

M17

Paper (2)

Medicine Paper 2
Short Essay Questions (SEQs)
Final Professional Send Up Examination 2018
Azra Naheed Medical College, Lahore

- All questions are compulsory
- All questions carry equal marks, i.e. 05 marks each

Total Marks 45

Time allowed 02 Hours

1. A 30 years old female presented with itchy papules and plaques on the wrist and forearms. These papules were purple and polygonal. There were also some lesions in the oral cavity.

- a) What is the diagnosis? Lichen Planus (01 Mark)
 b) Enlist the nail, scalp and mucosal findings in this disease. Inflammatory scaling, atrophy, tufting of nail, white hyaline on hair, buccal cavity (02 Marks)
 c) How will you treat the patient? white hyaline on hair, buccal cavity (02 Marks)

2. A 30 years old pregnant lady in third trimester, is presenting to you in clinic with hyperactivity, decreased need for sleep, irritability, increased talkativeness and expansive ideas for last 01 month. Five years back she had one episode of depression. Her mother also had some episodic psychiatric illness. Keeping in view her history and current status, how will you manage her on BIO-PSYCHO-SOCIAL model? (05 Marks)

3. An 21 years old male is presented to Emergency department with severe diarrhea for last 02 days. He is passing around 15-20 loose watery stools per 24 hours. There is no history of blood or mucus in stools. There is also history of 04-05 episodes of vomiting and moderate grade fever. The attendants told that he says he has is passing stools but has not passed urine for last more than 12 hours. His blood pressure is 80/55 mmHg and pulse 115/minutes regular but low volume. There are signs of moderate to severe dehydration.

- a) What is the most likely diagnosis and its cause? 476 Hypo-natremia (1.5 Marks)
 b) How will you manage this patient? 476 Acute kidney injury (3.5 Marks)

4. A 46 years old female patient with longstanding uncontrolled diabetes mellitus and hypertension presents with gradually worsening dyspnea, features of gross anemia and ill health. A diagnosis of chronic renal failure is made and she is advised for dialysis.

- a) Name 04 important indications of dialysis? 493 I-D 496 I-D (02 Marks)
 b) What are the types of dialysis with differences and special features? (1.5 Marks)
 c) Name 06 important complications of dialysis. 496 I-D (1.5 Marks)

5. A 50 years old grossly obese lady presented to the medical out-patients clinic with complaints of severe pain in both knee joints, left slightly more. Pain is worst after she walks for initial few steps after which she feels slightly better. She feels extreme pain when she attempts to stand up from sitting on floors.

- a) What is the most likely diagnosis? Osteoarthritis (01 Mark)
 b) What investigations would you advice? (02 Marks)
 c) How will you treat this lady? (02 Marks)

(523 Inam) 523
1-1

Dermat

Psychiatry 276 UHS
 Destructive Nails
 Dysphagia
 nail loss

Family Rx. pif
 CBT, IPT.
 SSRI, TCA

Renal
 I/V fluids
 hypertonic saline
 con tract of source
 of Na⁺ loss.

Renal
 Hemodialysis
 and peritoneal
 dialysis

Bones

(Slide)
 Mood disorders

(476 Inam)

(493, 496 Inam)

Osteoarthritis (01 Mark)
 (02 Marks)
 (02 Marks)

Contraindicated in Renal failure

(Written on past class test)

6. What will be the effect of following conditions on the control of Type 2 Diabetes Mellitus of a middle aged man who is otherwise well controlled on diet and oral medications?

- a) Sudden deterioration of Chronic renal failure. *hypoglycemia*
- b) Acute severe Bronchial Asthma *Insulin resistance*
- c) Accidental loss of a limb *436 I.D*

Briefly discuss treatment adjustments also. He is taking tab. Glimperide 2 mg before breakfast and tablet metformin after dinner. *436 I.D* (05 Marks)

7. A 23 years old female, known patient of hyperthyroidism along with multinodular goiter presented to you in emergency with gross deterioration of her symptoms. She gave the reason that she actually is not taking her medicines for last 03 months. She has lost all the record except a one year old laboratory report of thyroid function tests showing gross hyperthyroidism. She is having palpitations with heart rate 106/minute regular, fine tremors, heat intolerance, diarrhea episodes and weight loss. *47 I.D*

- a) Mention investigations with expected findings, you would advise. (2.5 Marks)
- b) Which medicines you will start and what special instructions would you give to her (discuss treatment in detail and just enlist instructions)? (2.5 Marks)

8. A seventeen year old girl presented with 03 months history of polyarthralgias, generalized skin rash more marked on limbs and face, alopecia, weight loss, feverish feeling. Her hemoglobin is 9.5 g/dl and urine is showing proteins ++. Her Antinuclear antibodies are positive. *SLE 830*

- a) What is the most likely diagnosis? (01 Mark)
- b) Which further investigations you will advise (please be specific) and possible interpretations. (02 Marks)
- c) How you will treat this patient? (02 Marks)

9. A 20 years old male presented to the emergency department after poly trauma and blood loss through a road traffic accident. He was being transfused a pint of whole blood when he started having itching all over the body, palpitations and feeling of warmth. His blood pressure was found as 125/85 mmHg and heart rate 110 /min regular. There was generalized wheal formation and hyperemia of skin. He suddenly started complaining of breathlessness and choking sensation, his respiratory rate was noted to be 30/min along with extreme apprehension and irritability.

- a) What is the most likely diagnosis? write complete diagnosis. (01 Mark)
- b) What immediate steps of treatment? Enlist. (2.5 Marks)
- c) Enumerate other short & long term complications he may have? (1.5 Marks)

- A HIV, HepA and B.
- B Pulmonary edema
- C Air embolism
- D Thrombophlebitis
- E Iron overload
- F Volume overload
- G Urticaria
- H Anaphylactic reaction

Transfusion reaction

SLE (500 tram)

Q9 (b) stop transfusion and send again for grouping and cross matching

DM

High blood sugar levels caused by diabetes can damage the nerves and blood vessels in your body. resulting in more necrosis. Limb loss

Bones

530 tram

Blood

930 Davickon

417 tram