

# CHEAPEST PMT ONLINE TEST SERIES

AIIMS/NEET TOPPER PREPARE QUESTIONS



AUTHENTIC  
QUESTIONS

COMPLETE  
ANALYSIS



SYLLABUS  
CHAPTERWISE

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## Human Physiology Unit - Test Class

11th Thursday, March 30, 2017

1. What is the dental formula of teeth in 5 years old child?

- |                         |                         |                         |                         |
|-------------------------|-------------------------|-------------------------|-------------------------|
| (A) $\frac{2123}{2123}$ | (B) $\frac{2103}{2103}$ | (C) $\frac{2003}{2003}$ | (D) $\frac{2120}{2120}$ |
|-------------------------|-------------------------|-------------------------|-------------------------|

2. How pepsin is differing from trypsin?

- (A) It digests protein in acidic medium
- (B) It digests protein in alkaline medium
- (C) It digests carbohydrate in acidic medium
- (D) It digests carbohydrate in alkaline medium

3. Enterokinase takes part in the conversion of what?

- (A) Pepsinogen into pepsin
- (B) Trypsinogen into trypsin
- (C) Protein into polypeptide
- (D) Caseinogens into casein

4. The number of teeth that grow once in the human life is

- (A) 4
- (B) 12
- (C) 20
- (D) 28

5. Crown of teeth is covered by

- (A) Dentin
- (B) Enamel
- (C) A and B both
- (D) None of these

6. The trachea is supported by, cartilaginous rings, which are.....shaped

- (a) C
- (b) L
- (c) O
- (d) S

7. Flattening of alveolar ducts (tracheal vessels) results in

- (a) Asthma
- (b) Emphysema
- (c) Lung cancer
- (d) Bronchitis.

8. In which disease lung tissues degenerate?

- (a) Bronchitis
- (b) Pneumonia
- (c) Asthma
- (d) Emphysema.

9. AIDS patients are susceptible to this respiratory disease

- (a) Pneumonia
- (b) Fibrosis
- (c) Emphysema
- (d) Asthma

**10. After entering RBC, Cl reacts with.....**

- (a)  $K^+$  (b)  $KHCO_3$  (c) HHb (d)  $KHbO_2$

**11. Hamburger's phenomenon is also known as**

- (a)  $HCO_3^-$  shift (b)  $Na^+$  shift (c)  $H^+$  shift (d) Chloride shift

**12. In expiration, diaphragm becomes**

- (a) Flattened (b) Relaxed (c) Straightened (d) Arched

**13. Maximum amount 70-75% of carbon dioxide transport occurs as**

- (a) Dissolved in plasma (b) Carbamino haemoglobin complex (c) Bicarbonate (d) None of the above

**14. In carbon monoxide poisoning there is**

- (a) Increase in carbon dioxide concentration  
(b) Decrease in oxygen availability  
(c) Decrease in free haemoglobin  
(d) None of the above

**15. Hiccough (hiccup) is due to activity of**

- (a) Intercostals muscles (b) Food in air tract  
(c) Diaphragm (d) inadequate oxygen in environment

**16. In mammals the opening of post canal in the right auricle is guarded by**

- (a) Mitral valve (b) Thebesius valve  
(c) Eustachian valve (d) tricuspid valve

**17. The heart murmur of heart is due to**

- (a) Coronary thrombosis (b) Defective leady valve  
(c) Arterial pulse (d) under developed atrium

**18. Three important proteins present in blood are**

- (a) Collagen, albumin, fibrinogen (b) Albumin, globulin, Actin  
(c) Globulin, albumin, collagen (d) Albumin, globulin, fibrinogen

**19. It converts fibrinogen into soluble fibrin**

- (a) Thromboplastin (b) Thrombin (c) Prothrombin (d)  $Ca^{2+}$

**20. Diastole of ventricles is**

- (a) 0.30 sec (b) 0.40 sec (c) 0.70 sec (d) 0.10 sec

**21. Effect of Nicotine on blood circulation**

- (a) it mixes with blood  
(b) it contracts the arterial wall  
(c) it decrease the blood pressure  
(d) it decrease the carrying of oxygen to lungs

**22. Leucopenia is the condition where**

- (a) Leukocytes decrease below 5000 per cubic mm of blood
- (b) Bone marrow is destroyed
- (c) Total number of lymphocytes decrease from 2 % to 5 %
- (d) Leucocytes increase above 6000 per cubic mm

**23. Pulse pressure is**

- (a) Diastolic pressure
- (b) Systolic pressure
- (b) Difference between b and a
- (d) Pressure in great veins

**24. Valves which allow blood from ventricles into arteries and not in opposite direction are**

- (a) Aortic valve and mitral valve
- (b) AV valves and semilunar valves
- (b) Bicuspid and tricuspid valves
- (d) Semilunar valves and tricuspid valve

**25. Purkinje's fibres are special types of**

- (a) Muscle fibres located in heart
- (b) Nerve fibres located in cerebrum
- (c) Connective tissue fibers joining one bone to another bone
- (d) Sensory fibers extending from retina into optic nerve

**26. Serotonin in the blood**

- (a) Relaxes blood vessels
- (b) Prevents clotting of the blood
- (b) Helps in clotting of blood
- (d) Constricts blood vessels

**27. Hepatic portal system starts from**

- (a) Digestive system to liver
- (b) Kidney to liver
- (b) Liver to heart
- (d) Liver to Kidney

**28. "Columns of Bertini" is the kidney of mammals is found as the extension of**

- (a) Medulla into cortex
- (b) Cortex into medulla
- (b) (c) Medulla into pelvis
- (d) Pelvis into ureter

**29. Green glands are excretory in function which are found in**

- (a) Spiders
- (b) Moth
- (c) Scorpions
- (d) Prawn

**30. ADH influences water permeability in the**

- (a) Regulation of blood pressure
- (b) Removal of urea
- (b) Regulation of acidity of fluids
- (d) secretion of antibiotics

**31. Proboscis gland is Balanoglossus is associated with**

- (a) Digestion
- (b) Excretion
- (c) Circulation
- (d) Respiration

**32. Diabetes insipidus is due to**

- (a) Hyposecretion of vasopressin
- (b) Hyposecretion of insulin
- (b) Hyposecretion insulin
- (d) Hyposecretion vasopressin

- 33. Transamination process takes place in**  
(a) Liver (b) Kidney (c) Heart (d) All of above
- 34. It is activated us he change of blood volume and volume of body fluid**  
(a) Medulla oblongata (b) Osmoreceptors (c) Aorta (d) Renal vein
- 35. Blood which leaves liver and passes towards heart has higher concentration of**  
(a) Bile (b) Oxygen (c) RBCs (d) Urea
- 36. A person who is on a long hunger strike and is surviving only on water will have**  
(a) Less amino acids in his urine (b) More glucose in this blood  
(b) Less urea in his urine (d) More sodium in his urine
- 37. RAAS secretes which of the following hormones?**  
(a) Mineral corticoids (b) Glucocorticoid (c) Both A and B (d) None of these
- 38. What percent of the total body weight of adult humans is made up of muscle?**  
(a) 40 - 50 % (b) 30 - 40 % (c) 60 - 70 % (d) 45 - 55 %
- 39. Which muscle does not fatigue and possesses abundant blood supply during life span?**  
(a) Striated muscle (b) Non Striated muscle (c) Skeleton muscle (d) a and b both
- 40. By which name's isotropic and anisotropic band respectively known?**  
(a) I - band, A - band (b) I - band, Intercalated-disc  
(b) A - band, Z - band (d) H - band, Z - band
- 41. Which band is called Krause membrane?**  
(a) A (b) Z (c) I (d) H
- 42. Which chemical is responsible to make skeleton muscle fatigue?**  
(a) Lactic acid (b) Pyruvic acid (c) Ethyl alcohol (d) Acetaldehyde
- 43. What is the formula of human vertebrae?**  
(a) C7T12L5S5C4 (b) C2T10L4S5C4 (c) C7T12L4S4C5 (d) C6T11L7S5C4
- 44. What are the number of tarsal and metatarsal respectively in each limb of human?**  
(a) 5, 7 (b) 7, 5 (c) 8, 3 (d) 5, 14
- 45. Which is the functional unit of voluntary muscles?**  
(a) H-band (b) A-band (c) I-band (d) Sarcomere
- 46. Number of floating ribs in human body is:**  
(a) 6 pairs (b) 5 pairs (c) 3 pairs (d) 2 pairs

**47. Ratio of which is more in red muscle?**

- (a) Myoglobin (b) Actin (c) Myosin (d) Albumin

**48. Major protein in this thick filament of skeletal muscle fibre is (MP PMT 2011)**

- (a) Tropomyosin (b) Myosin (c) Actin (d) Troponin

**49. Which of the given option is correct for autonomous nervous system?**

- (a) In it medullary sheath is very well developed  
(b) Node of Ranvier is present in it.  
(c) It is part of CNS  
(d) It is nerve do not travel for longer distance in body

**50. Which option shows correctly matched pairs for the column I and Column II ?**

**(A) Colum-I**

**Column-II**

**(P) Unipolar neuron**

**(i) Retina**

**(Q) Bipolar neuron**

**(ii) Cerebral hemisphere**

**(R) Multipolar neuron**

**(iii) Embryonic stage**

- (a) (P-iii), (Q-i), (R-ii)  
(b) (P-ii), (Q-i), (R-iii)  
(c) (P-iii), (Q-ii), (R-i)  
(d) (P-ii), (Q-iii), (R-ii)

**51. Which of the following is toughest?**

- (A) Piamater (B) Arachnoids (C) Dura mater (D) None of the given

**52. Which of the following is not related to fore brain?**

- (A) Lateral ventricle (B) Inferior Folliculi  
(B) Corpus callosum (D) Voluntary locomotion

**53. Which option show correctly matched pairs for the column I and column II ?**

**(A) Column I**

**column II**

**(P) Cerebrum**

**(i) 3<sup>rd</sup> ventricle**

**(Q) Diencephalon**

**(ii) connect 3<sup>rd</sup> ventricle with 4<sup>th</sup> ventricle**

**(R) Medulla oblongata**

**(iii) 4<sup>th</sup> ventricle**

**(S) Iter**

**(iv) 1<sup>st</sup> and 2<sup>nd</sup> ventricle**

**(T) Forman of Manro**

**(v) connects 1<sup>st</sup> and 2<sup>nd</sup> ventricle with 3<sup>rd</sup> ventricle**

- (B) (P - ii), (Q - i), (R - iv), (S - iii), (T - v)  
(C) (P - iii), (Q - i), (R - iv), (S - ii), (T - v)  
(D) (P - iv), (Q - i), (R - iii), (S - v), (T - ii)  
(E) None of the given

**54. Which layer of an eye is transparent and thin**

- (A) Outer sclera (B) middle - sclera (C) choroid (D) Retina

**55. What is the stiff edge of pinna called?**

- (A) Tympanum (B) Lobule (C) Fenestra roundata (D) Helix

**56. Which of the following option is correct for the correct matched pairs for Column I and II and Column III**

(A) Column I	Column II	Column III
(a) Aqueous humor	(i) Depression on retina	(f) origin of optic nerve
(b) Vitreous humor	(ii) watery fluid	(g) secreted by retina
(c) Blind spot	(iii) Absence of sensitive cells	(h) presence of cone cell
(d) Fovea	(iv) thick fluid	(i) secreted by Ciliary body

- (B) (a - ii-i), (b - iv-g), (c - ii- f) (d - i - h)  
(C) (a - I - f), (b, II, i) ( c, III - g) ( d - IV - h)  
(D) (a - I - i), (b - II- h), (C - II - f), (d - IV- g)  
(E) None of the given

**57. It is correct for the function of ear ossicles**

- (A) To amplify sound 40 times (B) To amplify sound 20 times  
(B) To amplify sound 10 times (D) To reduce harmful effect of sound

**58. Which basic Colour Photoreceptors is Present in human eye?**

- (A) Red Yellow Orange (B) Red green blue  
(C) Red green Orange (D) green yellow blue

**59. At which of the following Structure Sensitivity of retina is highest?**

- (A) Rod cells of Fovea centralis (B) Yellows spot  
(C) Blind Spot (D) None of the given

**60. A cranial nerve with maximum branches in the body is**

- (A) Auditory (B) Trigeminal (C) Vagus (D) Facial

**61. Which of the following is not effect of GH?**

- (a) Dwarfism (b) Cretinism (c) Development of all tissue (d) Gigantism

**62. Which of the following are effects of Vasopressin?**

- (a) Increased glucose level  
(b) High BMR  
(c) Accumulation of fat under skin  
(d) Reabsorption of water and electrolytes

**63. It is required for differentiation of T-cells?**

- (a) T3 (b) Thymosin (c) T4 (d) Melatonin

**64. Which hormone is secreted by Zona fasciculata?**

- (a) ADH (b) Mineral corticoids (c) Glucocorticoid (d) Hydro corticoids

- 65. Which disease occurs due to less secretion of mineral corticoids?**  
(a) Addison's disease (b) Cretinism (c) Myxedema (d) Cushing diseases
- 66. Which hormone stimulates formation of alveoli in mammary gland?**  
(a) Oestrogen (b) Progesterone (c) Relaxin (d) Oxytocin
- 67. Which of the following is not effect of catecholamine?**  
(a) Sweating (b) Warm red face (c) Increase in blood sugar level (d) Decreased hear beat
- 68. Which hormones are directly involve in cardio-vascular activity**  
(a) Adrenaline and insulin (b) Cortisol and progesterone  
(b) Cortisol and catecholamine (d) Catecholamine and estrogen
- 69. Which hormone is secreted by two layers of the cortex?**  
(a) Sexocorticoids (b) Glucocorticoid (c) Mineral corticoids (d) Epinephrine
- 70. If Adenohyphsectomy is done in adult, then which of the followings is the correct statement:**  
(A) Gigantism  
(B) Acromegaly  
(C) B.M.R will be affected  
(D) It will affect growth of testis and ovary
- 71. FSH and LH hormones together are called :**  
(A) GTH (B) Stress removing hormones  
(B) Emergency hormones (D) Neurohormones
- 72. What is Precursor of adrenaline, thyroxin and melanin pigment?**  
(A) Proline (B) Tryptophan (C) Glycine (D) Tyrosine
- 73. Removal of which of the following causes an immediate menstruation?**  
(A) Estrogen (B) FSH (C) FSH - LH (D) Progesterone
- 74. The immediate cause of induction of ovulation in the human female is the large plasma surge of :**  
(A) LH (B) Estradiol (C) FSH (D) Progesterone
- 75. Which hormone is control by nerve axon of hypothalamus**  
(A) Oxytocin (B) ACTH (C) TSH (D) ACTH and TSH

**Editor: Ajay Dogra**

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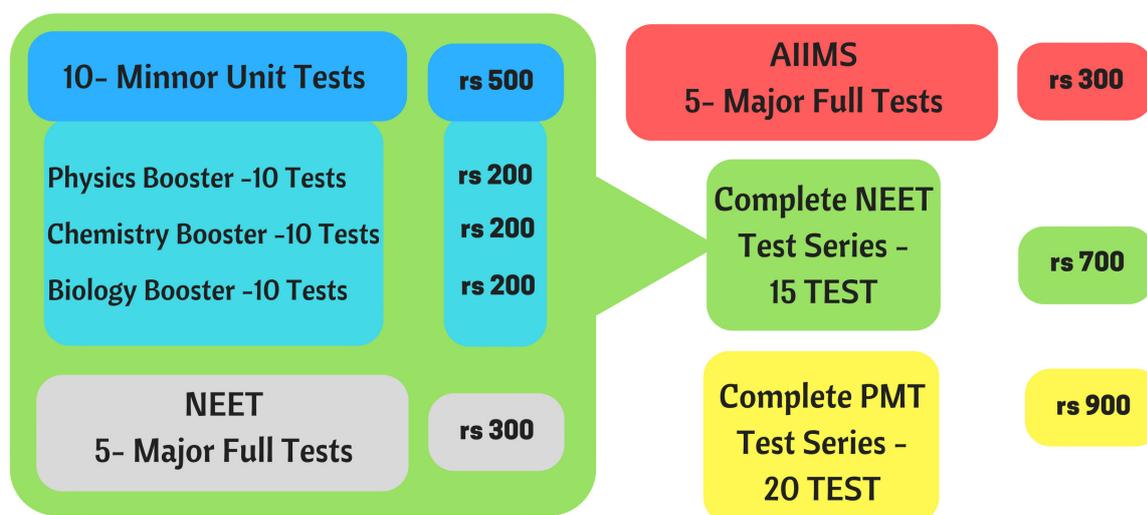
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