

- a. The pole which causes the most rapid bubbling is the anode  
b. The pole which causes the most rapid bubbling is the cathode  
c. The bubbles consist of hydrogen gas  
d. The hydrogen ions have a positive charge
11. The minimal amount of current necessary to elicit threshold contraction of muscle is  
a. Chronaxie  
b. Rheobase  
c. Both a and b  
d. Neither a nor B
12. A positive Romberg test indicates  
a. Serology for syphilis  
b. Test for high protein in cerebrospinal fluid  
c. High leukocyte count in cerebrospinal fluid  
d. Swaying while standing with eyes closed
13. A cerebral infarction of the middle cerebral artery would probably cause all of the following symptoms EXCEPT  
a. Aphasia  
b. Ipsilateral horner's syndrome  
c. Hemianopsia  
d. Contralateral hemiplegia
14. Disorders with involuntary movements include  
a. Parkinson's disease  
b. Dystonia musculorum deformans  
c. Huntington's chorea  
d. All of the above
15. Conditions which are not progressive include  
a. Cerebral palsy  
b. Multiple sclerosis  
c. Alzheimer's disease  
d. Schilder's disease
16. Wavelength of short ultraviolet radiation is  
a. 700-1500 m $\mu$   
b. 1600-12,000 m $\mu$   
c. 0.1-3 mm  
d. 180-290 m $\mu$
17. The major portion of radiation from long infrared is absorbed in the  
a. Corium of the skin  
b. Subcutaneous layers of the skin  
c. Stratum corneum  
d. Stratum mucosum
18. The penetration of infrared radiation into skin tissue depends upon  
a. Wavelength  
b. Intensity of the source  
c. Thickness of glass in the heat lamp  
d. Wattage of the lamp
19. A natural source of infrared radiation is sunlight. Approximately what percentage of average sunlight is infrared radiation as compared to ultraviolet radiation?  
a. 40%

92. A greenstick fracture is best described as one which
- Occurs in people with recent activity
  - Results from metastatic tumor
  - Occurs frequently in children and heals rapidly
  - Results from twisting the limb
93. Congenital dysplasia of the hip is
- More common among girls than boys
  - A rare deformity in this country
  - Frequently observed in black children
  - Of low incidence in northern Italy and Japan
94. The triad of wernicke's syndrome includes all of the following EXCEPT
- Clouded consciousness
  - Ophthalmoplegia
  - Amnesia
  - Ataxia
95. Which of the following personality disorders is LESS incapacitating to the individual's adjustment?
- Inadequate personality
  - Cyclothymic personality
  - Paranoid personality
  - Compulsive personality
96. An angulated fracture of a long bone is also known as
- Oblique
  - Transverse
  - Spiral
  - Greenstick
97. In spina bifida myelomeningocele
- The hernia sac contains only cerebrospinal fluid
  - The hernia sac contains cerebrospinal fluid and spinal cord or nerve roots or both
  - There is less likely to be a neurological deficit in the lower extremities
  - The central canal of the spinal cord is greatly dilated and contains a large amount of cerebrospinal fluid
98. Hyaline cartilage is nourished through the
- Nutrient arteries of the diaphysis
  - Vessels from the periosteum
  - Joint fluid
  - Haversian canals
99. Which of the following is frequently injured as a complication of shoulder dislocation?
- Radial nerve
  - Radial artery
  - Axillary nerve
  - Axillary artery
100. The term phocomelia refers to
- A defect in which a finger of either hand is missing
  - A congenital absence of the sacrum