

Model Question Paper for UPPGMEE 2010

This model question paper is only indicative. The questions have not been checked nor validated.

SECTION I

For the following questions there is only one correct option or best response out of four given alternatives

(Note: Each question carries 4 marks for correct response. One mark will be deducted for each incorrect answer. No mark will be awarded if a question is left unanswered)

- Q.1 Which cranial nerve decussate in superior medullary velum?
- Optic
 - Oculomotor
 - Trochlear
 - Trigeminal
- Q. 2 All of the following structures are related to the medial surface of the right lung except
- Superior Vena Cava
 - Oesophagus
 - Thoracic Duct
 - Trachea
- Q. 3 Which of the following muscle is supplied by the obturator nerve?
- Sartorius
 - Biceps Femoris
 - Semitendinosus
 - Gracilis
- Q. 4 Therapeutic drug monitoring is done for all of the following except
- Tacrolimus
 - Metformin
 - Cyclosporine
 - Phenytoin
- Q. 5 First pass metabolism is present in all except
- Lignocaine
 - Salbutamol
 - Propranalol
 - Erythromycin

- Q. 6 Which of the following drugs is useful in the diagnosis of Myasthenia gravis
- Edrophonium
 - Neostigmine
 - Succinyl choline
 - Atropine
- Q. 7 The following statement about keloid is true
- They do not extend to normal skin
 - Local recurrence is common after excision
 - They often undergo malignant change
 - They are more common in white than in black people
- Q. 8 IV fluid requirement/replacement in a trauma patient is determined by
- Urine output
 - Chest condition
 - CVP
 - Blood Pressure
- Q. 9 When do we have to start antibiotics to prevent post-operative infection in “Elective Clean Surgery”
- Two days before surgery
 - After surgery
 - One week before surgery
 - One hour before surgery and continue after surgery

SECTION II

For the following questions there is only one correct answer or best response out of five given alternatives.

(Note: Each question carries 4 marks for correct response. One mark will be deducted for each incorrect answer. No mark will be awarded if a question is left unanswered)

- Q.10 The Sensory Nerve supply of Larynx down to vocal cord is by
- Facial Nerve
 - External Laryngeal Nerve
 - Internal Laryngeal Nerve
 - Recurrent Laryngeal Nerve
 - Glossopharyngeal Nerve

Q.11 Which of the following syndrome is characterized by Hypoplasia of Thoracic chest wall muscles and Ipsilateral Hypoplasia of the arm and Hand?

- a. Horner's Syndrome
- b. Poland Syndrome
- c. Holland Syndrome
- d. Reynold's Syndrome
- e. Wallenberg Syndrome

Q.12 In Adult females, the External diameter of Trachea is:

- a. 1.5 cm
- b. 2 cm
- c. 2.5 cm
- d. 3 cm
- e. 3.5 cm

Q.13 Regarding cancers or malignant tumors of the body the following is true:

- a. Cancers are product of germ line mutation only and not somatic (acquired) mutation
- b. A sub-population of self renewing cells having lost power of apoptosis
- c. Incidence per lac population is more in India than USA
- d. Infectious agent – virus, bacteria and parasite do not cause cancer
- e. Lead time bias in screening simply means detecting slow growing and less aggressive cancer more commonly

Q.14 Regarding Breast Cancer the following is true:

- a. Majority of abnormal mammogram detected in population based screening turn out to be carcinoma breast
- b. Breast cancer in majority of patients down the years become a bilateral disease
- c. Best survival is achieved by singular use of radical surgery involving complete mastectomy and en-block lymph node removal
- d. Ductal carcinoma is the commonest malignancy in breast
- e. Ductal carcinoma in-situ if untreated will always become bilateral breast cancer

Q.15 Loading dose of a drug depends on

- a. Drug concentration to be achieved
- b. Volume of distribution
- c. Clearance of drug
- d. Bioavailability of drug
- e. Route of administration

- Q.16 All of the following antimicrobials are bactericidal except
- cephalexin
 - Roxithromycin
 - Isoniazid
 - Rifampicin
 - Streptomycin
- Q. 17 Which of the following drugs act as HMG-CoA reductase inhibitor
- Gemfibrozil
 - Clofilrate
 - Lovastatin
 - Prulucol
 - Metformin

SECTION III

For the following questions there are two options which are correct or best response out of five given alternatives.

(Note : Each question carries 4 marks for correct response. One mark will be deducted for each incorrect answer. No mark will be awarded if a question is left unanswered)

- Q.18 The Muscles that close the mouth are
- Temporalis
 - Buccinator
 - Medial Pterygoid
 - Lateral Pterygoid
 - Posterior belly of Digastric
- Q.19 The Urogenital Diaphragm is formed by the following structures except
- Perineal Membrane
 - Deep Transverse perenei Muscle
 - Superficial Transverse perenei Muscle
 - Sphincter Urethrae
 - Colle's Fascia

Q.20 Which of the following statements about the right Principal Bronchus are true?

- a. It is 2.5 cm long
- b. It is 5 cm long
- c. The Azygos vein arches over it
- d. It is narrower than left Principal Bronchus
- e. It is more oblique than left Principal Bronchus

Q.21 Regarding Breast Cancer the following are true:

- a. Commonly arises from breast stromal cells
- b. Li-Fraumeni syndrome or inherited mutation in p 53 tumor suppressor gene is associated with higher incidence of breast carcinoma
- c. BRCA-1 tumor suppressor gene at chromosomal locus 17q21 is associated with majority cases of breast cancer
- d. Epidermal growth factor receptor super family gene called erbB2 (HER-2, neu) is over expressed in some cases of breast cancer
- a. Only germ line mutation and no somatic mutation (acquired) is responsible for breast carcinoma

Q.22 Regarding Breast Cancer Screening the following are true:

- a. Breast cancer screening is a strategy for primordial and primary prevention of breast carcinoma
- b. Population based breast cancer screening has already shown improved survival rates, down-staging of the disease and higher number of in-situ carcinoma
- c. Breast cancer screening in population is done only for those who have a high risk for developing breast carcinoma
- d. Breast cancer screening is performed on both breasts by X-ray mammography
- e. Breast cancer screening will be more effective if done through CT Scan

Q.23 Reduced inflammation in airway is produced by

- a. Fluticasone
- b. Budesonide
- c. Theophylline
- d. Salbutamol
- e. Ipratropium

Q.24 True about Lispro-Insulin

- a. Action is faster and short than regular insulin
- b. Given 15 minutes prior to meal
- c. Source is from Lamb
- d. Action faster and long induration than regular insulin
- e. Usually given orally

- Q.25 Phenothiazines are useful in
- Depression
 - Organic brain syndrome
 - Schizophrenia
 - Grandmal epilepsy
 - Parkinsonism

SECTION IV

Note:-Read the paragraph below and answer the questions given there after. Each question carries 4 marks for correct response. One mark will be deducted for each incorrect answer. No mark will be given if a question is not attempted.

A 17 year old boy was involved in a street fight in which he was injured with a knife. He was quickly hospitalized. On examination he had a bleeding stab wound in his left flank and his blood pressure was low. Clinical examination revealed a distended abdomen and ultrasonographic examination revealed blood/fluid in the abdominal cavity. There was blood in urine examination too. Based on the above clinical condition and findings answer the following.

- Q.26 Which of the following organs is injured?
- Stomach.
 - Spleen.
 - Left Kidney.
 - Descending colon.
- Q.27 The location of the affected organ is
- Extraperitoneal.
 - Intraperitoneal.
 - Interparietal.
 - Retroperitoneal.
- Q.28 The fascia surrounding the affected organ continues with
- Fascia transversalis.
 - Lieno renal ligament.
 - Gastro splenic ligament.
 - Endothoracic fascia.
- Q.29 The suggested levels of CT Scan in transverse section should be
- T-12 to L-3
 - T-11 to L-4
 - T-9 to L-2
 - L-1 to L-5

Key

Section I

1. c
2. c
3. d
4. b
5. d
6. a
7. b
8. a
9. d

Section II

10. c
11. b
12. a
13. b
14. d
15. c
16. b
17. c

Section III

18. a, d
19. c, e
20. a, c
21. b, d
22. b, d
23. a, b
24. a, b
25. b, c

Section IV

26. c
27. d
28. a
29. b