

500 REASONING QUESTIONS & ANSWERS



— *FOR* —
SSC

LOGICAL REASONING | ANALYTICAL ABILITY | VERBAL REASONING
NON-VERBAL REASONING | PUZZLES | SERIES | CODING-DECODING



500 Most Important
SSC Reasoning Questions



Detailed & Easy
to Understand Answers



Covers All Topics from
Basic to Advanced Level



Useful for SSC CGL, CHSL,
MTS, CPO, GD & Other
SSC Exams



PRESENTED BY :

SANDEEP T.

PART 1 – ANALOGY | पृष्ठ 1–50

1. **Book : Read :: Food : ?**
Answer: Eat
2. **Pen : Write :: Knife : ?**
Answer: Cut
3. **Bird : Fly :: Fish : ?**
Answer: Swim
4. **Doctor : Hospital :: Teacher : ?**
Answer: School
5. **Eye : See :: Ear : ?**
Answer: Hear
6. **Day : Night :: Hot : ?**
Answer: Cold
7. **Puppy : Dog :: Kitten : ?**
Answer: Cat
8. **India : Rupee :: USA : ?**
Answer: Dollar
9. **Gold : Metal :: Rose : ?**
Answer: Flower
10. **Lion : Den :: Horse : ?**
Answer: Stable
11. **Fish : Water :: Bird : ?**
Answer: Air
12. **Cow : Calf :: Horse : ?**
Answer: Foal
13. **Man : House :: Lion : ?**
Answer: Den
14. **Finger : Hand :: Toe : ?**
Answer: Foot
15. **Tree : Forest :: Star : ?**
Answer: Galaxy
16. **Author : Book :: Composer : ?**
Answer: Music

17. **Soldier : Army :: Sailor : ?**
Answer: Navy
18. **Milk : Cow :: Wool : ?**
Answer: Sheep
19. **Bark : Dog :: Neigh : ?**
Answer: Horse
20. **Car : Road :: Train : ?**
Answer: Track
21. **Clock : Time :: Thermometer : ?**
Answer: Temperature
22. **Sugar : Sweet :: Lemon : ?**
Answer: Sour
23. **Knife : Sharp :: Pillow : ?**
Answer: Soft
24. **Teacher : Student :: Doctor : ?**
Answer: Patient
25. **Fish : Shoal :: Lion : ?**
Answer: Pride
26. **Bee : Hive :: Bird : ?**
Answer: Nest
27. **King : Palace :: Monk : ?**
Answer: Monastery
28. **Poet : Poem :: Painter : ?**
Answer: Painting
29. **Scissors : Cut :: Needle : ?**
Answer: Stitch
30. **Wheel : Car :: Propeller : ?**
Answer: Aeroplane
31. **2 : 4 :: 5 : ?**
Answer: 25
32. **3 : 9 :: 7 : ?**
Answer: 49
33. **4 : 16 :: 8 : ?**
Answer: 64
34. **5 : 25 :: 9 : ?**
Answer: 81
35. **6 : 36 :: 11 : ?**
Answer: 121
36. **7 : 49 :: 12 : ?**
Answer: 144
37. **8 : 64 :: 13 : ?**
Answer: 169
38. **9 : 81 :: 14 : ?**
Answer: 196
39. **10 : 100 :: 15 : ?**
Answer: 225
40. **11 : 121 :: 16 : ?**
Answer: 256
41. **2 : 8 :: 3 : ?**
Answer: 27

42. 3 : 27 :: 4 : ?

Answer: 64

43. 4 : 64 :: 5 : ?

Answer: 125

44. 5 : 125 :: 6 : ?

Answer: 216

45. 2 : 16 :: 3 : ?

Answer: 81

46. A : Z :: B : ?

Answer: Y

47. C : X :: D : ?

Answer: W

48. E : V :: F : ?

Answer: U

49. G : T :: H : ?

Answer: S

50. I : R :: J : ?

Answer: Q

PART 2 – CLASSIFICATION / ODD ONE OUT | 51–100

51. Apple, Mango, Banana, Potato

Answer: Potato

52. Dog, Cat, Cow, Sparrow

Answer: Sparrow

53. Rose, Lotus, Lily, Mango

Answer: Mango

54. January, March, May, Sunday

Answer: Sunday

55. Gold, Silver, Copper, Wood

Answer: Wood

56. Pen, Pencil, Eraser, Chair

Answer: Chair

57. Lion, Tiger, Leopard, Goat

Answer: Goat

58. Delhi, Mumbai, Kolkata, India

Answer: India

59. Red, Blue, Green, Table

Answer: Table

60. 2, 3, 5, 9

Answer: 9

61. 11, 13, 17, 21

Answer: 21

62. 4, 9, 16, 20

Answer: 20

63. **25, 36, 49, 60**
Answer: 60
64. **8, 27, 64, 100**
Answer: 100
65. **16, 25, 36, 48**
Answer: 48
66. **Monday, Tuesday, Friday, December**
Answer: December
67. **North, South, East, Up**
Answer: Up
68. **Circle, Square, Triangle, Red**
Answer: Red
69. **Iron, Steel, Plastic, Copper**
Answer: Plastic
70. **Cricket, Football, Hockey, Chess**
Answer: Chess
71. **Doctor, Engineer, Teacher, Hospital**
Answer: Hospital
72. **Car, Bus, Train, Station**
Answer: Station
73. **Eye, Nose, Ear, Hand**
Answer: Hand
74. **Keyboard, Mouse, Monitor, Printer**
Answer: Printer
75. **RAM, ROM, CPU, Keyboard**
Answer: Keyboard
76. **C, E, G, I, K**
Answer: No odd one
77. **A, C, E, G, J**
Answer: J
78. **B, D, F, H, K**
Answer: K
79. **Z, X, V, T, Q**
Answer: Q
80. **Y, W, U, S, P**
Answer: P
81. **2, 4, 6, 9**
Answer: 9
82. **3, 6, 9, 13**
Answer: 13
83. **5, 10, 15, 21**
Answer: 21
84. **7, 14, 21, 29**
Answer: 29
85. **10, 20, 30, 41**
Answer: 41
86. **1, 4, 9, 15**
Answer: 15
87. **1, 8, 27, 64, 100**
Answer: 100

88. 2, 6, 12, 20, 31
Answer: 31
89. 3, 6, 12, 24, 49
Answer: 49
90. 5, 10, 20, 40, 81
Answer: 81
91. AB, CD, EF, GH, JK
Answer: JK
92. AZ, BY, CX, DW, EU
Answer: EU
93. PQ, RS, TU, VW, XZ
Answer: XZ
94. LM, NO, PQ, RS, TV
Answer: TV
95. AC, EG, IK, MO, QS
Answer: QS
96. Monday, Wednesday, Friday, Sunday
Answer: No odd one
97. April, June, September, January
Answer: January
98. January, March, May, July
Answer: No odd one
99. February, April, June, August
Answer: February
100. Sunday, Tuesday, Thursday, Saturday
Answer: No odd one
-

PART 3 – NUMBER SERIES | 101–150

101. 2, 4, 6, 8, ?
Answer: 10
102. 5, 10, 15, 20, ?
Answer: 25
103. 3, 6, 9, 12, ?
Answer: 15
104. 10, 20, 30, 40, ?
Answer: 50
105. 7, 14, 21, 28, ?
Answer: 35
106. 1, 3, 5, 7, ?
Answer: 9
107. 11, 22, 33, 44, ?
Answer: 55
108. 100, 90, 80, 70, ?
Answer: 60
109. 50, 45, 40, 35, ?
Answer: 30

110. 81, 72, 63, 54, ?
Answer: 45
111. 2, 4, 8, 16, ?
Answer: 32
112. 3, 6, 12, 24, ?
Answer: 48
113. 5, 10, 20, 40, ?
Answer: 80
114. 4, 8, 16, 32, ?
Answer: 64
115. 7, 14, 28, 56, ?
Answer: 112
116. 1, 4, 9, 16, ?
Answer: 25
117. 4, 9, 16, 25, ?
Answer: 36
118. 9, 16, 25, 36, ?
Answer: 49
119. 25, 36, 49, 64, ?
Answer: 81
120. 36, 49, 64, 81, ?
Answer: 100
121. 1, 8, 27, 64, ?
Answer: 125
122. 8, 27, 64, 125, ?
Answer: 216
123. 27, 64, 125, 216, ?
Answer: 343
124. 2, 5, 10, 17, ?
Answer: 26
125. 3, 7, 13, 21, ?
Answer: 31
126. 4, 9, 16, 25, ?
Answer: 36
127. 5, 12, 21, 32, ?
Answer: 45
128. 6, 14, 24, 36, ?
Answer: 50
129. 7, 16, 27, 40, ?
Answer: 55
130. 8, 18, 30, 44, ?
Answer: 60
131. 2, 3, 5, 8, 12, ?
Answer: 17
132. 1, 2, 4, 7, 11, ?
Answer: 16
133. 5, 7, 10, 14, 19, ?
Answer: 25
134. 10, 12, 15, 19, 24, ?
Answer: 30

135. 20, 22, 25, 29, 34, ?
Answer: 40
136. 2, 6, 12, 20, 30, ?
Answer: 42
137. 3, 8, 15, 24, 35, ?
Answer: 48
138. 4, 10, 18, 28, 40, ?
Answer: 54
139. 5, 12, 21, 32, 45, ?
Answer: 60
140. 6, 14, 24, 36, 50, ?
Answer: 66
141. 100, 50, 25, 12.5, ?
Answer: 6.25
142. 64, 32, 16, 8, ?
Answer: 4
143. 729, 243, 81, 27, ?
Answer: 9
144. 625, 125, 25, 5, ?
Answer: 1
145. 256, 64, 16, 4, ?
Answer: 1
146. 2, 6, 18, 54, ?
Answer: 162
147. 3, 12, 48, 192, ?
Answer: 768
148. 5, 25, 125, 625, ?
Answer: 3125
149. 2, 8, 32, 128, ?
Answer: 512
150. 10, 30, 90, 270, ?
Answer: 810
-

PART 4 – ALPHABET SERIES | 151–200

151. A, B, C, D, ?
Answer: E
152. C, D, E, F, ?
Answer: G
153. Z, Y, X, W, ?
Answer: V
154. M, N, O, P, ?
Answer: Q
155. P, Q, R, S, ?
Answer: T
156. A, C, E, G, ?
Answer: I

157. **B, D, F, H, ?**
 Answer: J
158. **C, F, I, L, ?**
 Answer: O
159. **D, H, L, P, ?**
 Answer: T
160. **E, J, O, T, ?**
 Answer: Y
161. **Z, X, V, T, ?**
 Answer: R
162. **Y, V, S, P, ?**
 Answer: M
163. **X, T, P, L, ?**
 Answer: H
164. **W, R, M, H, ?**
 Answer: C
165. **A, D, G, J, ?**
 Answer: M
166. **B, E, H, K, ?**
 Answer: N
167. **C, G, K, O, ?**
 Answer: S
168. **D, I, N, S, ?**
 Answer: X
169. **E, K, Q, W, ?**
 Answer: C
170. **F, L, R, X, ?**
 Answer: D
171. **AB, CD, EF, GH, ?**
 Answer: IJ
172. **MN, OP, QR, ST, ?**
 Answer: UV
173. **AZ, BY, CX, DW, ?**
 Answer: EV
174. **AY, BW, CU, DS, ?**
 Answer: EQ
175. **AX, BV, CT, DR, ?**
 Answer: EP
176. **A1, B2, C3, D4, ?**
 Answer: E5
177. **A2, B4, C6, D8, ?**
 Answer: E10
178. **A3, B6, C9, D12, ?**
 Answer: E15
179. **A5, B10, C15, D20, ?**
 Answer: E25
180. **A10, B20, C30, D40, ?**
 Answer: E50
181. **ACE, BDF, CEG, ?**
 Answer: DFH

182. **BDF, CEG, DFH, ?**
 Answer: EGI
183. **XYZ, UVW, RST, ?**
 Answer: OPQ
184. **ABC, DEF, GHI, ?**
 Answer: JKL
185. **LMN, OPQ, RST, ?**
 Answer: UVW
186. **A, Z, B, Y, C, ?**
 Answer: X
187. **B, Y, C, X, D, ?**
 Answer: W
188. **C, X, D, W, E, ?**
 Answer: V
189. **D, W, E, V, F, ?**
 Answer: U
190. **E, V, F, U, G, ?**
 Answer: T
191. **Which letter is 5th to the right of H?**
 Answer: M
192. **Which letter is 4th to the left of P?**
 Answer: L
193. **Which letter is 7th to the right of C?**
 Answer: J
194. **Which letter is 6th to the left of M?**
 Answer: G
195. **Which letter is 10th after D?**
 Answer: N
196. **Which letter is 8th before R?**
 Answer: J
197. **What is the 13th letter of English alphabet?**
 Answer: M
198. **What is the 20th letter?**
 Answer: T
199. **What is the 23rd letter?**
 Answer: W
200. **What is the 26th letter?**
 Answer: Z

PART 5 – CODING–DECODING | 201–250

201. **If CAT = DBU, then DOG = ?**
 Answer: EPH
202. **If BAT = CBU, then MAN = ?**
 Answer: NBO
203. **If PEN = QFO, then BOOK = ?**
 Answer: CPPL

204. If SUN = TVO, then MOON = ?
Answer: NPPO
205. If RAM = SBN, then CAT = ?
Answer: DBU
206. If DOG = EPH, then COW = ?
Answer: DPX
207. If FISH = GJTI, then BIRD = ?
Answer: CJSE
208. If HOME = IPNF, then ROOM = ?
Answer: SPPN
209. If KING = LJOH, then QUEEN = ?
Answer: RVFFO
210. If LION = MJPO, then TIGER = ?
Answer: UJHFS
211. If A = 1, B = 2, C = 3, then CAB = ?
Answer: 3-1-2
212. If A = 1, B = 2, C = 3, then BAD = ?
Answer: 2-1-4
213. If A=1 and Z=26, what is the value of CAT?
Answer: 24
214. What is the value of DOG?
Answer: 26
215. What is the value of BAT?
Answer: 23
216. What is the value of PEN?
Answer: 35
217. What is the value of MAN?
Answer: 28
218. What is the value of SUN?
Answer: 54
219. What is the value of CAR?
Answer: 22
220. What is the value of BUS?
Answer: 42
221. If CAT is coded as 3120, how is DOG coded?
Answer: 4157
222. If BAD = 214, then CAB = ?
Answer: 312
223. If PEN = 16514, then CAT = ?
Answer: 3120
224. If DOG = 4157, then COW = ?
Answer: 31523
225. If MAN = 13114, then BOY = ?
Answer: 21525
226. If APPLE is coded as BQQMF, then MANGO = ?
Answer: NBOHP
227. If TABLE is coded as UBCMF, then CHAIR = ?
Answer: DIBJS
228. If HOUSE is coded as IPVTF, then MOUSE = ?
Answer: NPVTF

229. If SCHOOL is coded as TDIPPM, then COLLEGE = ?
Answer: DPMMFHF
230. If INDIA is coded as JOEJB, then BHARAT = ?
Answer: CIBSBU
231. If CAT = XZG using reverse alphabet coding, DOG = ?
Answer: WLT
232. If BAD = YZW, then MAN = ?
Answer: NZM
233. If PEN = KVM, then BOOK = ?
Answer: YLLP
234. If SUN = HFM, then MOON = ?
Answer: NLLM
235. If ABC = ZYX, then DEF = ?
Answer: WVU
236. If A=26, B=25, C=24, what is the code of CAT?
Answer: 24-26-7
237. If A=26 and Z=1, what is the value of DOG?
Answer: 23
238. If A=26 and Z=1, what is the value of BAT?
Answer: 49
239. If A=26 and Z=1, what is the value of PEN?
Answer: 43
240. If A=26 and Z=1, what is the value of CAT?
Answer: 57
241. In a code, MONDAY is written as NPOEBZ. How is FRIDAY written?
Answer: GSJEBZ
242. If TUESDAY = UVFTEBZ, then SUNDAY = ?
Answer: TVOEBZ
243. If FRIDAY = GSJEBZ, then MONDAY = ?
Answer: NPOEBZ
244. If JANUARY = KBOVBSZ, then MARCH = ?
Answer: NBSDI
245. If APRIL = BQSJM, then MAY = ?
Answer: NBZ
246. If DELHI = EFMIJ, then INDIA = ?
Answer: JOEJB
247. If MUMBAI = NVNCBJ, then DELHI = ?
Answer: EFMIJ
248. If PATNA = QBUOB, then BIHAR = ?
Answer: CJIBS
249. If RAJASTHAN = SBKBTUIBO, then GUJARAT = ?
Answer: HVKBSBU
250. If KOLKATA = LPMLBUB, then CHENNAI = ?
Answer: DIFOO BJ

PART 6 – BLOOD RELATION | 251–300

251. A is the father of B. B is the son of C. How is C related to A?
Answer: Wife
252. A is the mother of B. B is the brother of C. How is A related to C?
Answer: Mother
253. P is brother of Q. Q is sister of R. How is P related to R?
Answer: Brother
254. A is sister of B. B is father of C. How is A related to C?
Answer: Aunt
255. X is mother of Y. Y is father of Z. How is X related to Z?
Answer: Grandmother
256. P is father of Q. Q is mother of R. How is P related to R?
Answer: Grandfather
257. A is brother of B. B is mother of C. How is A related to C?
Answer: Maternal Uncle
258. A is sister of B. B is father of C. How is A related to C?
Answer: Paternal Aunt
259. P is son of Q. Q is daughter of R. How is R related to P?
Answer: Grandparent
260. A is daughter of B. B is son of C. How is C related to A?
Answer: Grandparent
261. A's father is B's father. How are A and B related?
Answer: Siblings
262. A's mother is B's mother. How are A and B related?
Answer: Siblings
263. P and Q are brothers. R is their sister. How is R related to P?
Answer: Sister
264. A is the wife of B. C is the son of A. How is B related to C?
Answer: Father
265. A is husband of B. C is daughter of B. How is A related to C?
Answer: Father
266. P is wife of Q. R is son of Q. How is P related to R?
Answer: Mother
267. A is husband of B. B is sister of C. How is A related to C?
Answer: Brother-in-law
268. P is wife of Q. Q is brother of R. How is P related to R?
Answer: Sister-in-law
269. A is brother of B. B is wife of C. How is A related to C?
Answer: Brother-in-law
270. P is sister of Q. Q is husband of R. How is P related to R?
Answer: Sister-in-law
271. A is the maternal uncle of B. Who is A's sister?
Answer: B's mother
272. A is paternal uncle of B. Who is A's brother?
Answer: B's father
273. A is grandmother of B. How is B related to A?
Answer: Grandchild
274. A is grandfather of B. How is B related to A?
Answer: Grandchild
275. A is nephew of B. How is B related to A?
Answer: Uncle/Aunt

276. A is niece of B. How is B related to A?
Answer: Uncle/Aunt
277. A's brother has a daughter B. How is B related to A?
Answer: Niece
278. A's sister has a son B. How is B related to A?
Answer: Nephew
279. A's son has a daughter B. How is B related to A?
Answer: Granddaughter
280. A's daughter has a son B. How is B related to A?
Answer: Grandson
281. If P is father of Q and Q is father of R, P is R's?
Answer: Grandfather
282. If P is mother of Q and Q is mother of R, P is R's?
Answer: Grandmother
283. If A is brother of B and B is sister of C, A is C's?
Answer: Brother
284. If A is sister of B and B is brother of C, A is C's?
Answer: Sister
285. If X is father of Y and Y is sister of Z, X is Z's?
Answer: Father
286. If X is mother of Y and Y is brother of Z, X is Z's?
Answer: Mother
287. A is son of B. B is son of C. C is son of D. How is D related to A?
Answer: Great-grandfather
288. A is daughter of B. B is daughter of C. C is daughter of D. D is A's?
Answer: Great-grandparent
289. P is brother of Q and Q is mother of R. P is R's?
Answer: Maternal Uncle
290. P is sister of Q and Q is father of R. P is R's?
Answer: Paternal Aunt
291. A is wife of B. B is brother of C. C is mother of D. A is D's?
Answer: Aunt
292. P is husband of Q. Q is sister of R. R is father of S. P is S's?
Answer: Uncle
293. A is father of B. C is sister of B. How is C related to A?
Answer: Daughter
294. P is mother of Q. R is brother of Q. How is R related to P?
Answer: Son
295. A is daughter of B. C is son of B. How are A and C related?
Answer: Sister and Brother
296. P is father of Q. R is daughter of Q. How is P related to R?
Answer: Grandfather
297. A is mother of B. B is father of C. C is mother of D. A is D's?
Answer: Great-grandmother
298. P is father of Q. Q is mother of R. R is father of S. P is S's?
Answer: Great-grandfather
299. A is uncle of B. B is daughter of C. C is A's?
Answer: Brother/Sister
300. A is aunt of B. B is son of C. C is A's?
Answer: Brother/Sister

PART 7 – DIRECTION SENSE | 301–350

301. Ravi walks 5 km North. In which direction is he from starting point?

Answer: North

302. Ravi walks 5 km South. Direction?

Answer: South

303. Ravi walks 5 km East. Direction?

Answer: East

304. Ravi walks 5 km West. Direction?

Answer: West

305. Ravi walks North then turns right. Direction?

Answer: East

306. Ravi walks North then turns left. Direction?

Answer: West

307. Ravi walks South then turns right. Direction?

Answer: West

308. Ravi walks South then turns left. Direction?

Answer: East

309. Facing East, Ravi turns left. Direction?

Answer: North

310. Facing East, Ravi turns right. Direction?

Answer: South

311. Facing West, turns left. Direction?

Answer: South

312. Facing West, turns right. Direction?

Answer: North

313. Facing North, turns 180°. Direction?

Answer: South

314. Facing East, turns 180°. Direction?

Answer: West

315. Facing North, turns 90° right. Direction?

Answer: East

316. Facing North, turns 90° left. Direction?

Answer: West

317. Facing South, turns 90° right. Direction?

Answer: West

318. Facing South, turns 90° left. Direction?

Answer: East

319. North-East lies between which directions?

Answer: North and East

320. South-East lies between?

Answer: South and East

321. South-West lies between?

Answer: South and West

322. North-West lies between?

Answer: North and West

323. A walks 3 km North and 4 km East. Distance from start?
Answer: 5 km
324. A walks 6 km North and 8 km East. Distance?
Answer: 10 km
325. A walks 5 km South and 12 km East. Distance?
Answer: 13 km
326. A walks 8 km West and 6 km South. Distance?
Answer: 10 km
327. A walks 9 km North and 12 km West. Distance?
Answer: 15 km
328. A walks 12 km East and 5 km North. Direction?
Answer: North-East
329. A walks 10 km West and 10 km South. Direction?
Answer: South-West
330. A walks 7 km East and 7 km North. Direction?
Answer: North-East
331. If sunrise is in front of a person, which direction is he facing?
Answer: East
332. If sunset is behind a person, which direction is he facing?
Answer: East
333. At noon, shadow generally falls in which direction in India?
Answer: North
334. If a person faces North, his shadow in the morning generally falls toward?
Answer: West
335. If a person faces South, his right hand points?
Answer: West
336. If a person faces North, his left hand points?
Answer: West
337. If a person faces East, his left hand points?
Answer: North
338. If a person faces West, his right hand points?
Answer: North
339. A walks 10 m North, then 10 m East. Final direction?
Answer: North-East
340. A walks 10 m South, then 10 m West. Final direction?
Answer: South-West
341. A walks 20 m East, then 20 m North, then 20 m West. Position?
Answer: 20 m North of starting point
342. A walks 15 m North, then 15 m South. Position?
Answer: Starting point
343. A walks 20 m East, then 10 m West. Position?
Answer: 10 m East
344. A walks 30 m North, then 10 m South. Position?
Answer: 20 m North
345. A walks 40 m West, then 15 m East. Position?
Answer: 25 m West
346. A walks 25 m South, then 10 m North. Position?
Answer: 15 m South
347. A walks East, North, West. Final direction from start?
Answer: North

348. A walks North, East, South. Final direction?

Answer: East

349. A walks West, South, East. Final direction?

Answer: South

350. A walks South, West, North. Final direction?

Answer: West

PART 8 – RANKING / ORDER | 351–400

351. Ravi is 5th from top and 16th from bottom. Total students?

Answer: 20

352. A is 8th from top and 12th from bottom. Total?

Answer: 19

353. P is 10th from top and 15th from bottom. Total?

Answer: 24

354. R is 7th from top and 9th from bottom. Total?

Answer: 15

355. S is 12th from top and 8th from bottom. Total?

Answer: 19

356. A is 3rd from left and 7th from right. Total?

Answer: 9

357. B is 5th from left and 10th from right. Total?

Answer: 14

358. C is 8th from left and 6th from right. Total?

Answer: 13

359. D is 10th from left and 11th from right. Total?

Answer: 20

360. E is 4th from left and 5th from right. Total?

Answer: 8

361. In a class of 30, A is 7th from top. Rank from bottom?

Answer: 24th

362. In a class of 40, B is 12th from top. Bottom rank?

Answer: 29th

363. In a class of 50, C is 20th from top. Bottom rank?

Answer: 31st

364. In a class of 25, D is 9th from top. Bottom rank?

Answer: 17th

365. In a class of 100, E is 35th from top. Bottom rank?

Answer: 66th

366. A is 5th from top. B is 3 places below A. B's rank?

Answer: 8th

367. A is 10th from top. B is 5 places above A. B?

Answer: 5th

368. A is 8th. B is 4 places below. B?

Answer: 12th

369. A is 15th. B is 7 places above. B?

Answer: 8th

370. A is 20th. B is 6 places below. B?
Answer: 26th
371. In a row, A is 6th from left. B is 4 places right of A. B?
Answer: 10th
372. A is 12th from left. B is 5 places left. B?
Answer: 7th
373. A is 15th from right. B is 3 places right. B?
Answer: 12th from right
374. A is 20th from right. B is 6 places left. B?
Answer: 26th from right
375. A is 7th from left and B is 9th from left. Who is ahead?
Answer: A
376. A is 11th and B is 6th from top. Who ranks higher?
Answer: B
377. P is 14th and Q is 18th from top. Who ranks lower?
Answer: Q
378. R is 5th and S is 2nd. Who ranks higher?
Answer: S
379. T is 9th and U is 13th. Who ranks higher?
Answer: T
380. In a row of 20, A is 7th from left. Position from right?
Answer: 14th
381. Row of 25, B is 10th from left. Right?
Answer: 16th
382. Row of 30, C is 17th from left. Right?
Answer: 14th
383. Row of 50, D is 25th from left. Right?
Answer: 26th
384. Row of 40, E is 31st from left. Right?
Answer: 10th
385. A is exactly in the middle of 21 people. Position?
Answer: 11th
386. Middle position of 31 people?
Answer: 16th
387. Middle position of 41 people?
Answer: 21st
388. Middle position of 51 people?
Answer: 26th
389. Middle position of 61 people?
Answer: 31st
390. A is 4th from left and B is 4th from right in a row of 15. Persons between?
Answer: 7
391. A is 5th from left and B is 8th from right in a row of 20. Between?
Answer: 7
392. A is 6th from left and B is 6th from right in a row of 20. Between?
Answer: 8
393. A is 8th from left and B is 7th from right in a row of 25. Between?
Answer: 10
394. A is 10th from left and B is 10th from right in a row of 30. Between?
Answer: 10

395. A is 3rd from left and B is 3rd from right in 10 people. Between?
Answer: 4
396. A is 2nd from left and B is 2nd from right in 8 people. Between?
Answer: 4
397. A is 5th from left and B is 5th from right in 12 people. Between?
Answer: 2
398. A is 4th from left and B is 6th from right in 15 people. Between?
Answer: 5
399. A is 7th from left and B is 5th from right in 20 people. Between?
Answer: 8
400. A is 10th from left and B is 5th from right in 20 people. Between?
Answer: 5
-

PART 9 – SYLLOGISM / LOGICAL REASONING | 401–450

401. All cats are animals. All animals are living beings. Conclusion: All cats are living beings.
Answer: True
402. All roses are flowers. All flowers are plants. Conclusion: All roses are plants.
Answer: True
403. All dogs are animals. Some animals are black. Conclusion: Some dogs are black.
Answer: Not necessarily true
404. All pens are stationery. Some stationery is expensive. Conclusion: Some pens are expensive.
Answer: Not necessarily true
405. All A are B. All B are C. Therefore all A are C.
Answer: True
406. No A is B. Some C are A. Can C be B?
Answer: Yes
407. All doctors are educated. Ravi is a doctor. Ravi is?
Answer: Educated
408. All engineers are graduates. Amit is an engineer. Amit is?
Answer: Graduate
409. No birds are mammals. Sparrow is a bird. Sparrow is?
Answer: Not a mammal
410. All fruits contain seeds. Apple is a fruit. Apple contains?
Answer: Seeds
411. Some A are B. Some B are C. Can some A be C?
Answer: Yes
412. All A are B. No B is C. Therefore no A is C.
Answer: True
413. All A are B. Some A exist. What can we conclude?
Answer: Some B exist

414. No A is B. Some A exist. What follows?
Answer: Some things are not B
415. All teachers are educated. Some educated people are writers. Are some teachers writers?
Answer: Not necessarily
416. All cars are vehicles. No vehicle is a tree. Can any car be a tree?
Answer: No
417. All students are learners. Some learners are athletes. Are some students athletes?
Answer: Not necessarily
418. Some books are novels. All novels are stories. Conclusion: Some books are stories.
Answer: True
419. Some doctors are writers. All writers are educated. Conclusion: Some doctors are educated.
Answer: True
420. Some A are B. All B are C. Conclusion: Some A are C.
Answer: True
421. All A are B. Some B are C. Conclusion: Some A are C.
Answer: Not necessarily
422. No A is B. All C are A. Conclusion: No C is B.
Answer: True
423. All A are B. No C is B. Conclusion: No C is A.
Answer: True
424. Some A are B. No B is C. Conclusion: Some A are not C.
Answer: True
425. All A are B. All C are A. Conclusion: All C are B.
Answer: True
426. All A are B. All B are C. Some C are D. Are some A D?
Answer: Not necessarily
427. Some A are B. Some A are C. Are some B necessarily C?
Answer: No
428. No A is B. Some B are C. Can some C be A?
Answer: No
429. All A are B. Some B are not C. Can these B be A?
Answer: Yes
430. All A are B. No B is C. Some A exist. Are those A C?
Answer: No
431. All students are intelligent. Raj is a student. Raj is?
Answer: Intelligent
432. All fruits are healthy. Mango is a fruit. Mango is?
Answer: Healthy
433. No fish are birds. Rohit is a fish. Rohit is?
Answer: Not a bird
434. All metals conduct electricity. Copper is a metal. Copper?
Answer: Conducts electricity
435. All squares are rectangles. All rectangles are quadrilaterals. Square is?
Answer: Quadrilateral

436. All politicians are leaders. Some leaders are teachers. Are some politicians teachers?
Answer: Not necessarily
437. Some teachers are writers. All writers are readers. Some teachers are?
Answer: Readers
438. All A are B. Some A are C. Therefore some C are B.
Answer: True
439. No A is B. Some C are A. Therefore some C are not B.
Answer: True
440. All A are B. No B is C. Therefore no A is C.
Answer: True
441. Some A are B. All B are C. Therefore some A are C.
Answer: True
442. Some A are B. No B is C. Therefore some A are not C.
Answer: True
443. All A are B. Some B are C. Therefore all A are C.
Answer: False
444. All A are B. Some C are A. Therefore some C are B.
Answer: True
445. No A is B. All C are B. Therefore no C is A.
Answer: True
446. All A are B. All C are B. Relationship between A and C?
Answer: Cannot be determined
447. Some A are B. Some B are C. Relationship between A and C?
Answer: Cannot be determined
448. All A are B. No A is C. What can be said about B and C?
Answer: Cannot be determined completely
449. No A is B. All A are C. Relationship between C and B?
Answer: A portion of C is not B
450. All A are B. All B are C. All C are D. A is?
Answer: D
-

PART 10 – MIXED SSC REASONING | 451–500

451. If today is Monday, what day will it be after 10 days?
Answer: Thursday
452. If today is Tuesday, what day after 15 days?
Answer: Wednesday
453. If today is Friday, what day after 21 days?
Answer: Friday
454. If today is Sunday, what day after 100 days?
Answer: Tuesday
455. If today is Wednesday, what day was it 10 days ago?
Answer: Sunday

456. If today is Monday, what day was it 15 days ago?
Answer: Sunday
457. How many days are there in a leap year?
Answer: 366
458. How many days are there in a normal year?
Answer: 365
459. How many odd days are there in a normal year?
Answer: 1
460. How many odd days are there in a leap year?
Answer: 2
461. How many months have 31 days?
Answer: 7
462. How many months have 30 days?
Answer: 4
463. How many days does February have in a leap year?
Answer: 29
464. How many days does February have normally?
Answer: 28
465. What is the angle between the hands at 3:00?
Answer: 90°
466. What is the angle at 6:00?
Answer: 180°
467. What is the angle at 12:00?
Answer: 0°
468. What is the angle at 9:00?
Answer: 90°
469. At 1:00, angle between hands?
Answer: 30°
470. At 2:00, angle between hands?
Answer: 60°
471. At 4:00, angle between hands?
Answer: 120°
472. At 5:00, angle between hands?
Answer: 150°
473. How many degrees does the minute hand move in one minute?
Answer: 6°
474. How many degrees does the hour hand move in one hour?
Answer: 30°
475. How many degrees does the hour hand move in one minute?
Answer: 0.5°
476. A clock gains 5 minutes per hour. How much does it gain in 4 hours?
Answer: 20 minutes
477. A clock loses 3 minutes per hour. Loss in 5 hours?
Answer: 15 minutes
478. If 2 January is Monday, what day is 9 January?
Answer: Monday
479. If 5 March is Wednesday, what day is 12 March?
Answer: Wednesday
480. If 10 April is Friday, what day is 17 April?
Answer: Friday

481. Find missing number: 2, 4, 8, ?
Answer: 16
482. Find missing number: 3, 9, 27, ?
Answer: 81
483. Find missing number: 5, 15, 45, ?
Answer: 135
484. Find missing number: 10, 20, 40, ?
Answer: 80
485. Find missing number: 100, 80, 60, ?
Answer: 40
486. If $1 + 2 = 5$, $2 + 3 = 13$, then $3 + 4 = ?$
Answer: 25
(Pattern: $a^2 + b^2$)
487. If $2 \times 3 = 13$ and $3 \times 4 = 25$, then $4 \times 5 = ?$
Answer: 41
(Pattern: $a^2 + b^2$)
488. If $4 + 5 = 41$, then $5 + 6 = ?$
Answer: 61
(Pattern: $a^2 + b^2$)
489. If $3 + 5 = 34$, then $4 + 6 = ?$
Answer: 52
(Pattern: $a^2 + b^2$)
490. If $5 + 7 = 74$, then $6 + 8 = ?$
Answer: 100
(Pattern: $a^2 + b^2$)
491. How many faces does a cube have?
Answer: 6
492. How many edges does a cube have?
Answer: 12
493. How many vertices does a cube have?
Answer: 8
494. How many faces does a cuboid have?
Answer: 6
495. How many edges does a cuboid have?
Answer: 12
496. How many vertices does a cuboid have?
Answer: 8
497. A cube is painted on all six faces and cut into 27 equal cubes. How many small cubes are formed?
Answer: 27
498. A cube is cut into 64 equal cubes. How many cubes are formed along each edge?
Answer: 4
499. A cube is cut into 125 equal cubes. How many cubes are formed along each edge?
Answer: 5
500. **Which reasoning topics are most important for SSC exams?**
Answer: Analogy, Classification, Series, Coding-Decoding, Blood Relations, Direction Sense, Ranking, Syllogism, Venn Diagram, Mathematical Operations,

Clock & Calendar, Puzzle, Figure Classification, Mirror Image, Water Image, Paper Folding and Embedded Figures.