

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

Model Test Papers - Physiology

By- Dr. Neelima Singh Lodhi (M.D.) Mob. 09826438399, 09993961427

- (1) In the menstrual cycle 'Luteal phase' occurs between –
(A) 1 – 4 days (B) 4 –14 days
(C) 11 – 18 days (D) 14 – 28 days
- (2) Heat regulating centers are located in –
(A) cerebral (B) cerebellum
(C) Hypothalamus (D) Medulla oblongata
- (3) Proto diastolic phase time duration in cardiac cycle is - (Ventricular diastole)
(A) 0.4 sec. (B) 0.10 sec.
(C) 0.04 sec. (D) 0.15 sec.
- (4) Kupffer's cells are found in-
(A) kidney (B) Liver
(C) Lungs (D) Brain
- (5) Normal Bleeding time is –
(A) 3–5 sec (B) 3-5 minute
(C) 5–7 minute (D) 11-13 sec
- (6) pH of the pancreatic secretion is –
(A) 6.8 (B) 7.7
(C) 7.5- 8.0 (D) 7.5 – 8.3
- (7) Normal Serum cholesterol is –
(A) 60-180 unit/L (B) 150- 250 mg/dl
(C) 30- 120 mg/dl (D) 150- 250 unit/L
- (8) Normal Serum creatine is -
(A) 0.6 –1.5 mg/dl (B) 0.2– 0.6 mg/dl
(C) 15 – 40 mg/dl (D) 8.5 – 10.5 mg/dl
- (9) Which vitamin is useful in treatment of Alcaptonuria
(A) Vit. A (B) Vit. C
(C) Vit. B₆ (D) Vit. E
- (10) Which one of the hormones is not secreted by adenohypophysis part of pituitary gland ?
(A) MSH (B) STH
(C) ADH (D) TSH
- (11) An antioxidant vitamin is
(A) Vit. A (B) Vit. k
(C) Vit. B₆ (D) Vit. E
- (12) BMR rate in Male is -
(A) 24.2 K cal/sq meter/hr (B) 36.1 K cal/sq meter/hr
(C) 32.1 K cal/sq meter/hr (D) 38.2 K cal/sq meter/hr
- (13) Which vitamin is useful in treatment of Measles
(A) Vit. A (B) Vit. k
(C) Vit. B₆ (D) Vit. E
- (14) Which one of the hormones is not secreted by pituitary gland -
(A) MSH (B) STH
(C) TH (D) TSH
- (15) S.G. of urine is -
(A) 1005 (B) 1010
(C) 1025 (D) 1017-34
- (16) Total Filling phase duration in ventricular diastole is
(A) 0.25 sec. (B) 0.10 sec.
(C) 0.04 sec. (D) 0.4 sec.

- (17) Duration of 1st Heart sound is -
 (A) 0.9- 0.14 sec. (B) 0.9- 0.16 sec.
 (C) 0.9- 0.18 sec. (D) 0.15 sec.
- (18) 9th Cranial nerve is –
 (A) Vagus (B) Hypoglossal
 (C) Glossopharyngeal (D) Accessory
- (19) Largest Cranial nerve of the body is –
 (A) Vagus (B) Hypoglossal
 (C) Trigeminal (D) Abducent
- (20) Longest Cranial nerve of the body is –
 (A) Vagus (B) Hypoglossal
 (C) Trigeminal (D) Abducent
- (21) Trigeminal Cranial nerve is –
 (A) Sensory (B) Motor
 (C) Mixed (D) None
- (22) In the Blood antibodies are found in -
 (A) Serum albumin (B) Serum globulin
 (C) Erythrocyte cell membrane (D) Serum fibrin
- (23) Pellagra is caused due to the deficiency of -
 (A) Vit. B₃ (B) Vit. B₅
 (C) Vit. B₆ (D) Vit. E
- (24) Megaloblastic Anemia is caused due to the deficiency of
 (A) Vit. B₃ (B) Vit. B₅
 (C) Vit. B₆ (D) Vit. B₉
- (25) Rickets is caused due to the deficiency of
 (A) Vit. A (B) Vit. D
 (C) Vit. E (D) Vit. K
- (26) Which of the following hormone hyposecretion is caused Conn's disease -
 (A) GH (B) Aldosterone
 (C) Corticosterone (D) TH
- (27) Which of the following hormone hypersecretion is caused Hyperglycemia -
 (A) Insulin (B) Aldosterone
 (C) Corticosterone (D) Glucagon
- (28) Cyanocobalamin is
 (A) Vit. A (B) Vit. K
 (C) Vit. B₆ (D) Vit. B₁₂
- (29) Regulatory center of Vomiting is –
 (A) Cerebral (B) Cerebellum
 (C) Hypothalamus (D) Medulla oblongata
- (30) Regulatory center of Knowledge is –
 (A) cerebral (B) cerebellum
 (C) Hypothalamus (D) medulla oblongata
- (31) Phagocytic WBC is –
 (A) Monocyte (B) Lymphocyte
 (C) Basophils (D) Eosinophils
- (32) Prothrombin Blood Clotting factor is –
 (A) 4 (B) 5
 (C) 6 (D) 7
- (33) Daily dose of potassium is -
 (A) 1 gm (B) 1.5 gm
 (C) 4 gm (D) 2 gm
- (34) Daily requirement of vitamin K is –
 (A) 5000 I.U. (B) 300 I.U.
 (C) 400 I.U. (D) 3000 I.U.

- (35) In menstrual cycle Follicular phase occurs between –
 (A) 1 - 4 days
 (C) 11 - 18 days
 (B) 4- 14 days
 (D) 14- 28 days
- (36) Regulatory center of Peristalsis is –
 (A) Cerebral
 (C) Hypothalamus
 (B) Cerebellum
 (D) Medulla oblongata
- (37) BMR rate in Female is -
 (A) 24.2 K call/sq meter/hr
 (C) 32.1 K call/sq meter/hr
 (B) 36.1 K call/sq meter/hr
 (D) 38.2 K call/sq meter/hr
- (38) Which one of the vitamins is useful in treatment of Bronchial Asthma
 (A) Vit. A
 (C) Vit. B₆
 (B) Vit. K
 (D) Vit. E
- (39) Which one of the hormones is not secreted by thyroid gland -
 (A) MSH
 (C) TH
 (B) STH
 (D) TSH
- (40) S.G. of CSF is -
 (A) 1005
 (C) 1025
 (B) 1010
 (D) 1017-34
- (41) Iron absorption takes place in -
 (A) Stomach
 (C) Jejunum
 (B) Duodenum
 (D) Ileum
- (42) Total Ejection phase duration in ventricular systole is
 (A) 0.25 sec.
 (C) 0.04 sec.
 (B) 0.10 sec.
 (D) 0.15 sec.
- (43) Time duration of 2nd Heart sound is -
 (A) 0.10- 0.14 sec.
 (C) 0.10- 0.12 sec.
 (B) 0.9- 0.16 sec.
 (D) 0.15 sec.
- (44) 11th Cranial nerve is –
 (A) Vagus
 (C) Glossopharyngeal
 (B) Trochlear
 (D) Accessory
- (45) Shortest Cranial nerve of the Body is –
 (A) Vagus
 (C) Trigeminal
 (B) Trochlear
 (D) Abducent
- (46) Thinnest Cranial nerve of the Body is –
 (A) Vagus
 (C) Trigeminal
 (B) Trochlear
 (D) Abducent
- (47) Accessory Cranial nerve is –
 (A) Sensory
 (C) Mixed
 (B) Motor
 (D) None
- (48) In the Blood antigens are found in -
 (A) Serum albumin
 (C) Erythrocyte cell membrane
 (B) Serum globulin
 (D) Serum fibrin
- (49) Normal Sperm count in male is –
 (A) 50 million
 (C) 50-100 million
 (B) 100 million
 (D) 60-150 million
- (50) Normal Haemoglobin count in male is -
 (A) 12-14 gm@100ml
 (C) 16-18 gm@100ml
 (B) 14-16 gm@100ml
 (D) 18-20 gm@100ml
- (51) Largest WBC is –
 (A) Monocyte
 (C) Basophils
 (B) Lymphocyte
 (D) Eosinophils
- (52) Accerclerlin is Blood Clotting factor no. –
 (A) 4
 (C) 6
 (B) 5
 (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 susceptible to which Vitamin –
 (A) B₆ (B) B₁₂
 (C) Folic acid (D) B₁₂ & Folic acid
- (57) Each hemoglobin molecule can combine with how many molecules of Oxygen.
 (A) 4 (B) 3
 (C) 2 (D) 1
- (58) In health, the albumin globin (A/G) ratio is about –
 (A) 0.5 (B) 1.2
 (C) 1.7 (D) 2.3
- (59) The Golden yellow color of faeces is due to all except –
 (A) Stercobilinogen (B) Urobilin
 (C) Stercobilin (D) None
- (60) The Succus entericus is produced by –
 (A) Brunner's glands (B) Villi
 (C) Crypts of Lieberkuhn (D) None
- (61) After a meal, the heart rate usually –
 (A) Rises (B) Falls
 (C) Remains unaltered (D) None
- (62) The heart rate is least in which posture –
 (A) Standing (B) Sitting
 (C) Recumbent (D) None
- (63) A BMR below ----- is almost diagnostic for Hypothyroidism –
 (A) 50 % (B) 20 %
 (C) 30 % (D) 40 %
- (64) Which cells are the basis of 'blood testis barrier'.
 (A) Interstitial cells (B) Leyding cells
 (C) Sertoli cells (D) All
- (65) Which cells of the testis are a source of Oestrogen in the adult healthy male
 (A) Interstitial cells (B) Leyding cells
 (C) Sertoli cells (D) All
- (66) The semen is in reaction –
 (A) Acidic (B) Alkaline
 (C) Neutral (D) None
- (67) The hormone secreted by theca interna of a Graafian follicle -
 (A) Estrogen (B) Progesterone
 (C) LH (D) All
- (68) Blood group were discovered by -
 (A) Romanowsky (B) Landsteiner
 (C) Hopkin's & Funk (D) McMurray
- (69) All vitamins as a rule, are required in trace quantity with the exception of -
 (A) Vit. A (B) Vit. B₆
 (C) Vit. C (D) Vit. B₁₂
- (70) Earliest feature of vitamin A deficiency is -
 (A) Nyctalopia (B) Conjunctival Xerosis
 (C) Bitot spot (D) Keratomalacia

- (71) The toad skin is seen in the deficiency of vitamin -
 (A) Vit. A (B) Vit. B₃
 (C) Vit. B₆ (D) Vit. E
- (72) Which vitamin is also called Wills factor -
 (A) Thiamine (B) Pyridoxine
 (C) Folic acid (D) Cyanocobalamine
- (73) The poor man's meat in India
 (A) Wheat (B) Rice
 (C) Pulses (D) Milk
- (74) Which cells of a nephron secrete rennin -
 (A) Juxta glomerular cell (B) Lacis
 (C) Mesangial (D) All
- (75) In which the visceral pain is not referred -
 (A) Appendix (B) Heart
 (C) Lung (D) None
- (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 infarction
- (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) Occulomotor (B) Optic
 (C) Trochlear (D) Abducent
- (84) ORS solution dose not contant -
 (A) Sodium chloride (B) Calcium chloride
 (C) Bicarbonate (D) Glucose
- (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 is 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 Braycardia 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) Progestrone
 (C) Prolactin (D) Estrogen
- (100) In the C.S.F. protein level is elevated and sugar reduced in -
 (A) T.B.M. (B) AIDS
 (C) Hepatitis (D) C.R.F.
- (101) The Normal amount of faeces is
 (A) 100-200 gm/day (B) 200-300 gm/day
 (C) 200-250 gm/day (D) 300-400 gm/day
- (102) The amount of urine passed by a man in 24 hours is –
 (A) 500 ml (B) 1000 ml
 (C) 1500 ml (D) 2000 ml
- (103) Haemophilia is due to deficiency of
 (A) Factor VII (B) Factor VIII
 (C) Factor IX (D) Factor X
- (104) Haemophilia B is due to deficiency of
 (A) Factor VII (B) Factor VIII
 (C) Factor IX (D) Factor X

- (105) NaCl present in a composition of ORS solution according to WHO in 2011 is -
 (A) 10 gm (B) 3.5 gm
 (C) 5 gm (D) 2.6 gm
- (106) Schilling's test is useful to know the deficiency of -
 (A) Vitamin B₁₂ (B) Vitamin B₆
 (C) Folic acid (D) All the above
- (107) Intrinsic factor is present in -
 (A) Liver (B) kidney
 (C) Gastric mucosa (D) Saliva
- (108) Pregnancy hormone is -
 (A) Oestrogen (B) Oxytocin
 (C) Progesterone (D) Chorionic gonadotropic hormone
- (109) After Ovulation, the ovum remains alive for about -
 (A) 12 – 24 hours (B) 24 – 36 hours
 (C) 24 – 48 hours (D) 48 – 72 hours
- (110) Viable period of Spermatozoa within the female genital tract is -
 (A) 24 hours (B) 36 hours
 (C) 48 hours (D) 72 hours
- (111) Life expectancy of Spermatozoa after ejaculation in the female reproductive tract is -
 (A) 24 hours (B) 36 hours
 (C) 48 hours (D) 72 hours
- (112) BMI (Body Mass Index) range 28.5 Kg/m² indicates -
 (A) Underweight (B) Normal
 (C) Overweight (D) Obese
- (113) The vitamin essential for the health of nerves -
 (A) Vit. B₁ (B) Vit. B₂
 (C) Vit. B₆ (D) Vit. B₁₂
- (114) Bitot's spot is found in -
 (A) Xerophthalmia (B) Rickets
 (C) Osteomalacia (D) Typhoid
- (115) For every % of rise of temperature B.M.R. increases by -
 (A) 7 % (B) 21 %
 (C) 14 % (D) 28 %
- (116) Best source for vitamin K is
 (A) Leafy vegetables (B) Pulses
 (C) Oil seeds (D) Fruits
- (117) Burning feet syndrome is caused by the deficiency of -
 (A) Niacin (B) Vit. B₁₂
 (C) Folic acid (D) Pantothenic acid
- (118) Which of the following vitamin is essential for rapid wound healing -
 (A) Vit. A (B) Vit. C
 (C) Vit. E (D) Vit. D
- (119) Which of the following vitamin is essential for Iron absorption -
 (A) Vit. A (B) Vit. C
 (C) Vit. E (D) Vit. D
- (120) Vitamin D promotes the absorption of
 (A) Calcium (B) Phosphorous
 (C) Both a & b (D) None
- (121) Recommended daily dose of retinal of an adult is -
 (A) 500 microgram (B) 600 microgram
 (C) 650 microgram (D) 750 microgram

Model Test Papers (Answer) – Physiology

1. D	21. C	41. B	61. A	81. C	101. A
2. C	22. B	42. A	62. C	82. A	102. C
3. C	23. B	43. C	63. B	83. B	103. B
4. B	24. D	44. D	64. C	84. B	104. C
5. B	25. B	45. D	65. C	85. A	105. D
6. D	26. B	46. B	66. B	86. B	106. A
7. B	27. D	47. B	67. A	87. B	107. C
8. B	28. D	48. C	68. B	88. C	108. B
9. B	29. D	49. D	69. C	89. C	109. D
10. C	30. A	50. B	70. A	90. A	110. C
11. D	31. A	51. A	71. A	91. C	111. C
12. D	32. B	52. C	72. C	92. B	112. C
13. A	33. A	53. C	73. C	93. D	113. A
14. C	34. D	54. B	74. D	94. D	114. A
15. B	35. B	55. C	75. C	95. C	115. C
16. D	36. D	56. C	76. D	96. C	116. A
17. B	37. C	57. A	77. A	97. B	117. D
18. C	38. C	58. C	78. A	98. B	118. B
19. C	39. C	59. A	79. D	99. C	119. B
20. A	40. A	60. C	80. D	100. A	120. C