

## Examrace

# Competitive Exams: Medical Science MCQs (Practice\_Test 59 of 135)

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1. ◦ **Assertion (A):** Tetracyclins inhibit protein synthesis.
  - **Reason (R):** Tetracyclins inhibit aminoacyl t-RNA binding to ribosomes.
    - a. Both A and R are true and R is the correct explanation of A
    - b. Both A and R are true but R is NOT the correct explanation of A
    - c. A is true but R is false
    - d. A is false but R is true
2. ◦ **Assertion (A):** Papanicolaou staining is the best method for routine cytodiagnostic studies.
  - **Reason (R):** Papanicolaou staining on air dried smear provides excellent nuclear details.
    - a. Both A and R are true and R is the correct explanation of A
    - b. Both A and R are true but R is NOT the correct explanation of A
    - c. A is true but R is false
    - d. A is false but R is true
3. ◦ **Assertion (A):** Hydatid disease of the liver is caused by the larval form of Taenia solium.
  - **Reason (R):** Hydatid disease is diagnosed by the Casoni's test.
    - a. Both A and R are true and R is the correct explanation of A
    - b. Both A and R are true but R is NOT the correct explanation of A
    - c. A is true but R is false
    - d. A is false but R is true
4. ◦ **Assertion (A):** In a child, fracture of upper femur leads to life time pain and disability.
  - **Reason (R):** Fracture of upper femur involves the epiphyseal plate.
    - a. Both A and R are true and R is the correct explanation of A

- b. Both A and R are true but R is NOT the correct explanation of A
  - c. A is true but R is false
  - d. A is false but R is true
5. ◦ **Assertion (A):** The prognosis in a patient with inflammatory carcinoma of breast is good.
- **Reason (R):** All modalities of treatment should be used in patients with inflammatory carcinoma of breast.
  - a. Both A and R are true and R is the correct explanation of A
  - b. Both A and R are true but R is NOT the correct explanation of A
  - c. A is true but R is false
  - d. A is false but R is true
6. ◦ **Assertion (A):** Amoxycilin plays an important role in treatment of peptic ulcer.
- **Reason (R):** Helicobacter pylori is the most important etiological factor in peptic ulcer disease.
  - a. Both A and R are true and R is the correct explanation of A
  - b. Both A and R are true but R is NOT the correct explanation of A
  - c. A is true but R is false
  - d. A is false but R is true
7. ◦ **Assertion (A):** Quac-Stick is a good screening tool for protein energy malnutrition in under five children.
- **Reason (R):** Quac-Stick can accurately diagnose Lathyrism even during 'No-Stick' stage.
  - a. Both A and R are true and R is the correct explanation of A
  - b. Both A and R are true but R is NOT the correct explanation of A
  - c. A is true but R is false
  - d. A is false but R is true
8. ◦ **Assertion (A):** Amoebic liver abscess is most commonly localized to posterior portion of the right lobe of liver.
- **Reason (R):** This portion of liver receives most of the blood due to streaming effect of portal vein flow.
  - a. Both A and R are true and R is the correct explanation of A

- b. Both A and R are true but R is NOT the correct explanation of A
  - c. A is true but R is false
  - d. A is false but R is true
9. ◦ **Assertion (A):** Obesity is not a type of malnutrition.
- **Reason (R):** Obesity can be diagnosed by calculating the Body Mass Index of the individual.
  - a. Both A and R are true and R is the correct explanation of A
  - b. Both A and R are true but R is NOT the correct explanation of A
  - c. A is true but R is false
  - d. A is false but R is true
10. ◦ **Assertion (A):** In advanced cardiac life support, early defibrillation is critical and should be performed without delay.
- **Reason (R):** Early defibrillation rectifies ventricular fibrillation and pulseless ventricular tachycardia to normal cardiac rhythm, as they form the most common cause of cardiac arrest.
  - a. Both A and R are true and R is the correct explanation of A
  - b. Both A and R are true but R is NOT the correct explanation of A
  - c. A is true but R is false
  - d. A is false but R is true
11. Consider the following statements: The parafollicular cells of the thyroid gland
- a. secrete Calcitonin which suppresses the calcium level
  - b. have polyhedral cells lining the luminal surface of the follicular cells.
  - c. belong the 'APUD' system
  - d. induce bone formation by osteoblasts

Which of these statements are correct?

- a. 1, 2, 3 and 4
- b. 1 and 4
- c. 2 and 3
- d. 1 and 3

12. Right suprarenal vein ends in
- Right renal vein
  - Inferior vena cava
  - Azygos vein
  - Hemi Azygos vein
13. Maturation of the lungs is divided into four periods. Which one of the following pairs is correctly matched?
- Pseudoglandular period—5 to 17 weeks
  - Terminal sac period—16 to 25 weeks
  - Alveolar period—24 weeks to birth
  - Canalicular period—Late fetal period to childhood
14. Which of the following statements is not true regarding the ear ossicles?
- Malleus is laterally placed
  - Stapes is of adult size at birth
  - Incudomalleolar joint is a saddle joint
  - Incus develops from second pharyngeal arch
15. Consider the following statements associated with the intra pulmonary bronchi:
- They are lined by pseudo stratified columnar ciliated epithelium
  - Irregular plates of hyaline cartilage support their walls
  - Smooth muscle fibres are found in their lamina propria

Which of the above statements are correct?

- 1, 2 and 3
- 1 and 2
- 1 and 3
- 2 and 3