# First Year MBBS

Physiology I

# Summer 2016

1. Normal duration of P-R interval is \_\_\_\_\_ seconds.
2. 0.12 to 0.15
3. 0.15 to 0.18
4. 0.18 to 0.20
5. 0.12 to 0.20
6. Radpid ejection phase of ventricular systole lasts for \_\_\_\_\_ seconds.
7. 0.11
8. 0.14
9. 0.19
10. 0.5
11. Plateau phase of cardiac action potential is due to presence of following channels in cell membrane.
12. Fast sodium channels
13. Fast sodium calcium channels
14. Slow sodium calcium channels
15. Potassium channels
16. Net filtration pressure at arterial end of capillary in a tissue is \_\_\_\_\_ mmHg.
17. 30
18. 02
19. 08
20. 10
21. Normal value of compliance for lungs alone in ml/cm of water is
22. 220
23. 130
24. 100
25. 50
26. Normal value of maximum Voluntary Ventilation is
27. 4200 ml/min
28. 6000 ml/min
29. 8000 ml/min
30. 12000 ml/min
31. Respiratory Distress Syndrome is caused by lack of
32. Alveolar fluid
33. Oxygen
34. Glucose
35. Surfactant
36. Pulmonary edema causes
37. Hypoxic hypoxia
38. Anemic hypoxia
39. Stagnant hypoxia
40. Histotoxic hypoxia
41. Intrinsic factor is secreted by which cells?
42. Peptic
43. Mucous
44. Parietal
45. Goblet
46. HCI secretion is NOT stimulated by
47. Fasting
48. Gastrin
49. Emotional stress
50. Somatostatin
51. Haustral contractions are seen only in
52. Colon
53. Stomach
54. Duodenum
55. Ileum
56. Vitamin B12 is produced by
57. Oxyntic glands in stomach
58. ‘I’ cells of duodenum
59. Bacteria in colon
60. ‘S’ cells of duodenum
61. Secretion of following hormones causes ‘milk let down reflex’
62. Prolactin
63. Estrogen
64. Human Chorionic Gonadotropin
65. Oxytocin
66. Estrogen secretion in males is by
67. Hypothalamus
68. Pituitary
69. Adrenal Cortex
70. Adrenal Medulla
71. Somatomedins mediate the actions of following hormone
72. Thyroxine
73. ADH
74. Growth Hormone
75. Oxytocin
76. Supraoptic nucleus is responsible for the secretion of
77. TRH
78. GHIH
79. GHRH
80. ADH
81. Heat sensitive neurons are situated in
82. Anterior hypothalamic nuclei
83. Amygdala
84. Hippocampus
85. Anterior thalamic nuclei
86. Mental retardation with Dwarfism occurs due to decreased secretion of
87. Thyroxine
88. Growth Hormone
89. Somatomedins
90. Adrenal steroides
91. Only mechanism of heat loss when surrounding temperature is more than body temperature is
92. Conduction
93. Convection
94. Radiation
95. Evaporation
96. Tetany is caused by decreased secretion of
97. Thyroxine
98. Calcitornin
99. Parathyroid hormone
100. Aldosterone