



قائمة الاسئلة

التصوير الإشعاعي الثالث - قسم أشعة - كلية الطب والعلوم الصحية - العلوم الطبية التطبيقية - الفترة الثالثة - درجة الامتحان (70)

د/ زكريا جابر محمد صغير الرازحي

- 1) light-tight holder for the screen and film, which keeps them in close contact is ?
  - 1)  A cassette
  - 2)  An Intensifying screen
  - 3)  Film
- 2) the following is a Higher energy electromagnetic waves
  - 1)  x-ray and gamma rays
  - 2)  Alpha particles
  - 3)  visible light
- 3) Films which are exposed to x-rays only is ?
  - 1)  Screen-Type film
  - 2)  Direct – Exposure film
  - 3)  All above is false
- 4) part of the electromagnetic spectrum Is the following
  - 1)  Beta particles
  - 2)  Radio wave
  - 3)  X-rays
- 5) All of the following is aproperties of X Rays except ?
  - 1)  high Penetration
  - 2)  Travel in scatter lines
  - 3)  Fluorescent Effect
- 6) Film construction is the following ?
  - 1)  Base and substratum layers.
  - 2)  Emulsion layers and Supercoat layers
  - 3)  All above is true
- 7) An invisible image formed as a result of exposure to radiation is ?
  - 1)  latent imaging
  - 2)  An Intensifying screen
  - 3)  A cassette
- 8) sheet of fluorescent material that is attached the inside of an x-ray cassette
  - 1)  A cassette
  - 2)  An Intensifying screen
  - 3)  Film
- 9) All of the following isadvantages Of Screen Film except?
  - 1)  Increase contrast
  - 2)  Increase X-ray tube life
  - 3)  Increase Patient dose
- 10) after glow, the light continues to be emitted for some time even after radiation exposure has ended is ?
  - 1)  phosphorescence
  - 2)  fluorescence
  - 3)  All above is false
- 11) Screen base is made from ?
  - 1)  paper
  - 2)  cardboard
  - 3)  All above is true
- 12) thick layer, and relatively large crystals used is ?





- 1)  + Fast screens
  - 2)  - Slow screens
  - 3)  - high definition screens
- 13) a thin layer and relatively small crystals are used is ?
- 1)  - Fast screens
  - 2)  + Slow screens
  - 3)  - All above is false
- 14) All of the following is a cassette Functions except ?
- 1)  - To hold intensifying screens
  - 2)  - To maintain a close contact between the film and screens.
  - 3)  + To allow all light from entering the cassette
- 15) All of the following is features of ideal cassette except ?
- 1)  - Strong
  - 2)  - Light weight
  - 3)  + Made from paper frame
- 16) The front structure of cassette is made of ?
- 1)  + radiolucent material
  - 2)  - Radiopaque material
  - 3)  - All above is false
- 17) Used to obtain the views of mandible and maxilla is?
- 1)  - Single – screen cassette
  - 2)  + Curved cassette
  - 3)  - double – screen cassette
- 18) converts the invisible latent image into a visible image is the function of ?
- 1)  + Development
  - 2)  - Rinsing
  - 3)  - Fixing
- 19) Makes the image permanent (fixed) (no more sensitive to light) is the function of ?
- 1)  - Development
  - 2)  - Rinsing
  - 3)  + Fixing
- 20) The length of time that a film spend in each part of the automatic processer is ?
- 1)  + s 90 -
  - 2)  - s 26
  - 3)  - s 15
- 21) In automatic processerthe rollers may be made from ?
- 1)  - paper
  - 2)  + hard plastic and rubber
  - 3)  - cardboard
- 22) The purposes of replenishment are:
- 1)  - To maintain consistent developer solution activity
  - 2)  - To maintain a constant volume of developer solution.
  - 3)  + All above is true
- 23) Ionizing radiation have
- 1)  + High energy
  - 2)  - Low energy
  - 3)  - All above is false
- 24) A place room for processing the film , it should be dark is
- 1)  + Dark room





- 2) - X ray room  
3) - Operator console
- 25) The light that used in the dark room to process the films is ?  
1) - Blue light  
2) - Green light  
3)  Safelight
- 26) Is the medium that record the image of parts exposed to x ray is ?  
1)  X ray film  
2) - Operator console  
3) - A cassette
- 27) [object]All of the following is types of films ?[/object:0:0:]  
1) - Single film  
2) - Duplitized film  
3)  All above is true
- 28) The film can be differentiate according to the exposure as the following ?  
1) - Single film  
2)  Direct – exposure film and screen – type film  
3) - Duplitized film
- 29) Provide a support for the emulsion layer and transmit light is the function of ?  
1)  film Base  
2) - Emulsion layers  
3) - substratum layers.
- 30) All of the following is the desirable characteristic of film base except ?  
1) - Strong  
2) - Uniform in thickness  
3)  No flexible
- 31) Films which are exposed to light and x-ray is ?  
1) - Direct – Exposure film  
2)  Screen-Type film  
3) - All above is false
- 32) In the film construction the emulsion layers lactated between ?  
1) - Base and substratum layers.  
2)  substratum layers and Supercoat layers  
3) - All above is false
- 33) Dental film is a non –screen film ?  
1)  TRUE.  
2) - FALSE.
- 34) An Intensifying screen is the sheet of fluourescent material that is attached with a double-sided tape to the inside of an x-ray cassette ?  
1)  TRUE.  
2) - FALSE.
- 35) The light that used in the dark room to process the films is blue light ?  
1) - TRUE.  
2)  FALSE.

