

### Topic: Treatment

1. A typical radiotherapy prescription induces the following items EXCEPT:

- A. The site
- B. The dose in cGy or Gy
- C. Monitor units
- D. Number of fractions

Answer:

C. A typical radiotherapy prescription includes: the site to be treated, the energy to be used (X as in 6X may represent MV photon energies and e as in 9e may represent MeV electron energies), the dose in units of cGy or Gy, and fractions to be treated. Monitor units (MU) are generally associated with the plan and not the prescription.

### Topic: Anatomy – Cranium and Facial Bones

2. The large opening in the base of the skull is called the:?

- A. Brain Stem
- B. Foramen Magnum
- C. Pons
- D. Cerebellum

Answer:

B. Foramen Magnum.

### Topic: Treatment Planning

3. What is the equivalent square (EqSq) of a rectangular field measuring 6cm by 14cm?

- A. 8.21 cm
- B. 8.40 cm
- C. 8.62 cm
- D. 8.85 cm

Answer:

B. We use the equivalent square formula to solve this problem. The general formula is  $EqSq = (2 \times (\text{Dimension 1} \times \text{Dimension 2})) / (\text{Dimension 1} + \text{Dimension 2})$ . The calculation is as follows:  $(2 \times (6\text{cm} \times 14\text{cm})) / (6\text{cm} + 14\text{cm}) = 8.40 \text{ cm}$ .