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Assignment

CR and DR

Sub to

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Date

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(1)

(21)

Ans) Digital Radiography Artifact:

Detector Image lag or

ghosting Latent image from

previous exposure present

on Current exposure

in correct electro orientation

upside down Cassette

over exposure

Dead pixel artifact

Signal dropout

Speckles radiopaque spots

We will avoid them.

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OPPO A5 2020

(2)

Ques.

Proper exposure
Proper MA and kVp

Ans

— x — x — x — x — x
Digital subtraction angiography.

Digital subtraction angiography
fluoroscopy technique used

in interventional radiology
to clearly blood vessel

soft tissue environment
image are produced using

contrast medium by
subtracting from image

since the contrast
medium has been hence

into structure the

term digital subtraction

angiography

x — x — x — x —

Q.1) Disadvantages of Digital Radiography

Digital Radiography:

Training and Learning Curve

MUST Learn machinery

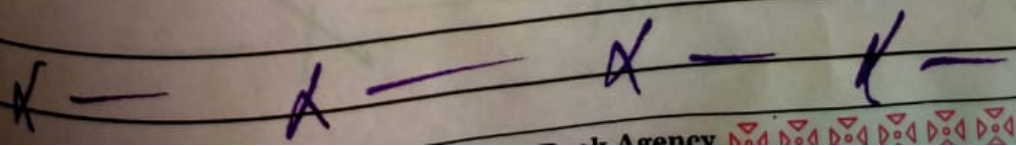
Technology still adhere to good technique.

Equipment Cost

Initial Cost is high

Compared with traditional radiography

Other technology cost associated with radiology computer etc



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Ans

(4)

Image quality of screen
film radiography and
digital radiography.
Spatial resolution is better
in digital radiography by
order of magnitudes compared
with screen film solid
state plate panel detector
provide better quality with
less scatter close with
compared screen.
The digital radiography
film image quality
radiography image quality
superior to screen
film radiography.

x — x — x —

(5)

The image receptor may

be the conventional film

screen most likely

a photo sensitive phosphor

plate. Computed radiology

charged electronic device

in digital radiography

also known as

direct the image

CR phosphor plate

Phosphor plate

α — α — α —