

## Examrace

### Competitive Exams: Medical Science MCQs (Practice\_Test 66 of 135)

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1. At a heart rate of 80/minute, coronary artery blood flow is greatest
  - a. Shortly after the second heart sound is heard
  - b. Shortly after the A-V valves close
  - c. During the peak of left ventricular ejection
  - d. Immediately after the aortic valve opens
2. Which ionic currents (I) are involve in vagus-induced alteration of pacemaker potential?
  - a. INa and ICl
  - b. INa and IK
  - c. ICa and IK
  - d. ICa and INa
3. Consider the following events leading to puberty changes in males
  - a. Testestorone secretion
  - b. Release of Gonadotrophins
  - c. Release of GnRH
  - d. Maturation of hypothalamus

What is the proper sequence of these events?

- a. 3,4, 2,1
  - b. 4,3, 1,2
  - c. 4,3, 2,1
  - d. 3,4, 1,2
4. The type of inhibition seen in cerebellum is
    - a. Pre-synaptic inhibition

- b. Post-synaptic inhibition
  - c. Renshaw-cell inhibition
  - d. Fee forward inhibition
5. Sensation evoked by impulses generated in a receptor depends upon
- a. type of the stimulus
  - b. shape of the action potential
  - c. ionic component of action potential
  - d. part of the brain activated
6. Impaired microbial killing in Chediak-Higashi disease is due to
- a. Myelo peroxidase deficiency
  - b. NADH oxidase deficiency
  - c. No phagolysosom formation
  - d. G6PD deficiency
7. The cell damage in acute inflammation is mostly due to
- a. prostaglandins
  - b. leukotrienes
  - c. cytokines
  - d. nitroc oxide
8. Which one of the following tumors is not associated with Human Papilloma Virus?
- a. Burkitt's lymphoma
  - b. Cancer of cervix
  - c. Epidermodysplasia verruciformis
  - d. Papillomas on skin
9. Which among the following is the most potent carcinogen in chemical oncogenesis?
- a. Azo dyes
  - b. Nitrosamines
  - c. Polycyclic aromatic hydrocarbons
  - d. Direct acting alkylating agents
10. consider the following tumors:
- a. Colonic carcinoma

- b. Carcinoma stomach
- c. Hepatocellular carcinoma
- d. Carcinoma pancreas

Which of these produce carcinoid syndrome as a systemic manifestation?

- a. 1,2 and 4
  - b. 2 and 4
  - c. 2 and 3
  - d. 1,3 and 4
11. Disseminated Intravascular Coagulation is common in which one of the following Leukemias?
- a. Acute myelocytic leukemia
  - b. Acute promyelocytic leukemia
  - c. Chronic lymphatic leukemia
  - d. Chronic myeloid leukemia
12. Which of the following factors is involved in the pathogenesis of stable angina pectoris?
- a. Sudden spasm of coronary artery
  - b. Platelet thrombi over the atherosclerotic plaque
  - c. Rupture of atherosclerotic plaque
  - d. Chronic stenosing coronary atherosclerosis
13. Pyuria with sterile urine culture is typically seen in
- a. Renal tuberculosis
  - b. Hydronephrosis
  - c. Chronic glomerulonephritis
  - d. Chronic pyelonephritis
14. Which of the following cells react immunologically without prior sensitization?
- a. Cytotoxic T. Lymphocytes
  - b. Natural Killer cells
  - c. Langerhan's cells
  - d. Macrophages

15. Bactericidal function of eosinophils is due to

- a. Histamine
- b. Lactoferrin
- c. Major basic Protein
- d. Transferrin

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