

The answers to the below questions are published in the text of this journal. There may be more than one (1) correct answer for each question. Pass mark 70%. Use the enclosed answer form. Alternatively, these questions can be answered online at <http://www.ecpdsa.co.za>. After registering as a new user, simply click on "Radiography" on the top menu bar. Select SA Radiographer journal. Click on the issue number of this journal to find the questions and follow instructions. Note that questions only are on-line so you have to read the journal to answer the questions. When you have answered the on-line questions click on "submit". Your answers will be marked immediately. There is a cost payable to ECPDSA for generation of marked results.

**Question 1**

**Select the most correct answer**

Cranio-cervical junction injuries:

- a) Are always bilateral
- b) Involve C2 and C3
- c) None of the above

**Question 2**

**Select the correct answer**

A fracture through the hypoglossal canal will cause palsy of:

- a) The right eye
- b) Both eyes
- c) None of the above

**Question 3**

**Select the correct answer**

Cranio-cervical dislocation:

- a) Is a common pathology
- b) Only occurs in geriatrics
- c) Is more prevalent in children
- d) None of the above

**Question 4**

**Select the incorrect answer**

- a) The alar ligaments are best seen on MRI scans
- b) The transverse membrane is well seen on MRI scans
- c) The tectorial membrane is well seen on MRI scans

**Question 5**

**Select the correct answer**

The fulcrum for cervical motion of:

- a) A 6 year old person is at C2-C3
- b) A 21 year old person is at C2-C3
- c) A 65 year old person is at C4-C5

**Question 6**

**Select the most appropriate answer**

The ISRRT represents:

- a) 3,000,000 technologists worldwide
- b) 30,000 technologists worldwide
- c) 300,000 technologists worldwide
- d) None of the above

**Question 7**

**Select the correct answer**

- a) A person must use binoculars to see a horopter
- b) A person must have 20/20 vision to see a horopter
- c) None of the above apply to a horopter

**Question 8**

**Select the most appropriate answer**

A stereoscope:

- a) Presents mirror images at acute angles
- b) Presents an image from two slightly different angles
- c) Presents a single elongated image

**Question 9**

**Select the correct answer**

The position of an object from, for example, a light bulb:

- a) Does not affect the size of the penumbra of the object
- b) Does not contribute to unsharpness of the object
- c) Both (a) and (b) are incorrect

**Question 10**

**Select the most appropriate answer**

The Helsinki Declaration of 2000 emphasises:

- a) The risks of CT in medicine
- b) The risks of radiation in medicine
- c) None of the above

**Question 11**

**Select the most appropriate answer**

Numerous studies state that advanced applications in CT have directly contributed to:

- a) A significant increase in breast cancers
- b) A significant increase in lung cancers
- c) A relatively high increase in liver cancers
- d) None of the above

**Question 12**

**Select the most correct answer**

Multi-detector CT imaging:

- a) Does not increase dose to patients
- b) Delivers a high radiation dose to patients
- c) None of the above

**Question 13**

**Select the suitable answer**

The most practical means of reducing radiation dose in CT imaging:

- a) Entails the use of additional filters
- b) Entails the use of compression bands
- c) Entails reducing tube current

**Question 14**

**Select the most suitable answer**

- a) Role extension does not result in additional professional accountability
- b) Role extension does result in additional professional accountability
- c) Role extension has no bearing on professional accountability

**Question 15**

**Select the correct answer**

Role extension in the United Kingdom is limited to:

- a) The *red dot* system
- b) Plain-film reporting
- c) Plain-film chest examinations
- d) All of the above are incorrect

**Question 16**

**Select the incorrect answer**

Radiologist assistants in the USA:

- a) Perform fluoroscopy examinations
- b) Provide final written reports
- c) Complete a preceptorship
- d) All of the above

**Question 17**

**Select the suitable answer**

The *red dot* system:

- a) Is widely used internationally
- b) Is totally reliable as pathologies are well seen
- c) Is operated on a voluntary basis
- d) All of the above

**Question 18**

**Select the most suitable answer**

Role extension programs for South African radiographers should succeed:

- a) If radiologists are the pivotal role-players
- b) If all role-players collaborate on an ongoing basis
- c) If higher education institutions make the main decisions
- d) Only (b) and (c)

**Question 19**

**Select the incorrect answer**

Quality assurance of clinical competence should include:

- a) Regular audits
- b) Regular workshops
- c) Regular peer reviews
- d) Only (b) and (c)

**Question 20**

**Select the most suitable answer**

The main aim of a:

- a) professional association is to protect the public
- b) statutory body is to protect the public
- c) higher education institution is to protect the public