

PAPER CODE: AHS20011

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

TELANGANA STATE, WARANGAL – 506 002

B.Sc. (Allied Health Sciences), SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS:

OCTOBER, 2025

RADIOLOGY AND IMAGING TECHNOLOGY

PAPER II

IMAGE PROCESSING TECHNIQUES & SPECIAL

RADIOGRAPHY PROCEDURES

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark Color pencil.

Write essay on any TWO of the following questions:

2 X 10 = 20

1. Explain in detail about Digital radiography
2. IVU.
3. Explain in detail about Barium enema.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Add a note on Barium swallow.
5. Add a note on Contrast media.
6. Myelogram.
7. Quality management of CR and DR systems.
8. Sialography.
9. Add a note on Dacrocystography.

Write briefly on the following:

10 X 3 = 30

10. Dry bench and wet bench.
11. Contraindications of HSG.
12. Radiation protection.
13. Image quality.
14. Automatic film processor.
15. Latent image.
16. Reactions of contrast media.
17. Fallopian tube Recanalization.
18. Emergency equipment in Radiology department.
19. Speed latitude.
