominal mass more to the left side .USG shows solid and cystic areas and fluid in the pouch of douglas.
109. A pregnant lady is found to have a mass with complex solid and cystic echo patterns during a routine USG at 16 weeks.
110. A lady presents with history of dysmenorrhea. on examination there is tenderness in pouch of douglas .USG shows cystic lesion with numerous echogenic substances.
111. A 35 year old woman is being treated for PID and seems to be recovering .after a few days develops high temperature.USG shows a cystic mass.

Theme-28 ; diagnosis of fractures in children

- A. Fracture of the scaphoid
 - B. # shaft of radius and ulna
 - C. # shaft of the humerus
 - D. # neck of humerus
 - E. Supra-condylar fracture of humerus
 - F. Spiral fracture of the forearm
 - G. Pulled elbow
 - H. Non accidental injury
 - I. Fracture of the clavicle
- 112.a 7/7 baby cries whenever lifted. labour was difficult.
- 113.Young girl tripped while holding her mother's hand .now can't use arm at all.
- 114.Young boy fell off horse on to his hand. now c/o mild tenderness but there is no deformity on examination of the fore-arm.
- 115.Young patient fell on outstretched hand and now has absent radial pulse.
- 116.A child fell on hand .plaster cast was applied to the forearm. child makes it wet, re- examined and x ray reveals a fracture. patient gives history that previous x-ray was normal.

117. Mother carries a child and says that the baby rolled of bed and now has got multiple bruises.

Theme-29: alcohol and drug abuse

- A. Benzodiazepines
- B. Admit and benzodiazepines
- C. Methadone
- D. Naltrexone

118. Heroin addict want to quite.

119. A chronic alcoholic presents to A & E .He is accompanied by a non. Alcoholic supporter, he intend to quite alcohol.

120. A chronic alcoholic presents to A E. he is complaining of some insects crawling on his body. doubling at 3 sites.42;19;8.

Theme-30: dignosis of htn in pregnency

- A. Period of observation
- B. Immediate c/s
- C. Induction of labour
- D. I.v deazepam
- E. I.v anti hypertensive
- F. Oral diuretics
- G. Oral anti hypertensive

121. A patient in her third pregnancy presents JTH her G.P at 12 wks gestation she was mildly hypertensive in both of her pregnancies .her B.P is 150/100 .2 wks later at the hospital anti natal clinic her B.P is 150/100.

122. A 24 year old has an uneventful 1st pregnancy to 30 wks .she is then admitted as an emergency .during the ist 2 hours her Blood pressure rise from 150/105 to 170/120.kshe has 3+ protinuria.

123. At anti natal clinic visit at 38 wks a multiparous woman has a b.p of 140/90 she has no protienuria.

124. At 32 wks a 22yr old is found to have a b.p of 145/100. At her ist visit at 12 wks the was 1456//90 she no protenuria but she is found to have edema to her knees.

November 2002 Answers by Dr. Junaid

01-A	39-B	77-D	115-E
02-D	40-C	78-	116-A
03-D	41-A	79-F	117-H
04-A	42-A	80-F	118-C
05-B	*42-G	81-I	119-A
06-F	43-G	82-B	120-B
07-G	44-C	83-B	121-G
08-H	45-A	84-E	122-E
09-E	46-E	85-C	123-A
10-C	47-F	86-F	124-A
11-B	48-B	87-G	
12-C	49-L	88-A	
*12-A	50-C	89-B	
13-B	51-G	90-C	
14-F	52-E	91-E	
15-E	53-F	92-A	
16-D	54-G	93-F	
17-C	55-E/R/G?	94-F	
18-E	56-K	95-A	
19-A	57-	96-B	
20-C	58-D	97-C	
*20-A	59-C	98-D	
21-E	60-F	99-A	
22-F	61-A	100-C	
23-C	62-D	101-A	
24-G	63-	102-D	
25-H	64-C	103-B	
26-	65-A	104-A	
27-	66-E	105-E	
28-	67-A	106-B	
29-	68-A	107-D	
30-	69-C	108-C	
31-D/B	70-C	109-G	
32-	71-A	110-A	
33-A	72-B	111-D	
34-C/B	73-A	112-I	
35-B	74-B	113-G	
36-A	75-C	114-A	
37-C	76-F		
38-			