

For Upcoming Exams

ABHINAY MATHS

SELECTION BOOK

VOLUME
1

Useful for SSC CGL, CHSL, CAPF, CPO, Delhi Police,
Constable, MTS, FCI, Banking, Railway & Other Exams

Pre + Mains



BILINGUAL



1000+ Questions based on Latest
Pattern with Video Solutions

Abhinay Sharma



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ABHINAY MATHS

SELECTION BOOK

VOLUME
2

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to Abhinay sir

ACKNOWLEDGEMENT

This workbook is the result of dedication, collaboration, and a shared vision—to make quality education accessible to every student, regardless of their background or resources.

First and foremost, I express my heartfelt gratitude to Oswaal Books for believing in this mission and providing a platform that enables learners across the country to dream big and prepare smart.

To my students—past, present, and future—you are the true inspiration behind this book. Your questions, your struggles, and your perseverance have shaped every page. This book is for you, and because of you.

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Lastly, to every learner picking up this workbook—thank you for allowing me to be a small part of your preparation. May this book guide you, challenge you, and walk with you toward your goal.

With gratitude,

Abhinay Sharma

1

Section 1: Geometry Line and Angle

1. The difference between two angles is 15° and the sum of the angles is $5\pi/12$ in radian. The bigger angle is k times the smaller angle. What is k equal to? | दो कोणों का अंतर 15° है और कोणों का योगफल $5\pi/12$ रेडियन् में है। बड़ा कोण छोटे कोण का k गुना है। k किसके बराबर है? [CDS, 2020-II]



- (a) $4/3$ (b) $3/2$ (c) $6/5$ (d) $7/6$

Sol:

.....

.....

2. Radian measure of $40^\circ 20' 50''$ | $40^\circ 20' 50''$ को रेडियन में बदले।



- (a) $\frac{481}{1196}\pi \text{ rad}$ (b) $\frac{681}{1296}\pi \text{ rad}$ (c) $\frac{581}{2592}\pi \text{ rad}$ (d) $\frac{581}{1296}\pi \text{ rad}$

Sol:

.....

.....

.....

3. Radian measure of $63^\circ 14' 51''$ | $63^\circ 14' 51''$ को रेडियन में बदले।



- (a) $\left(\frac{2811\pi}{8000}\right)^c$ (b) $\left(\frac{3811\pi}{8000}\right)^c$ (c) $\left(\frac{4811\pi}{8000}\right)^c$ (d) $\left(\frac{5811\pi}{8000}\right)^c$

Sol:

.....

.....

.....

4. Find the complementary angle of $37^\circ 49' 13''$? | $37^\circ 49' 13''$ का पूरक कोण ज्ञात कीजिए।



- (a) $52^\circ 10' 47''$ (b) $50^\circ 10' 47''$ (c) $50^\circ 47' 13''$ (d) $52^\circ 47' 10''$

Sol:

.....

.....

Answers

1. (a)	34. (c)	67. (a)	100. (d)
2. (a)	35. (c)	68. (a)	101. (c)
3. (b)	36. (b)	69. (d)	102. (c)
4. (c)	37. (a)	70. (d)	103. (d)
5. (a)	38. (a)	71. (b)	104. (a)
6. (b)	39. (d)	72. (c)	105. (b)
7. (d)	40. (b)	73. (c)	106. (d)
8. (b)	41. (b)	74. (c)	107. (c)
9. (c)	42. (b)	75. (d)	108. (c)
10. (a)	43. (a)	76. (a)	109. (b)
11. (a)	44. (c)	77. (b)	110. (d)
12. (c)	45. (b)	78. (a)	111. (c)
13. (c)	46. (b)	79. (c)	112. (a)
14. (c)	47. (a)	80. (b)	113. (c)
15. (c)	48. (c)	81. (b)	114. (a)
16. (c)	49. (b)	82. (d)	115. (a)
17. (c)	50. (b)	83. (c)	116. (a)
18. (b)	51. (a)	84. (c)	117. (d)
19. (b)	52. (a)	85. (a)	118. (c)
20. (a)	53. (b)	86. (c)	119. (c)
21. (c)	54. (b)	87. (c)	120. (b)
22. (b)	55. (c)	88. (c)	121. (c)
23. (c)	56. (a)	89. (b)	122. (b)
24. (c)	57. (b)	90. (c)	123. (c)
25. (c)	58. (b)	91. (a)	124. (a)
26. (a)	59. (c)	92. (a)	125. (a)
27. (a)	60. (b)	93. (d)	126. (a)
28. (b)	61. (c)	94. (b)	127. (a)
29. (c)	62. (c)	95. (b)	128. (a)
30. (d)	63. (c)	96. (c)	129. (b)
31. (a)	64. (c)	97. (b)	130. (d)
32. (a)	65. (a)	98. (a)	131. (c)
33. (b)	66. (d)	99. (b)	132. (a)

वक्त बदलता है, फिर बदलेगा, सारा जहां अपना होगा।