

**B.Sc. Allied Health Sciences Second Year (Semester-IV)**

**October 2023 Examination**

**B.Sc. Imaging Technology**

**Time: 2.30 Hrs.**

**Paper-I**

**[Max. Marks: 80]**

**Sub: Basic Radiographic and Fluoroscopy**

**Q.P Code: K4360**

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**2 x 10 = 20 Marks**

1. Write in detail about radiographic positioning of ankle and foot.
2. Write in detail about radiographic positioning of chest.

**SHORT ESSAY**

**6 x 5 = 30 Marks**

3. Write in detail about radiographic positioning of humerus.
4. Write in detail about radiographic positioning of Clavicle.
5. Write in detail about Hand bone age.
6. Write in detail about radiographic positioning of PNS.
7. Write in detail about radiation protection.
8. Write in detail about radiographic positioning of Forearm.

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

9. Patient preparation for chest radiography.
10. Write in detail about radiographic positioning of mandible.
11. Write in detail about radiographic positioning of thumb.
12. Write in detail about radiographic positioning of Hand.
13. Write in detail about radiographic positioning of leg.
14. Write in detail about radiographic positioning of lumbar spine.
15. Write in detail about radiographic positioning of Coccyx.
16. Write in detail about radiographic positioning of waters view.
17. Radiographs taken in skeletal survey.
18. Write in detail about radiographic positioning of bitewing.

**B.Sc. Allied Health Sciences Second Year (Semester-IV)**

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**Paper-III**

**[Max. Marks: 80]**

**Sub: Special procedures with contrast media reactions**

**Q.P Code: K4380**

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**2 x 10 = 20 Marks**

1. Write in detail about DSA cerebral angiography.
2. Write in detail about Hysterosalpingography (HSG)

**SHORT ESSAY**

**6 x 5 = 30 Marks**

3. Write in detail about CT guided FNCA of lung.
4. Write in detail about patient preparation for HSG.
5. Write in detail about DSA of abdominal aorta.
6. Write in detail about barium meal.
7. Write in detail about Intravenous urography (IVU)
8. Write in detail about Dacryocystography (DCG).

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

9. Write a note on fiber coils used in interventional radiology.
10. Write a note on SIM 1 catheter.
11. Write a note on guiding wire.
12. . Write a note on uses of embolic agents in interventional radiology.
13. Uses of Fluoroscopy.
14. Anatomy of heart.
15. Precautions while administering contrast.
16. Write a note on superficial venous system of lower limb.
17. Write a note on Sialography.
18. Write a note on Gastrograffin