Q.1 A 55 years old male presented with polypoidal growth in left nasal cavity. He was taking antihistamine and steroid nasal spray for this complaint. He was also complaining of blockage in his left ear. On examination he had a palpable ipsilateral lymph node at level II.

a) What is most likely diagnosis?
b) Enlist all the relevant investigations with expected findings?
c) What treatment will you offer to this patient?

Q.2 A 20 years old boy who was operated for deviated nasal septum, presented with septal haematoma on fifth post operative day. He now developed oedema of both eyelids, conjunctival chemosis and blurred vision with high grade fever.

a) What is the most likely diagnosis?
b) What further investigations will you order in this patient?
c) How will you treat this patient?

Q.3 A 6 years old boy with a previous history of recurrent sore throat, now presented with complaints of high grade fever, muffled voice, severe pain deep in throat and odynophagia. On examination, he was drooling his saliva. Respiratory rate was 38/min and pulse 120/min.

a) What is most probable diagnosis?
b) Enumerate the investigations and their purpose.
c) What is the treatment protocol of this condition?
d) What complications can occur if it is left untreated?

Q.4 What are the common causes of postoperative fever? When would you expect each to occur? Give mechanism and treatment of each.
Q.5 A 50-year-old male had rigid esophagoscopy for removal of a large meat bolus with a very sharp bone attached to it removed from mid-esophagus. On recovering from anaesthesia, the patient was observed to be dyspnœic and in obvious distress. He complained of severe chest pain radiating to the back.

a) What is the likely diagnosis?
b) How will you anticipate this complication per-operatively?
c) How will you treat this patient?

Q.6 A 20-year-old lady came to ENT OPD with the complaints of dryness of the mouth and gritty sensation in eyes for the last one year. Now she has developed pain in the multiple joints.

a) What is the most likely diagnosis?
b) Enlist relevant investigations needed in this case.
c) How will you grade this condition histologically?

Q.7 An 18-year-old boy was brought in ER, with complaints of right earache, high grade fever, headache and vomiting. He had history of right sided ear discharge for one year. On examination he had staggering gait and granulation tissues in the right ear.

a) What is your clinical diagnosis?
b) Enlist relevant investigations with expected finding in this patient.
c) How will you treat this case?
Q.8 After having a dinner party, a 38-year-old man developed sudden pain in the left ear and same side of the neck especially during swallowing. Patient took pain killer which relieved pain to some extent. His ears examination was unremarkable.

a) What is the most likely diagnosis?
b) How will you investigate the patient?
c) How will you treat this patient?
d) What complications can arise if not treated properly?

Q.9 A 45-year-old lady attended ENT OPD with a diffuse swelling of the thyroid gland with exophthalmos and raised thyroid hormone levels for last 3 months. Radioactive iodine uptake was uniformly increased.

a) What is your provisional diagnosis based upon above findings?
b) Write 3 most relevant immunological investigation required in this patient?
c) List 3 other eye signs that should be looked for in this patient?

Q.10 A 55-year-old lady presented with a 2x3 cms ulcerative lesion on the left lateral border of the tongue. She has been chewing betel nuts for the last 30 years. On examination, mobility of the tongue was normal and no neck node was palpable.

a) What is the most likely diagnosis?
b) Enumerate four differential diagnoses?
c) Enumerate investigations and their purpose required in this patient?
d) What are the treatment options in this case?