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Assignment Radiation Protection
Sub - to +^{maam} Atoofa Azmat
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Q NO: 1

Ans:- Department of Radiology.

(Diagnostic and interventional Radiology) Department of Radiology hosts internationally experienced doctors to provide the best quality imaging, diagnostic and treatment services in an efficient environment ensuring maximum care, patient safety for quicker recovery of the patients.

Radiation protection officer:-

is a specialist in radiation safety and compliance matters and is an appointed position within Health university

Health and Safety services.
Acting as the point of
contact within the university
for the external radiation
protection advisers (RPA).

Q NO: 2

Ans:- Radiology department

safe:-

Safety and the Radiology
department. traits of High-
reliability organizations can
help radiology departments
stay safe. Radiology, as
with other areas of
health care, does complex
work in which mistakes
can cause great harm.

The radiation protection measure.

Fundamental to radiation
protection is the avoidance
or reduction of dose using
the simple protective measures
of time, distance and shielding.
The duration of exposure
should be limited to that
necessary, the distance from
The sources of radiation

Should be maximum^{ised}, and
The source shielded wherever
possible.

Q NO:- 3

Ans:- Radiation Hazards:

Beyond certain thresholds,
radiation can impair the
functioning of tissues and/
or organ and can produce
acute effects such as skin
redness, hair loss, radiation
burns, or acute radiation
syndrome. These effects are
more severe at higher
dose and higher dose rates.

Q NO: 4

Ans:- Radiation technologist
can protect :-

Use Time
distance and shielding to
protect yourself. putting distance
and shielding b/w you and
a radiation source is an
immediately effective way of
reducing your exposure.

Reducing the time you are being exposed is another way. use a respirator or face mask if you are exposed to airborne sources.

Occupational dose:-

= Dose received by an individual in a restricted area during the course of employment in which the individual's assigned duties involve exposure to radiation.

The End:-