

Answer-key & Solution

SSC JE (TOM & MD)

Date 17.9.2017

1. B	13. A	25. C	37. C	49. D	61. A	73. A	85. C
2. A	14. C	26. C	38. C	50. A	62. B	74. C	86. A
3. C	15. C	27. C	39. B	51. D	63. D	75. D	87. D
4. A	16. C	28. C	40. D	52. C	64. A	76. D	88. A
5. C	17. C	29. C	41. B	53. B	65. C	77. A	89. D
6. C	18. D	30. D	42. A	54. A	66. A	78. C	90. C
7. D	19. A	31. A	43. C	55. A	67. C	79. A	
8. D	20. C	32. D	44. A	56. B	68. B	80. C	
9. D	21. D	33. A	45. A	57. B	69. D	81. D	
10. B	22. C	34. A	46. D	58. D	70. D	82. D	
11. C	23. C	35. D	47. D	59. C	71. A	83. D	
12. C	24. C	36. D	48. A	60. A	72. D	84. D	

SOLUTION

42.(A) $\omega = 25 \text{ rad/sec}$
 $v = 10 \text{ m/s}$
 $a_c = 2\omega v$
 $= 2 \times 25 \times 10$
 $a_c = 500 \text{ m/s}^2$

84.(D) $D = 6\sqrt{t}$
 $= 6\sqrt{20}$
 $D = 26.832 \text{ mm}$
 $D \approx 30 \text{ mm}$

Note : If your opinion differ regarding any answer, please message the mock test and Question number to 9560620353

Note : If you face any problem regarding result or marks scored, please contact : 9313111777