

Name
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Paper

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Radiation protection

①

Q1:

Effect are those
Response which increase
the severity of
An effect. The Deterministic
Effect below

- Acute Radiation Sickness
- Chronic Radiation Sickness
- Stochastic Effect

those effect which occur
when a person received
A high dose of
Radiation. These effect
have increase probability
of occurrence with increase
Dose.

← →
Q2:

(8)

Radioactivity:-

the emission of ionizing radiation of optical caused by spontaneous disintegration of atomic nuclei. they are

three types.

→ Alpha:-

these are fast moving helium atoms

→ Beta:-

Beta are also fast moving electron.

→ Gamma:-

these are photons just like light except of much higher energy

(3)

→ Non-Ionizing Radiation
The non-ionizing
Radiation are electromagnetic
Radiation that does
not carry enough per
weight to ionize
atoms or molecule
Ionize Radiation

The ionizing radiation
is the type of
Energy released by atoms
in the form of
Electromagnetic wave or
Optical. These are
High enough Ionizing
Radiation caused
Two types of Human
1. Direct tissue damage
And Cancer

(1)

Harmful Radiation:-
 Gamma rays are the most harmful external hazard. Beta particles penetrate skin causing burns, Alpha particles can not penetrate intact skin.

O₃ :- ← →

The Principal of Radiation Protection device

- Are Radiation Protection
- Radiation Apron Protection
- Apron Accessories
- Radiation Protection Goggles
- Radiation Protection Goggles

(5)

Radiation Protection Thyroid
 Radiation Shield
 Aprons Protection
 Rules.

↔

D₁ :-

These are a device which are used for measurement of all types of Radiation → alpha, Beta

D₃ (A) :-

The Principal radiation of Protection are hazard of ionizing radiation. Optimization and Dose limit. The Protection Justification

⑥

Of radiation are mainly
three kinds things
① Distance, Shielding

← End →