Q.1 A 24 years old lady presents with post burn contracture of neck.

a) What are your options for coverage after release of contracture?
b) What are the specific difficulties with neck contractures during induction of anaesthesia and how do you plan to address?
c) How will you follow up this patient?

Q.2 A 10 years old boy presented in OPD with complain of inability to open his eyes completely since birth.

a) What is your diagnosis?
b) How will you assess this patient?
c) Enumerate the reconstructive options according to severity of the condition.

Q.3 A 70 years old male was referred to you for endoscopic carpal tunnel release.

a) Give the merits and demerits of endoscopic surgery versus open surgery for carpal tunnel release.
b) Enumerate the indications for use of endoscopy in plastic surgery.

Q.4 A WAPDA line man was working on a 11000 kVa pole. He had an electric shock and was brought to emergency in unconscious state.

a) How will you do primary survey?
b) How will you manage this patient in emergency?
c) How would you protect the renal function in initial phase?

Q.5 A middle aged male presented with history of numbness and tingling in the little finger and ulnar half of ring finger of right hand, which exacerbates at night or during flexion of elbow.

a) What is your diagnosis?
b) How will you manage?
Q.6  a) What is the algorithm of nerve repair in acute open nerve injury?
    b) What are the indications for nerve allograft reconstruction and the
       mechanism of regeneration?
    c) What is the role of immunosuppression by agent FK506 in allograft
       nerve reconstruction?
    d) What is the advantage of processed acellular cadaveric nerve graft?

Q.7  A 22 years old male had plating done to his mid shaft tibia and fibular by
      orthopaedics, you have done a small SSG on calf. Two hours later you are
      called by nurse that this patient has severe pain in the same leg.

      a) What would be your initial diagnosis that may need urgent attention?
      b) After seeing the patient how will you confirm your diagnosis?
      c) If planned for surgery, mention the plan of incisions and reason for each
         incision.

Q.8  A six months old baby is brought to the OPD for consultation with a 6 cms
      x 6 cms vascular lesion on right temple, right cheek and bit on upper lid.
      The lesion is still growing rapidly.

      a) What would be your initial diagnosis and how would you confirm with
         history and examination?
      b) What would be your management plan and why?
      c) What are two main groups of vascular anomalies, giving four examples
         of each?

Q.9  A 30 year old man presents in clinic with inability to flex his right index
      finger. The patient had crush injury 3 months ago.

      a) How will you assess this patient?
      b) Give your treatment plan.
      c) What are the common contra indications for tendon reconstruction in
         such cases and what are alternate surgical solutions?
Q.10 A 42 years old patient with gangrene of big toe with no history of trauma.

   a) What is the differential diagnosis?
   b) How will you examine him?
   c) What investigation will you order?
   d) What will be the treatment plan?
Q.11 A 25 years old lady presents with severe pain in her left index finger. She also complains of cold intolerance with no history of trauma.

a) Give the most likely diagnosis.
b) What are clinicopathological features of this condition?
c) What is the most reliable diagnostic tool in this case?
d) How will you treat her?

Q.12 A seven years old boy sustained finger tip injury to his right index finger. He had exposed bone and transverse fracture of distal phalanx at mid point level.

a) Please suggest options of reconstruction of this child's finger tip and elaborate one of them.
b) Would you fix the fracture? If yes then how and why?

Q.13 A 35 years old woman comes to A&E department with chemical burns of the face and neck.

a) What is the initial management plan?
b) What determines the severity of the chemical burns?
c) Almost complete loss of both lips has occurred, what would be your plan of reconstruction with brief reasoning for each?

Q.14 a) What is craniosynostosis, please give three common examples with atleast three features of each.
b) What is Leforte osteotomy, what are its types briefly give an account of each of them?
Q.15 a) What is angiosome principle, how does it explain the delay the delay phenomenon? 
   b) What are the types of fasciocutaneous flaps, give brief anatomical details of each type?
   c) What are compound flaps and how are they subdivided?

Q.16 A 25 years old man who is embarrassed about the size of his breast comes to your clinic for your opinion and correction of deformity. There is no history of sudden increase in size of the breasts.
   a) How would you counsel the patient regarding the treatment of enlargement of breast?
   b) How do you classify the deformity with reference to type of correction of the deformity?

Q.17 A 35 years old female who had left sided mastectomy done 2 years ago underwent left sided breast reconstruction. She is satisfied with the shape and volume of her reconstructed breast. She now wishes to have the nipple areola complex reconstructed.
   a) Can you enumerate three methods of nipple areola complex reconstruction?
   b) Give the salient features of your method of choice with diagrams?

Q.18 Acellular dermal matrix has gained popularity in recent years in Plastic Surgery.
   a) What is acellular dermal matrix?
   b) What are its types?
   c) Enumerate the applications of acellular dermal matrix in Plastic Surgery.
Q.19 A 55 years old man attends your clinic for the rejuvenation of his neck ONLY.

a) What are the factors causing age related changes in the neck?
b) What options you can offer to the patient based on your findings?

Q.20 A 65 year old fair complexion lady presents with a pigmented nodular lesion of 0.5 cm on right inner canthus of 8 year duration with some bloody discharge.

a) What is the most likely diagnosis?
b) What will be your treatment plan if the upper and lower lids are spared?
c) How will you follow up?

THE END