

Instructions

1. The SEQ's part is to be submitted within 2 hours, Extra time will not be given
2. Neat Hand Writing use of margin and marker for headlines will increase the presentation of your paper
3. Do not write your name or disclose your identity in anyway

1. A 15 yr boy has right knee swelling after minor trauma two months back. He has been treated symptomatically but no improvement. He has loss of appetite and weight.

Radiograph of Knee shows osteoblastic lesion with sun rays appearance.

- a. What is your diagnosis? 1.0 *Osteosarcoma*
- b. How will you proceed further to confirm your diagnosis? 2.0
- c. Name three benign musculoskeletal tumour. 2.0

2. A 40 Years old man has persistent heart burn, retrosternal chest discomfort for 2 years. He has occasional vomiting after heavy meals. He is chronic smoker. His BMI is 32. He has twice ECG done and cardiac enzymes which reported normal.

- a. What is most likely diagnosis. 1.0 *GERD*
- b. What is Differential diagnosis. 2.0
- c. How will you investigate this patient. 2.0

3. A 38 years female patient presented in opd with yellow discoloration of her sclera and severe itching all over her body for two weeks. She is known case of gall stones for 3 years.

- a. What is likely diagnosis. 1.0 *Obstructive jaundice due to cholelithiasis*
- b. What is appropriate investigation in helping diagnosis and management. 2.0
- c. Enlist different manifestations of gallstones 2.0

4. A 26 years old lady presented in emergency with severe pain right lower abdomen for 4 days. She has nausea and vomiting. On examination, Her pulse is 105/min, BP is 90/60mmHg, temperature 100°F. abdominal examination, there is fullness in RIF with tenderness. Her ultrasound reveals a mass around cecum involving small bowel loops.

- a. What is your diagnosis. 1.0 *Appendicular*
- b. Describe steps in conservative management. 2.0
- c. What would be the indications of surgical treatment in this case 2.0 *Mass*

5. A 30 years old female in her postpartum seen in opd with C/O painful defecation and bleeding per rectum after passing hard feces.

Anal Fissure P.T.O

- a. What is your diagnosis. 1.0
- b. What treatment options can be offered to the patient. 2.0
- c. Discuss surgical treatment 2.0
6. A 25 year old labourer presented in ER with severe pain in loin radiating to groin. His ultrasound reported right sided hydronephrosis and hydroureter.
- a. what is the diagnosis. 1.0 Ureteric Stone
- b. What are investigation required. 2.0
- c. Discuss briefly treatment options 2.0
7. Classify testicular Tumors. Describe investigation and treatment for seminoma of testis 2+3
8. A 19 year old girl with small nodule in front of her neck for 6 months she did ultrasound in which lump 2x3cm in the right lobe of thyroid.
- a. What is suspected diagnosis. 1.0 Thyroid adenoma
- b. How will you investigate. 3.0
- c. What is %age risk involved in solitary nodule for malignancy. 1.0
9. What is flail chest. Write down steps in management 2+3
10. A 14 years old girl presented in OPD with a swelling 2x2cm since child hood, but increased in size over last 2 years. On examination swelling is pulled upward with tongue movement.
- a. What is most likely diagnosis. 1.0 Thyroglossal cyst
- b. Discuss Differential diagnosis. 2.0
- c. How will you investigate for this swelling 2.0
11. Describe step of modified radical mastectomy for a lump in upper outer quadrant of right breast. 5.0
12. A 27 years old man involved in RTA on motorbike. Brought to ER by Rescue team 1122. His pulse 96/min, B.P 105/70 RR 28/min oxygen sat % 94 with 2L supplement O₂, swelling at left temporo-parietal area of scalp with minor laceration. There is H/O loss of consciousness before he arrived in hospital. He is drowsy and opening his eyes on painful stimuli only, showing withdrawal flexion on painful stimuli and inappropriate words. write down step in initial management. 4
- a. What is your diagnosis. 2.0 Extradural
- b. Calculate Glassgow coma scale. 9 3.0 hematoma
13. A player was hit by cricket ball on his rt side of the face while batting
- a. what different fractures are suspected in this patient and why? 2.0
- b. what are the surgical option for mandibular fractures 3.0