

يتكون هذا الاختبار من (100) سؤال موضوعي من نوع الاختيار من متعدد، الإجابة عنها إجبارية. ظلل بقلم الرصاص بشكل غامق الدائرة التي تشير إلى الإجابة الصحيحة في المكان المخصص لذلك في نموذج الإجابة المرفق.

الأمراض الباطنية والتخدير

1. **Which is not true regarding acute epiglottitis:**
 - a- Usually caused by a virus.
 - b- A serious disease of young children.
 - c- Death may occur from asphyxia.
 - d- Characterized by stridor which develops rapidly.
2. **The most serious type of pneumothorax is:**
 - a- Spontaneous pneumothorax.
 - b- Traumatic pneumothorax.
 - c- Tension pneumothorax.
 - d- Secondary pneumothorax.
3. **Which of the following provides the best indication of pulmonary functional impairment:**
 - a- Cough.
 - b- Wheezes.
 - c- Dyspnea.
 - d- Sputum.
4. **Pre-operative pulmonary risk factors include all of the following except:**
 - a- Smoking.
 - b- Obesity.
 - c- Lower abdominal surgery.
 - d- Pre-existing pulmonary disease.
5. **Predisposing factors in bronchial asthma include all of the following except:**
 - a- Exposure to cold.
 - b- Acute respiratory infections.
 - c- Exercise.
 - d- Beta agonists.
6. **Cardiac enzymes elevated in myocardial infarction include all of the following except:**
 - a- Troponin.
 - b- AST (SGOT).
 - c- Tropomyosin.
 - d- CPK-MB.
7. **Which Chest-X-ray finding indicates presence of heart failure:**
 - a- Cardiomegally.
 - b- Hyperinflation.
 - c- Wedge-shaped density.
 - d- Pneumothorax.
8. **Post-operative causes of high blood pressure include all of the following except:**
 - a- Inadequate analgesia.
 - b- Dehydration.
 - c- Bladder distention.
 - d- Increased intra-cranial pressure.
9. **Methods used to prevent hypertensive response to intubation include all of the following except:**
 - a- Ephedrine.
 - b- Beta-blockers.
 - c- I.V Lidocaine.
 - d- Deep anesthesia.

10. A thirty year old female patient has galactorrhea ,amenorrhea & infertility; which of the following hormones is expected to be elevated:
- Testosterone.
 - Growth hormone.
 - ACTH (Adreno-cortico-tropic-hormone).
 - Prolactin.
11. All of the following are features of hyperthyroidism except:
- Heat intolerance.
 - Sinus bradycardia.
 - Hyper-active reflexs.
 - Exophthalmus.
12. Which of the following hormones is secreted by the adrenal medulla:
- Aldosterone.
 - Cortisol.
 - Epinephrine.
 - Dobutamine.
13. Intraoperative glucose level should be maintained in the range of:
- 50-100 mg/dL.
 - 120-200 mg/dL.
 - 300-400 mg/dL.
 - 200-300 mg/dL.
14. A diabetic patient was noted intraoperatively to have sweating, hypertension & tachycardia, the most important step to consider is:
- Giving intravenous analgesia.
 - Giving intravenous muscle relaxant.
 - Giving intravenous sedation.
 - Giving intravenous glucose.
15. Risk factors for the development of halothane-hepatitis include all of the following except:
- Old age.
 - Female sex.
 - Obesity.
 - Second exposure to halothane within 4 weeks.
16. Which of the following hepatitis viruses has a mild course with full recovery:
- Hepatitis A virus.
 - Hepatitis B virus.
 - Hepatitis C virus.
 - Hepatitis D virus.
17. Which of the following is a safe drug in patients with renal diseases:
- Atracurium.
 - Gallamine.
 - Methoxyflurane.
 - Metocurine.
18. Which reading represents a normal pH:
- 7.00.
 - 7.40.
 - 7.20.
 - 7.60.
19. Which induction agent increases intra-cranial pressure:
- Pentothal (Sodium thiopental).
 - Diprivan (Propofol).
 - Ketamine.
 - Etomidate.
20. Which is true concerning Glasgow Coma Scale (GCS):
- The minimum score is Zero.
 - The maximum score is 15.
 - The patient is intubated if his GCS is below 10.
 - Spontaneous eye opening gets a score of 6.

علم الأدوية/تخدير

- 81. Bioavailability of a drug refers to the amount of drug that:**
- a- Is administered intramuscularly
 - b- Is administered orally
 - c- Reaches the liver
 - d- Reaches its site of action
- 82. Regarding sublingual drug administration which of the following statement is true:**
- a- Leads to lower levels compared to oral administration
 - b- Leads to rapid breakdown of the drug
 - c- Circumvents the first-pass effect
 - d- Require a much larger dose for effectiveness
- 83. How a drug affects the body is:**
- a- Pharmacokinetics
 - b- Pharmacodynamics
 - c- Pharmacotherapy
 - d- Pharmacogenomics
- 84. The action of pentothal is terminated by:**
- a- Elimination unchanged by the kidneys
 - b- Biotransformation by the liver
 - c- Being bound to protein
 - d- Redistribution
- 85. A Vial of pentothal containing (1.0g). To prepare a concentration of 2.5% the amount of fluid added should be:**
- a- 40 ml
 - b- 60 ml
 - c- 80 ml
 - d- 100ml
- 86. Which of the following intravenous agents is avoided for long term use in ICU?**
- a- Etomidate
 - b- Propofol
 - c- Pentothal
 - d- Midazolam
- 87. In hypovolemic shock the best induction agent is:**
- a- Pentothal
 - b- Ketamine
 - c- Etomidate
 - d- Propofol
- 88. The most rhythmogenic inhalational agent is:**
- a- Isoflurane
 - b- Enflurane
 - c- Halothane
 - d- Desflurane
- 89. Which of the following inhalational agents is the most potent?**
- a- Halothane
 - b- Isoflurane
 - c- Enflurane
 - d- Sevoflurane
- 90. Which of the following inhalational agents is avoided in epileptic patients?**
- a- Isoflurane
 - b- Desflurane
 - c- Sevoflurane
 - d- Enflurane
- 91. Which of the following is an opioid antagonist?**
- a- Morphine
 - b- Naloxone
 - c- Naluphine
 - d- Pentazocine

