

CPD questions

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. This is a completely free service for members and journal subscribers.

Question 1

Select incorrect statement.

Kaposi's haemangiosarcoma

- a) Is a non-malignant tumour
- b) Occurs on feet and hands
- c) Causes ulceration of the skin

Question 2

Select the most suitable answer

- a) Radiotherapy should be viewed as emergency treatment
- b) Informed consent means empowering a patient to make an informed decision
- c) A patient does not need to know about radiotherapy risks

Question 3

Select the most suitable answer

- a) A metal hip prosthesis does not influence planning treatment for prostate cancer
- b) Radiotherapy treatment to the prostate does not cause toxicity to other pelvic structures
- c) Varying the field arrangement could reduce complications during treatment of prostate cancer

Question 4

Select the incorrect answer

When conducting research

- a) Participants should be allowed time to decide to be included in the study
- b) Participants should be fully informed of aims of the study
- c) Participants are usually selected by the convenience sample method

Question 5

Select the most suitable answer

Interface echopattern refers to

- a) Patterns caused by scanning noise
- b) Echoes between the liver and kidney
- c) None of the above

Question 6

Select the most suitable answer

Interference echo-pattern can be demonstrated

- a) On inspiration scans
- b) On abdominal radiographs
- c) On expiration scans
- d) On both a and c

Question 7

Select incorrect answer

Major advantages of ultrasound include

- a) Patient can be scanned in several positions
- b) It is operator dependent
- c) Detection of free intra-abdominal air
- d) None of the above

Question 8

Select the most suitable answer

Complications of twin pregnancy include:

- a) Risk of long labour
- b) Risk of congenital abnormalities
- c) Risk of post-partum depression

Question 9

Select the most suitable answer

Fraternal twins

- a) Share an amniotic sac
- b) Have identical features
- c) Usually have congenital abnormalities
- d) None of the above

Question 10

Select the most suitable answer

Conjoined twins:

- a) Are formed three days post conception
- b) Have separate amnions
- c) Always have separate placentas
- d) None of the above
- e) All of the above

Question 11

Select the incorrect answer

Ultrasound scans for query twin pregnancy should include

- a) Checking number of placentas
- b) Checking number of gestation sacs
- c) Lie of singleton foetus

Question 12

Select the most suitable answer

During preparation of radio-pharmaceuticals a UNFORS NED dosimeter is very useful

- a) To measure gonadal dose
- b) To measure dose to the thyroid
- c) To measure finger dose
- d) None of the above

Question 13

Select the most suitable answer

According to the WHO criteria a T score of -1.3

- a) Indicates a high risk of hip fractures
- b) Indicates evidence of osteopaenia
- c) Indicates normal BMD values

Question 14

Select the most suitable answer

Osteopaenia occurs when a patient is suffering from

- a) Lack of hormones
- b) Low levels of bone minerals
- c) Lack of physical exercise
- d) None of the above

Question 15

Select the most suitable answer

Bone mineral density measurements are used to assess

- a) High fat content diets in third world countries
- b) Living conditions in specific regions in first world societies
- c) Effects of breast feeding for longer than six months
- d) None of the above

Question 16

Select the most suitable answer

- a) Osteoporotic fractures are very common in all women in the world
- b) Osteoporotic fractures only occur in hips of post menopausal women in rural regions
- c) Osteoporotic fractures are not prevalent in Black populations in urban areas
- d) None of the above

Question 17

Select the most suitable answer

- a) Numerous studies highlight that occupational activities influence risk of osteoporosis
- b) Numerous studies in their findings suggest that alcohol abuse could cause osteoporosis
- c) Numerous studies indicate that interethnic variations should be considered in analysis of BMD scores
- d) None of the above

Question 18

Select the correct answer

- a) The incidence of osteoporosis in South Africa is definitely much lower than the US
- b) The incidence of shoulder fractures in South Africa is directly related to diet and poverty
- c) The incidence of osteoporosis in South Africa is directly linked to ethnic characteristics
- d) None of the above

Question 19

Select the correct answer

BMD measurements determine treatment of

- a) Osteoporosis
- b) Osteopaenia
- c) Pathological fractures
- d) All of the above

Question 20

Select the most suitable answer

Accurate interpretation of osteoporosis requires

- a) Selection of suitable reference database
- b) Skilled radiographers
- c) Cooperative patients