

Shyam-Vidya Ayurved P.G. Entrance Coaching Center, Bhopal (M.P.)

Online Test Paper – Physiology

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- (1) In which of the condition C.S.F. protein level is increased and glucose decreased -
 - (A) Bacterial meningitis
 - (B) Viral meningitis
 - (C) Tuberculous meningitis
 - (D) Fungal meningitis
- (2) CSF is produced in the brain by Ciliated in the choroid plexus.
 - (A) Ependymal cells
 - (B) Epithelial cells
 - (C) Parenchymal cells
 - (D) None of these
- (3) Erythroblastosis foetalis occurs in -
 - (A) Rh + male & Rh - female
 - (B) Rh - male & Rh + female
 - (C) Both
 - (D) None
- (4) Daily requirement of Vit. D according to Guyton and Hall Textbook of Medical Physiology –
 - (A) 200 I.U.
 - (B) 300 I.U.
 - (C) 400 I.U.
 - (D) 600 I.U.
- (5) Daily requirement of Zn according to Guyton and Hall Textbook of Medical Physiology -
 - (A) 15 mg
 - (B) 3.5 gm.
 - (C) 18 mg.
 - (D) 12 mg.
- (6) Daily energy requirement of a 70 kg person lying on bed whole day without taking any food -
 - (A) 1650 calories
 - (B) 1850 calories
 - (C) 1700 calories
 - (D) 2100 calories
- (7) Which of the following hormones are secreted by anterior pituitary gland except -
 - (A) ADH
 - (B) GH
 - (C) LH
 - (D) TSH
- (8) Glossopharyngeal nerve is a
 - (A) Sensory nerve
 - (B) Motor nerve
 - (C) Mixed nerve
 - (D) Branch of vagus nerve
- (9) Which blood group is most common in the world
 - (A) O
 - (B) A
 - (C) B
 - (D) AB
- (10) Which blood group is the universal donor of blood
 - (A) O–ve
 - (B) O+ve
 - (C) AB–ve
 - (D) AB–ve

- (11) The RBCs are destroyed in -
(A) Kidney
(B) Spleen
(C) Liver
(D) All of these
- (12) Fetal dose and Fetal period of Iodine is
(A) 1 gm & 24 hours
(B) 2 gm & 24 hours
(C) ½ gm & 12 hours
(D) 200 gm & 6 hours
- (13) Bile salts are formed in
(A) Blood
(B) Duodenum
(C) Intestine
(D) Liver
- (14) cells of Islets of Langerhans secrets
(A) Insulin
(B) Glucagon
(C) Somatostatin
(D) All
- (15) Niacin deficiency leads to
(A) Pellagra
(B) Pernicious anemia
(C) Polyneuritis
(D) None of the above
- (16) Spermatozoa are stored in
(A) Testis
(B) Seminal vesicle
(C) Epididymis
(D) Prostate
- (17) Ovulation Is associated with sudden rise In
(A) Prolactin
(B) LH
(C) FSH
(D) Oxytocin
- (18) Acceptable range of pH of drinking water is in between
(A) 6.5-8.5
(B) 6.0-7.0
(C) 7.5-8.5
(D) None of these
- (19) Phrenoderma is caused by deficiency of
(A) Essential fatty acids
(B) Essential amino acids
(C) PoIy saccharides
(D) Vitamin B₁₂
- (20) The normal platelet count in the adult is
(A) 2.5 - 4.5 lakhs cell/cc
(B) 1 - 2 lakhs cell/cc
(C) 1 - 1.5 lakhs cell/cc
(D) 4000 - 11000 cell/cc

- (21) The total amount of gastrointestinal tract secretions per day -
(A) 1200 ml
(B) 800 ml
(C) 2000 ml
(D) 8000 ml
- (22) The Normal respiratory rate of an adult male is
(A) 10 -14/min
(B) 18-25/min
(C) 8-12/min
(D) 25-30/min
- (23) Mean arterial Pressure is
(A) D.B.P. + pulse pressure
(B) D.B.P. + $\frac{1}{2}$ pulse pressure
(C) S.B.P. + pulse pressure
(D) S.B.P. + $\frac{1}{2}$ pulse pressure
- (24) Spot the mineral which is associated with insulin synthesis
(A) Copper
(B) Cobalt
(C) Iron
(D) Zinc
- (25) Duration of one cardiac cycle when the heart rate is 75/min -
(A) less than 0.8 sec
(B) more then 0.8 sec
(C) 0.8 sec
(D) 0.7 sec
- (26) Normal range of proteins in C.S.F.
(A) 15-45 mg/100 ml
(B) 50-75 mg/100 ml
(C) 40-85 mg/100 ml
(D) None
- (27) Daily requirement of Vitamin K
(A) 900 μ g
(B) 10 μ g
(C) 22 mg
(D) 80 μ g
- (28) Daily requirement of Riboflavine
(A) 1.5 gm/day
(B) 1.8 gm/day
(C) 1.5 mg/day
(D) 1.8 mg/day
- (29) pH of the pancreatic juice is -
(A) 6.8
(B) 7.4
(C) 8.2
(D) 9.5
- (30) The daily production of bile is
(A) 500-1000 ml
(B) 200-500 ml
(C) 1000-1500 ml
(D) 100-200 ml

- (31) Average size of Eosinophils is
(A) 9 – 15 micron
(B) 10 – 15 micron
(C) 12 – 15 micron
(D) 25 – 30 micron
- (32) Life span of Lymphocytes is
(A) 120 days
(B) 12 –15 days
(C) 9 – 11 days
(D) 1 – 3 days
- (33) Which one of the following plays an important role in digestion of fat
(A) Bile salt
(B) Amylase
(C) Trypsinogen
(D) Rennin
- (34) Life span of Platelets is
(A) 120 days
(B) 12 –15 days
(C) 9 – 11 days
(D) 1 – 3 days
- (35) Total Volume of C.S.F. present in the man
(A) 100 ml
(B) 150 ml
(C) 250 ml
(D) 500 ml
- (36) C.S.F. is secreted from
(A) Choroid plexus
(B) Arachnoid villi
(C) Meissnars plexus
(D) None
- (37) The Valve in between left Atrium and left Ventricle is
(A) Tricuspid valve
(B) Mitral Valve
(C) Semilunar Valve
(D) Both A & B
- (38) What is serum
(A) Plasma with fibronogen
(B) Plasma without fibronogen
(C) Plasma without Lymph
(D) Blood without fibronogen
- (39) Atrophy of anterior pituitary in infants produces
(A) Dwarfism
(B) Gigantism
(C) Acromegaly
(D) Mongolism
- (40) Diabetes insipidus is due to
(A) Decreased insulin production
(B) Increased insulin production
(C) Decreased ADH production
(D) Increased ADH production

- (41) **Richest source of vitamin c in fruits**
(A) Amalaki
(B) Chili papper (green)
(C) Guava
(D) Orange
- (42) **Milk is complete food. But it dosen't contain**
(A) Protein
(B) Iron
(C) Calcium
(D) Vitamin A
- (43) **Honey contains**
(A) Lactose
(B) Malltose
(C) Fructose
(D) Sucrose
- (44) **This mineral is essential for blood coagulation**
(A) Mg
(B) P
(C) Na
(D) Ca
- (45) **The Richest source of vitamin A is**
(A) Egg
(B) Milk
(C) Cereals
(D) Codliver oil
- (46) **Factor essential for Iron absorption**
(A) Vitamin A
(B) Vitamin K
(C) Vitamin C
(D) Vitamin D
- (47) **This is also known as Calciferol**
(A) Vitamin E
(B) Vitamin K
(C) Vitamin C
(D) Vitamin D
- (48) **The essential for fertility is**
(A) Vitamin E
(B) Vitamin K
(C) Vitamin C
(D) Vitamin D
- (49) **Magaloblastic anemia is due to**
(A) Deficiency of Folic acid
(B) Deficiency of Cyanocobalamin
(C) Deficiency of Intrinsic factor
(D) All the above
- (50) **Daily requirement of Vitamin C is**
(A) 20-40 mg
(B) 40-80 mg
(C) 100-150 mg
(D) 100-200 mg

- (51) Largest WBC is –
 (A) Monocyte
 (B) Lymphocyte
 (C) Basophills
 (D) Eosinophills
- (52) Accercerlin is Blood Clotting factor no. –
 (A) 4
 (B) 5
 (C) 6
 (D) 7
- (53) A mature human RBC has an average diameter of about –
 (A) 2.5 micron
 (B) 5.5 micron
 (C) 7.5 micron
 (D) 10.5 micron
- (54) From which month onwards intrauterine life, the erythropoiesis starts in red bone marrow –
 (A) 4th
 (B) 5th
 (C) 3th
 (D) 7th
- (55) Vitamin B₁₂ is absent in –
 (A) Meat
 (B) Daily products
 (C) Vegetable
 (D) None
- (56) The pregnant women are especially suscepially to which Vitamin –
 (A) B₆
 (B) B₁₂
 (C) Folice acid
 (D) B₁₂ & Folice acid
- (57) Each Heamoglobin molecule can combine with how many molecules of Oxigen.
 (A) 4
 (B) 3
 (C) 2
 (D) 1
- (58) Normal Sperm count in male is –
 (A) 50 millian
 (B) 100 millian
 (C) 50-100 millian
 (D) 60-150 millian
- (59) Normal Haemoglobin count in male is -
 (A) 12-14gm@100ml
 (B) 14-16 gm@100ml
 (C) 16-18 gm@100ml
 (D) 18-20 gm@100ml
- (60) Normal blood output/min of Brain, Liver, Kidney & Heart in a healthy person -
 (A) 1000, 1500, 1200, 200 ml
 (B) 1500, 750, 200, 1200 ml
 (C) 1200, 200, 1500, 750 ml
 (D) 200, 1200, 1500, 750 ml

- (61) Longest Cranial nerve in the Body is –
(A) Vagus
(B) Trochlear
(C) Trigeminal
(D) Abducent
- (62) The amount of urine passed by a man in 24 hours is –
(A) 500 ml
(B) 1000 ml
(C) 1500 ml
(D) 2000 ml
- (63) Isovolumetric relaxation phase time duration in cardiac cycle is - (Ventricular diastole)
(A) 0.4 sec.
(B) 0.05 sec.
(C) 0.04 sec.
(D) 0.06 sec.
- (64) Haemophilia B is due to deficiency of
(A) Factor VII
(B) Factor VIII
(C) Factor IX
(D) Factor X
- (65) Duration of 1st Heart sound is -
(A) 0.9- 0.14 sec.
(B) 0.9- 0.16 sec.
(C) 0.10-0.14 sec
(D) 0.10-0.12sec
- (66) Regulatory center of Peristalsis is –
(A) Cerebral
(B) Cerebellum
(C) Hypothalamus
(D) medulla oblongata
- (67) NaCl present in a composition of ORS solution according to WHO 2012 is -
(A) 10 gm
(B) 3.5 gm
(C) 5 gm
(D) 2 gm
- (68) Schilling's test is useful to know the deficiency of -
(A) Vitamin B₁₂
(B) Vitamin B₆
(C) Folic acid
(D) All the above
- (69) Intrinsic factor is present in -
(A) Liver
(B) kidney
(C) Gastric mucosa
(D) Saliva
- (70) Pregnancy hormone is -
(A) Oestrogen
(B) Oxytocin
(C) Progesterone
(C) Chorionic gonadotropic hormone

- (71) After Ovulation, the ovum remains alive for about -
(A) 12 – 24 hours
(B) 24 – 36 hours
(C) 24 – 48 hours
(D) 48 – 72 hours
- (72) Viable period of Spermatozoa with in the female genital tract is -
(A) 24 hours
(B) 36 hours
(C) 48 hours
(D) 72 hours
- (73) Life expectancy of Spermatozoa after ejaculation in the female reproductive tract is -
(A) 24 hours
(B) 36 hours
(C) 48 hours
(D) 72 hours
- (74) BMI (Body Mass Index) range 28.5 Kg/m² is indicates -
(A) Underweight
(B) Normal
(C) Overweight
(D) Obese
- (75) 'Bitot's spot is found in -
(A) Xerophthalmia
(B) Rickets
(C) Osteomalacia
(D) Typhoid
- (76) Which of the following vitamin does not cross placenta -
(A) Vit. A
(B) Vit. D
(C) Vit. K
(D) vit. E
- (77) Higher levels of 'HbA_{1c}' are found in people is more prone to -
(A) diabetes mellitus.
(B) Anemia
(C) Bleeding disorders
(D) Haemophilia
- (78) Serum amylase rise in -
(A) Pancreatitis
(B) Endocarditis
(C) Liver Cirrosis
(D) Myocardial infaction
- (79) Vitamin k is formed in -
(A) Kidney
(B) Liver
(C) Stomach
(D) Large intestine
- (80) The enzyme Serum alkaline phosphatase is produced by -
(A) Bone
(B) Liver
(C) Placenta
(D) All

- (81) SGOT & SGPT get increased in
(A) Viral hepatitis
(B) Liver damage
(C) Both
(D) None
- (82) Natural pace makes of the heart is -
(A) S.A. Node
(B) A.V. Node
(C) Bundle of His
(D) Purkinje
- (83) Which cranial nerve is not responsible for eye ball muscles movement
(A) Oculomotor
(B) Optic
(C) Trochlear
(D) Abducent
- (84) Max. absorption of taken Calcium (ca+) place in -
(A) Stomuch
(B) Duodenum
(C) Jejunum
(D) Ileum
- (85) Anorexia, Nausia, Vomitting, Swelling, bleeding etc. are the symptoms of hypervitaminosis of
(A) Vit A
(B) Vit D
(C) Vit E
(D) Vit B₆
- (86) By increase 1°F temperature of body the pulse increases up to -
(A) 5
(B) 10
(C) 15
(D) 20
- (87) Normal G.F.R. is
(A) 100-110 ml/mt.
(B) 120-125 ml/mt.
(C) 140-160 ml/mt.
(D) 160-180 ml/mt.
- (88) Loss of tongue movement is due to defect in which cranial nerve -
(A) Trigeminal
(B) Glosso pharyngeal
(C) Hypoglossal
(D) All the above
- (89) Which white cells are increased in Malaria -
(A) Lymphocyte
(B) Basophils
(C) Monocytes
(D) Eosinophils
- (90) Ketone bodies are formed in
(A) Liver
(B) Spleen
(C) Kidney
(D) Blood

- (91) The deficiency of which vitamin leads to convulsions -
(A) Thiamine
(B) Nicotinic acid
(C) Pyridoxine
(D) Riboflavine
- (92) Heat stable and light sensitive vitamins are -
(A) Vitamin K and Folic acid
(B) Vitamin K and Riboflavine
(C) Pyridoxine and Riboflavine
(D) Vitamin D and Folic acid
- (93) The vitamin present only in animal food are -
(A) Nicotinic acid and Folic acid
(B) Vitamin K and Biotin
(C) Folic acid and Cynocobalamine
(D) Vitamin D and Cynocobalamine
- (94) What is the daily requirement of vitamin A in adult -
(A) 5000 IU/Kg body weight
(B) 3000 IU/Kg body weight
(C) 400 IU/Kg body weight
(D) 80 IU/Kg body weight
- (95) Parkinsonism is the disease affecting -
(A) Cerebral cortex
(B) Hypothalamus
(C) Basal ganglia
(D) Cerebellum
- (96) The term Bradycardia used to indicate heart rate -
(A) Less than 100/minute
(B) More than 100/minute
(C) Less than 60/minute
(D) None of these
- (97) Cells involved in Humoral immunity
(A) T Lymphocytes
(B) B Lymphocytes
(C) Neutrophils
(D) Monocytes
- (98) Which endocrine gland is attributed with fight or flight functions -
(A) Pituitary gland
(B) Adrenal
(C) Thyroid
(D) Pancreas
- (99) Milk producing hormone is the -
(A) Relaxin
(B) Progesterone
(C) Prolactin
(D) Estrogen
- (100) In which of the condition C.S.F. protein level is Markedly increased and glucose Decreased -
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Answer sheet – Physiology				
1. C	21. D	41. A	61. A	81. C
2. A	22. B	42. B	62. C	82. A
3. A	23. A	43. C	63. D	83. B
4. C	24. D	44. D	64. C	84. B
5. A	25. C	45. D	65. B	85. A
6. A	26. A	46. C	66. D	86. B
7. A	27. D	47. D	67. C	87. B
8. B	28. B	48. A	68. A	88. C
9. A	29. C	49. D	69. C	89. C
10. A	30. A	50. B	70. C	90. A
11. A	31. B	51. A	71. D	91. C
12. B	32. D	52. C	72. C	92. B
13. D	33. A	53. C	73. C	93. D
14. A	34. C	54. B	74. C	94. D
15. A	35. B	55. C	75. A	95. C
16. C	36. A	56. C	76. D	96. C
17. B	37. B	57. A	77. A	97. B
18. A	38. B	58. D	78. A	98. B
19. D	39. A	59. B	79. D	99. C
20. A	40. C	60. A	80. D	100. A