

## Examrace

### Competitive Exams: Medical Science MCQs (Practice\_Test 98 of 135)

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1. Consider the following statements regarding bowel preparation for patients undergoing colonic surgery:
  - a. It is not necessary in the case of patients undergoing right hemicolectomy
  - b. Mechanical cleansing of the bowel is not important after the advent of the new generation of broad spectrum antibiotics
  - c. Rapid bowel preparation may be done using polyethylene glycol electrolyte solution.
  - d. On table wash out of the colon is recommended in emergencies after the abdomen has been opened.

Of these statements

- a. 1,2, 3 and 4 are correct
  - b. 2 and 3 are correct
  - c. 1 and 4 are correct
  - d. 1,3 and 4 are correct
2. A 42-year old woman presents with metastatic breast 9 cancer in the vertebra, ileum and ribs five years after she had undergone radical mastectomy. The most appropriate initial treatment for her would be
    - a. Administration of oestrogens
    - b. Administration of androgens
    - c. Oophorectomy and androgens
    - d. Adrenalectomy
  3. A 50-year old female presents with a fungating carcinoma of the breast 8 cm in diameter. Mobile 1 cm diameter nodes are palpable in the ipsilateral axilla. Chest Xray and bone scan are normal. The treatment of choice for her would be
    - a. Simple mastectomy with axillary clearance and post operative chemotherapy

- b. Simple mastectomy with axillary node sampling and post-operative radiotherapy; chemotherapy if nodes are positive
- c. Radiotherapy to breast and excision of axillary nodes
- d. Radical mastectomy and chemotherapy
4. The most common cause of neonatal intestinal obstruction is
- a. Meconium ileus
- b. Congenital bands
- c. Malrotation
- d. Ileal atresia
5. Which one of the following is the most important diagnostic physical sign of pneumothorax?
- a. Resonant note on percussion with absent or decreased breath sounds
- b. Decreased vocal fremitus
- c. Making of heart sounds
- d. Decreased respiratory movement of chest on effected side.
6. ◦ **Assertion (A)** : Spinal cord injuries following dislocation of cervical spin arc often partial or absent.
- **Reason (R)** : The size of the neural canal in the cervical region is large in relation to the cord.
- 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 a correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
7. ◦ **Assertion (A)** : Barium should never be administered orally to a patient with suspected colonic obstruction.
- **Reason (R)** : Barium sulphate gets inspissated in the large bond and aggravates the obstruction.
- 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 a correct explanation of A
- c. A is true but R is false
- d. A is false but R is true

8. ◦ **Assertion (A)** : The distal fragment of bone in supracondylar fractures of the femur is the flexed.
- **Reason (R)** : The attachment of the gastrocnemius muscle is responsible for the flexing.
- 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 a correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
9. ◦ **Assertion (A)** : The stomach is supplied by the branches of the coeliac trunk,
- **Reason (R)** : The coeliac trunk is the first unpaired branch of the abdominal aorta.
- 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 a correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
10. ◦ **Assertion (A)** : Cilia are present even after goblet cells and glands disappear from the walls of the bronchioles.
- **Reason (R)** : Such an arrangement of the cilia in relation to the mucus producing elements prevents accumulations of mucus in the bronchioles
- 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 a correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
11. ◦ **Assertion (A)** : In the proximal convoluted tubule, the pH of the tubular fluid falls only slightly.
- **Reason (R)** : Little H<sup>+</sup> secretion occurs in the proximal convoluted tubule.
- 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 a correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
12. ◦ **Assertion (A)** : Cerebellum coordinates the activity of ipsilateral limb muscles.

- **Reason (R)** : Cerebellum has direct efferent connections with the motor neurons of ipsilateral limb muscles.
  - 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 a correct explanation of A
  - c. A is true but R is false
  - d. A is false but R is true
- 13. ○ **Assertion (A)** : Disease of basal ganglia increases muscle tone.
  - **Reason (R)** : Basal ganglia inhibit facilitatory reticular formation.
    - 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 a correct explanation of A
    - c. A is true but R is false
    - d. A is false but R is true
- 14. ○ **Assertion (A)** : Protein-energy malnutrition is more common among children (0 to 6 years) than among adults.
  - **Reason (R)** : Children require proportionately more protein per kg body weight.
    - 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 a correct explanation of A
    - c. A is true but R is false
    - d. A is false but R is true
- 15. ○ **Assertion (A)** : Growth rate of population in India is quite high.
  - **Reason (R)** : Rapid advances in health care systems have been effective in reducing the Crude Death Rate in India.
    - 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 a correct explanation of A
    - c. A is true but R is false
    - d. A is false but R is true