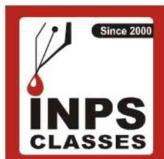
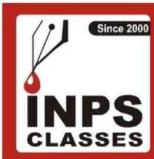
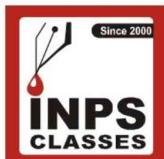


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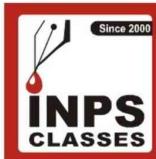


15. $R_1 = \{(x, y) | x, y \in R, x^2 + y^2 \leq 25\} = R_1$, $R_2 = \{(x, y) | x, y \in R, 9y \geq 4x^2\} = R_2$. $R_1 \cap R_2$
 (a) One-one (b) Onto (c) one-one & onto (d) None of these
16. A block of 66 by 49 by 12 is melted to form a sphere, then radius of sphere is approx
 (a) 20 (b) 23 (c) 21 (d) 22
17. Find the next term, 2, 4, 7, 14, 17, 34, _____
 (a) 35 (b) 36 (c) 37 (d) 38
18. Find odd word?
 (a) Root (b) Foundation (c) Base (d) Tunnel
19. I commenced _____ Ist May.
 (a) Since (b) For (c) From (d) In
20. What stored in email address
 (a) Domain name and user name (b) User name and his domain
 (c) Postal address and name domain (d) Domain address and postal name

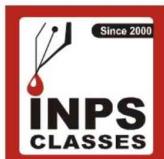
Direction for Q.No.: 21 to 23: Read the given paragraph and answer the questions:

Dolphins are regarded as the friendliest creatures in the sea and stories of them helping drowning sailors have been common since Roman times. The more we learn about dolphins, the more we realize that their society is more complex than people previously imagined. They look after other dolphins when they are ill, care for pregnant mothers and protect the weakest in the community, as we do. Some scientists have suggested that dolphins have a language but it is much more probable that they communicate with each other without needing words. Could any of these mammals be more intelligent than man? Certainly the most common argument in favour of man's superiority over them that we can kill them more easily than they can kill us is the least satisfactory. On the contrary, the more we discover about these remarkable creatures, the less we appear superior when we destroy them.

21. If is clear from the passage that dolphins _____
 (a) are the most powerful creatures that live in the oceans.
 (b) have a reputation for being friendly to humans
 (c) are proven to be less intelligent than once thought
 (d) are capable of learning a language and communicating with humans
22. The fact that the writer of the passage thinks that we can kill dolphins more easily than they can kill us _____
 (a) proves that dolphins are not the most intelligent species.
 (b) means that they are better adapted to their environment than we are
 (c) does not mean that we can be superior to them
 (d) shows that dolphins have a very sophisticated form of communication



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Answer Key

01. (d)	02. (d)	03. (c)	04. (c)	05. (a)	06. (d)	07. (a)	08. (c)	09. (c)	10. (d)
11. (b)	12. (d)	13. (b)	14. (d)	15. (d)	16. (c)	17. (c)	18. (d)	19. (c)	20. (a)
21. (b)	22. (c)	23. (c)	24. (c)	25. (c)	26. (a)	27. (c)	28. (d)	29. (a)	30. (a)
31. (a)	32. (c)	33. (c)	34. (d)	35. (a)	36. (d)	37. (d)	38. (a)	39. (a)	40. (d)
41. (a)	42. (a)	43. (c)	44. (b)	45. (b)	46. (b)	47. (a)	48. (a)	49. (b)	50. (a)
51. (a)	52. (a)	53. (d)	54. (a)	55. (c)	56. (a)	57. (c)	58. (c)	59. (a)	60. (a)
61. (a)	62. (a)	63. (a)	64. (b)	65. (a)	66. (c)	67. (c)	68. (d)	69. (c)	70. (a)
71. (a)	72. (c)	73. (a)	74. (b)	75. (a)	76. (*)	77. (b)	78. (b)	79. (a)	80. (*)
81. (a)	82. (b)	83. (a)	84. (d)	85. (a)	86. (d)	87. (b)	88. (c)	89. (a)	90. (d)
91. (b)	92. (c)	93. (b)	94. (d)	95. (a)	96. (d)	97. (a)	98. (c)	99. (c)	100. (b)