

NEET PG 2021 Memory Based Question Paper

Q1. True about the structure of the protein:

- A. Secondary and tertiary structure depends on amino acid sequence
- B. Primary structure depends on lipid composition
- C. Quaternary structure is present in all proteins
- D. Denaturation alters primary sequence structure

Q2. No synthesized:

- A. Lysine
- B. Arginine
- C. Glycine
- D. Alanine

Q3. Injury to the posterior part of superior temporal gyrus:

- A. Broca's Aphasia
- B. Global Aphasia
- C. Fluent Aphasia
- D. Anomic Aphasia

Q4. Tocilizumab MoA against?

- A. TNF-alpha
- B. IL-1
- C. IL-17
- D. IL-6

Q5. MoA of Methotrexate:

- A. Inhibits Thymidylate Synthase
- B. Inhibits DHFR
- C. Inhibits Ribonucleotide Reductase
- D. Inhibits DNA Polymerase

Q6. Inferior frontal Gyrus lesion:

- A. Broca's / motor Aphasia
- B. Wernicke's Aphasia
- C. Conduction Aphasia
- D. Transcortical Sensory Aphasia

Q7. Frostbite rewarming:

- A. 25-30 celsius
- B. 37-43 celsius
- C. 45-50 celsius
- D. 15-20 celsius

Q8. A hypertensive woman who wants to conceive. Which medicine needs to be stopped?

- A. Methyldopa
- B. Labetalol
- C. ACEI (Angiotensin-converting enzyme inhibitors)
- D. Nifedipine

Q9. GPCR second messenger acts via the following?

- A. Phospholipase C
- B. Adenylate Cyclase for Beta 2
- C. cGMP Phosphodiesterase
- D. Tyrosine Kinase

Q10. History of pastry ingestion, followed by vomiting?

- A. Bacillus cereus
- B. Clostridium perfringens
- C. Staph Aureus
- D. Salmonella enteritidis

Q11. ATTs inhibiting OCPs:

- A. Isoniazid
- B. Rifampicin
- C. Ethambutol
- D. Pyrazinamide

Q12. VIT K dependent clotting factor:

- A. Factor 2
- B. Factor 8
- C. Factor 11
- D. Factor 12

Q13. Safest Antihypertensive in End-stage renal disease?

- A. Aliskiren
- B. Enalapril
- C. Ramipril
- D. Telmisartan

Q14. Post mastectomy swelling of upper limb?

- A. Deep Vein Thrombosis
- B. Lymphedema
- C. Cellulitis
- D. Arteriovenous Fistula

Q15. Repair did for Direct Inguinal Hernia (Medial to Inferior Epigastric Artery):

- A. Shouldice repair
- B. Bassini repair
- C. Lichtenstein
- D. McVay repair

Q16. Patient was on Digoxin therapy and suddenly developed Atrial fibrillation. Which of the following drug is responsible for that:

- A. Amoxicillin

B. Clarithromycin

C. Metformin

D. Atorvastatin

Q17. Snowman appearance is seen in?

A. Tetralogy of Fallot

B. TAPVC – Total anomalous pulmonary venous connection

C. Transposition of Great Arteries

D. Coarctation of Aorta

Q18. Water Hammer Pulse:

A. Aortic Stenosis

B. Mitral Stenosis

C. AR

D. Mitral Regurgitation

Q19. Cortisol and ACTH is highest in:

A. Midnight

B. After waking up

C. Late afternoon

D. Just before sleeping

Q20. Identical twin transplant:

A. Autograft

B. Allograft

C. Xenograft

D. Isograft

Q21. Tyrosine Kinase action:

A. Insulin

B. Glucagon

C. Epinephrine

D. Thyroxine

Q22. Active in insulin depleted state:

A. Glycogen synthase

B. Glucose 6 phosphate

C. Acetyl-CoA Carboxylase

D. Fatty acid synthase

Q23. Patient with complaints of dryness & gritty sensation and corneal softening. What is the deficiency that is being referred to here?

A. Vitamin A deficiency (Retinoic acid deficiency)

B. Vitamin C deficiency

C. Vitamin E deficiency

D. Vitamin B12 deficiency

Q24. Patient with contact lens since 2 years and the image showing the papillary changes on the everted lid?

A. Vernal Keratoconjunctivitis

B. Trachoma

C. Giant Papillary Conjunctivitis

D. Phlyctenular Conjunctivitis

Q25. Which enzyme is responsible for black urine?

A. Phenylalanine Hydroxylase

B. Homogentisate Dehydrogenase

C. Tyrosinase

D. Branched-chain alpha-ketoacid dehydrogenase

Q26. Alternative for a patient who does not want to use specs for myopic astigmatism:

A. ICL

- B. Orthokeratology
- C. Scleral buckling
- D. Cataract extraction

Q27. Chemical used for blood spill dysfunction?

- A. 70% Isopropyl Alcohol
- B. Sodium hypochlorite
- C. Formaldehyde
- D. Glutaraldehyde

Q28. Which of the following amino acids need to be supplemented through diet who has a deficiency of Cystathionine beta-synthase?

- A. Methionine
- B. Homocysteine
- C. Cysteine
- D. Valine

Q29. Patient had dinner at 8 pm. He then did a blood sugar test at 7 am. A major source of glucose is:

- A. Dietary glucose absorption
- B. Liver glycogen
- C. Muscle glycogenolysis
- D. Adipose tissue lipolysis

Q30. Corneal Transparency maintained by which of the following gag?

- A. Chondroitin Sulphate
- B. Hyaluronic acid
- C. Keratin Sulphate
- D. Heparan Sulphate

Q31. Patient with vomiting, treated with anti-emetics. The patient was relieved and then, later developed abnormal movements. What to prescribe?

- A. Levodopa
- B. Benzhexol
- C. Haloperidol
- D. Metoclopramide

Q32. In case of measles, what type of virus is involved?

- A. Double-stranded DNA
- B. Single-stranded RNA
- C. Single-stranded DNA
- D. Double-stranded RNA

Q33. Blunt ends with no nuclei?

- A. Wuchereria bancrofti
- B. Brugia malayi
- C. Onchocerca volvulus
- D. Loa loa

Q34. Outbreak of buboes in a community?

- A. Ixodes tick
- B. Xenopsylla (Rat flea)
- C. Anopheles mosquito
- D. Pediculus humanus

Q35. Mismatch repair defect?

- A. FAP (Familial Adenomatous Polyposis)
- B. HNPCC (Hereditary nonpolyposis colorectal cancer)
- C. Li-Fraumeni Syndrome
- D. Von Hippel-Lindau disease

Q36. Chronic alcoholic patient with increasing abdominal girth and history of reddish inclusions in liver biopsy. Content of inclusion?

- A. Microtubules

- B. Microfilaments
- C. Intermediate Filaments
- D. Lipofuscin granules

