

# G H Raisonni Skill Tech University, Nagpur Test

## 1-20: Error Spotting

1. Identify the error: *Each of the boys were given a prize.*  
A) Each of B) of the boys C) were D) given a prize
2. *Neither of the answers are correct.*  
A) Neither B) of the answers C) are D) correct
3. *The news are very shocking.*  
A) The B) news C) are D) shocking
4. *She is senior than me.*  
A) She B) is C) senior D) than me
5. *He asked that who I was.*  
A) He asked B) that C) who D) I was
6. *He is working here since five years.*  
A) is working B) here C) since D) five years
7. *One of my friend lives in Delhi.*  
A) One B) of C) my friend D) lives
8. *I look forward to meet you.*  
A) look forward B) to C) meet D) you
9. *She did not ate anything.*  
A) did not B) ate C) anything D) none
10. *He described about the accident.*  
A) He B) described C) about D) the accident
11. *Either Rohan or Sohan have taken the file.*  
A) Either B) or C) have D) taken
12. *The teacher as well as the students were present.*  
A) teacher B) as well as C) students D) were
13. *The committee have decided the matter.*  
A) committee B) have C) decided D) matter
14. *She is one of the best dancer in the club.*  
A) one B) of C) best dancer D) club
15. *He insisted to go home early.*  
A) insisted B) to C) go D) early
16. *Each boy and girl were given a prize.*  
A) Each B) boy and girl C) were D) given
17. *This is the book which I bought it yesterday.*  
A) book B) which C) bought it D) yesterday
18. *I prefer tea than coffee.*  
A) prefer B) tea C) than D) coffee
19. *She told that she would come.*  
A) told B) that C) she D) would
20. *He has completed the work yesterday.*  
A) has B) completed C) work D) yesterday

## 21-35: Synonyms

21. **Eminent**  
A) Unimportant B) Famous C) Lazy D) Ignorant

22. **Adequate**  
A) Enough B) Insufficient C) Strong D) High
23. **Reluctant**  
A) Tired B) Hesitant C) Clever D) Angry
24. **Conceal**  
A) Reveal B) Hide C) Empower D) Dislike
25. **Enormous**  
A) Tiny B) Huge C) Beautiful D) Scarce
26. **Temporary**  
A) Permanent B) Short-term C) Difficult D) Easy
27. **Swift**  
A) Slow B) Fast C) Rare D) Weak
28. **Obvious**  
A) Doubtful B) Certain C) Clear D) Hidden
29. **Generous**  
A) Kind B) Selfish C) Angry D) Proud
30. **Imitate**  
A) Copy B) Create C) Resist D) Alter
31. **Diligent**  
A) Lazy B) Careful C) Hard-working D) Shy
32. **Fragile**  
A) Strong B) Weak C) Vague D) Broken
33. **Harmony**  
A) Peace B) Fight C) Noise D) Conflict
34. **Intent**  
A) Purpose B) Accident C) Weakness D) Confusion
35. **Vigorous**  
A) Energetic B) Slow C) Calm D) Sad

**36-50: Antonyms**

36. **Ancient**  
A) Old B) Modern C) Weak D) Fast
37. **Complex**  
A) Simple B) Hard C) Rare D) Large
38. **Scarcity**  
A) Shortage B) Excess C) Weak D) None
39. **Miserable**  
A) Happy B) Lonely C) Wicked D) Rude
40. **Hostile**  
A) Friendly B) Angry C) Weak D) Large
41. **Just**  
A) Fair B) Partial C) Soft D) Late
42. **Artificial**  
A) Fake B) Natural C) Strong D) Weak
43. **Rigid**  
A) Hard B) Fixed C) Flexible D) Rough
44. **Idle**  
A) Lazy B) Active C) Dull D) Weak
45. **Transparent**  
A) Clear B) Thick C) Opaque D) Glassy

46. **Expand**  
A) Shrink B) Grow C) Extend D) Increase
47. **Accurate**  
A) Correct B) False C) Certain D) Safe
48. **Optimistic**  
A) Hopeful B) Pessimistic C) Active D) Angry
49. **Permanent**  
A) Temporary B) Long C) Strong D) Weak
50. **Familiar**  
A) Known B) Strange C) Friendly D) Easy

**51-70: Fill in the Blanks**

51. She is good \_\_\_\_ mathematics.  
A) at B) in C) on D) for
52. He succeeded \_\_\_\_ his efforts.  
A) because B) due C) because of D) with
53. We look forward \_\_\_\_ your reply.  
A) of B) to C) for D) at
54. He was tired \_\_\_\_ working.  
A) for B) from C) of D) on
55. The train arrived \_\_\_\_ time.  
A) at B) on C) in D) of
56. He is junior \_\_\_\_ me.  
A) to B) than C) from D) with
57. It depends \_\_\_\_ you.  
A) in B) at C) on D) for
58. She insisted \_\_\_\_ going.  
A) to B) on C) at D) for
59. I prefer tea \_\_\_\_ coffee.  
A) to B) than C) over D) with
60. He is afraid \_\_\_\_ snakes.  
A) from B) with C) of D) for
61. The teacher was angry \_\_\_\_ him.  
A) on B) at C) with D) for
62. I congratulated him \_\_\_\_ his success.  
A) for B) at C) on D) to
63. She is married \_\_\_\_ a doctor.  
A) with B) by C) for D) to
64. He is capable \_\_\_\_ doing it.  
A) of B) for C) at D) to
65. He is fond \_\_\_\_ music.  
A) of B) in C) with D) to
66. The meeting was postponed \_\_\_\_ Monday.  
A) on B) to C) at D) of
67. He deals \_\_\_\_ stationary goods.  
A) with B) in C) at D) for
68. The boy is blind \_\_\_\_ one eye.  
A) in B) of C) with D) at
69. She agreed \_\_\_\_ my proposal.  
A) to B) at C) with D) on

70. He apologized \_\_\_\_\_ his mistake.  
A) for B) at C) on D) of

**SECTION B — QUANTITATIVE APTITUDE (65 Questions)**

**71-85: Arithmetic**

71. 25% of 240 =  
A) 50 B) 60 C) 70 D) 80
72. Simple interest on ₹2000 at 10% for 2 years  
A) 200 B) 300 C) 400 D) 500
73. If cost price = ₹400, selling price = ₹500, profit% =  
A) 20% B) 25% C) 30% D) 40%
74.  $\frac{3}{5}$  of 200 =  
A) 60 B) 80 C) 100 D) 120
75. Ratio of 6:9 is equal to:  
A) 2:3 B) 3:2 C) 1:2 D) 4:5
76.  $0.75 \times 40 =$   
A) 20 B) 25 C) 30 D) 35
77. ₹500 increased by 10% becomes  
A) 510 B) 550 C) 600 D) 650
78. Average of 5, 10, 15 is  
A) 8 B) 10 C) 12 D) 15
79.  $\sqrt{144} =$   
A) 10 B) 11 C) 12 D) 13
80. LCM of 12 & 18:  
A) 24 B) 36 C) 48 D) 54
81. 15% of 200 =  
A) 20 B) 25 C) 30 D) 35
82. A man travels 60 km in 1 hour. His speed is  
A) 40 B) 50 C) 60 D) 80
83. If  $2x = 20$ ,  $x =$   
A) 20 B) 5 C) 10 D) 15
84. Compound interest is always  
A) More B) Less C) Same D) Zero
85. Area of rectangle =  $5 \times 8 =$   
A) 30 B) 35 C) 40 D) 45

**86-105: Algebra & Number System**

86.  $(a+b)^2 =$   
A)  $a^2 + b^2$  B)  $a^2 + 2ab + b^2$  C)  $2ab$  D) None
87. A prime number has  
A) 1 divisor B) 2 divisors C) 3 divisors D) Many
88. Largest 2-digit prime  
A) 89 B) 97 C) 99 D) 93
89. Value of  $2^3$   
A) 6 B) 8 C) 10 D) 12
90. If  $x = 3$ , value of  $x^2 + 2x$   
A) 9 B) 12 C) 15 D) 18
91. HCF of 20 & 28  
A) 4 B) 6 C) 8 D) 2
92.  $7^3 =$   
A) 240 B) 342 C) 343 D) 350

93.  $0.25 =$   
A)  $1/2$  B)  $1/4$  C)  $1/5$  D)  $1/8$
94. If  $3x = 18$ ,  $x =$   
A) 2 B) 4 C) 5 D) 6
95.  $1/0 =$   
A) 0 B) 1 C) Undefined D) Infinite
96. Square of 25  
A) 525 B) 650 C) 725 D) 625
97.  $15 \times 14$   
A) 190 B) 200 C) 210 D) 220
98.  $5! =$   
A) 20 B) 60 C) 120 D) 80
99.  $100 - 35 + 20 =$   
A) 95 B) 85 C) 75 D) 65
100.  $2^5 =$   
A) 24 B) 32 C) 64 D) 128
101.  $\frac{2}{3}$  of 90 =  
A) 40 B) 50 C) 60 D) 70
102.  $18 \div 0.5 =$   
A) 28 B) 36 C) 24 D) 18
103. The smallest composite number  
A) 1 B) 2 C) 4 D) 6
104. Simplify  $4^2 - 2^2$   
A) 12 B) 8 C) 4 D) 16
105.  $9^2 - 5^2 =$   
A) 36 B) 40 C) 50 D) 56

**106-135: Time, Work, Mensuration**

106. If A completes work in 10 days, work per day =  
A)  $1/5$  B)  $1/8$  C)  $1/10$  D)  $1/20$
107. Time = Distance  $\div$   
A) Speed B) Work C) Mass D) Force
108. If 2 workers finish a job in 6 days, 1 worker takes  
A) 6 B) 8 C) 10 D) 12
109. Speed = 60 km/h, time = 2 h  $\rightarrow$  distance =  
A) 80 B) 100 C) 120 D) 140
110. Perimeter of square with side 4 m  
A) 12 B) 14 C) 16 D) 20
111. Area of circle =  
A)  $2\pi r$  B)  $\pi r^2$  C)  $4\pi r$  D)  $r^2$
112. Volume of cube with side 5  
A) 25 B) 75 C) 125 D) 100
113. Train 120 m long passes pole in 6 sec  $\rightarrow$  speed =  
A) 10 B) 15 C) 20 D) 25
114. If A = 30 km/h, B = 40 km/h  $\rightarrow$  who is faster?  
A) A B) B C) Same D) None
115. One hour =  
A) 40 min B) 50 min C) 60 min D) 80 min
116. If radius doubles, area becomes  
A) 2 times B) 3 times C) 4 times D) 8 times

117. Work done =  
A) Time  $\times$  Speed B) Force  $\times$  Distance C) Mass  $\times$  Speed D) None
118. Simple interest formula:  
A)  $\frac{PTR}{100}$  B)  $\frac{(P+T+R)}{100}$  C)  $\frac{PT}{R}$  D)  $\frac{PR}{T}$
119. Area of triangle =  
A)  $bh$  B)  $\frac{1}{2}bh$  C)  $2bh$  D)  $b/h$
120. Circumference of circle  
A)  $\pi r^2$  B)  $\frac{1}{2}\pi r^2$  C)  $2\pi r$  D)  $\pi d$
121. Profit = SP -  
A) CP B) MP C) PP D) None
122. Loss = CP -  
A) SP B) PP C) MP D) None
123. 10% of ₹1500  
A) 100 B) 120 C) 150 D) 180
124. Compound interest is interest on  
A) Principal only B) Principal + interest C) Nothing D) Rate only
125. If time doubles, distance at same speed  
A) doubles B) triples C) halves D) none
126. 2 hours =  
A) 100 min B) 120 min C) 140 min D) 160 min
127. Area of square with diagonal  $d$   
A)  $d^2$  B)  $\frac{1}{2}d^2$  C)  $2d^2$  D)  $d^2/4$
128. 1 hectare =  
A) 100 sq m B) 1000 sq m C) 5000 sq m D) 10000 sq m
129. 1 km =  
A) 100 m B) 1000 m C) 10,000 m D) 500 m
130. Interest increases with  
A) Time B) Principal C) Rate D) All
131. If speed = 30 km/h, distance = 150 km  $\rightarrow$  time  
A) 3 h B) 4 h C) 5 h D) 6 h
132. Surface area of cube  
A)  $4a^2$  B)  $5a^2$  C)  $6a^2$  D)  $7a^2$
133. Volume of cylinder  
A)  $\pi r^2 h$  B)  $2\pi r h$  C)  $\pi r h^2$  D)  $\pi r^2$
134. If CP = ₹800, loss = 10%  $\rightarrow$  SP =  
A) 700 B) 720 C) 800 D) 900
135. 200% of 50 =  
A) 50 B) 100 C) 150 D) 200

### SECTION C — LOGICAL REASONING (65 Questions)

#### 136–150: Analogy

136. Dog : Bark :: Cat :  
A) Eat B) Meow C) Run D) Sit
137. Doctor : Hospital :: Teacher :  
A) School B) Office C) Bank D) Court
138. Book : Read :: Food :  
A) Buy B) Eat C) Cook D) Serve
139. Pen : Write :: Knife :  
A) Cut B) Eat C) Throw D) Hit
140. Wheel : Car :: Wing :  
A) Bird B) Aeroplane C) Ship D) Fish

141. King : Crown :: Soldier :  
A) Gun B) Helmet C) Medal D) Uniform
142. Eye : See :: Ear :  
A) Smell B) Touch C) Hear D) Walk
143. Sun : Day :: Moon :  
A) Light B) Night C) Sky D) Round
144. Mother : Female :: Father :  
A) Male B) Parent C) Brother D) Sister
145. Fish : Water :: Bird :  
A) Air B) Nest C) Wing D) Sky
146. Cold : Winter :: Hot :  
A) Summer B) Rain C) Dry D) Snow
147. Knife : Sharp :: Cotton :  
A) Soft B) Hard C) Light D) Thin
148. Heart : Pump :: Lungs :  
A) Digest B) Absorb C) Breathe D) Filter
149. India : Delhi :: Japan :  
A) Osaka B) Kyoto C) Tokyo D) Seoul
150. Reading : Knowledge :: Exercise :  
A) Strength B) Brain C) Food D) Sleep

**151-175: Series**

151. 2, 4, 6, 8, ...  
A) 9 B) 10 C) 11 D) 12
152. 5, 10, 15, ...  
A) 20 B) 22 C) 25 D) 30
153. 1, 4, 9, 16, ...  
A) 20 B) 25 C) 30 D) 36
154. 3, 6, 12, 24, ...  
A) 36 B) 48 C) 60 D) 72
155. 100, 90, 80, ...  
A) 60 B) 70 C) 50 D) 40
156. 11, 22, 44, 88, ...  
A) 132 B) 144 C) 160 D) 176
157. 1, 3, 7, 13, ...  
A) 18 B) 19 C) 20 D) 21
158. 21, 18, 15, 12, ...  
A) 10 B) 9 C) 8 D) 6
159. 2, 5, 10, 17, ...  
A) 24 B) 26 C) 28 D) 30
160. 8, 16, 32, ...  
A) 48 B) 56 C) 64 D) 72
161. 50, 45, 40, ...  
A) 30 B) 25 C) 35 D) 20
162. 4, 9, 19, 39, ...  
A) 59 B) 74 C) 79 D) 99
163. 12, 24, 48, ...  
A) 60 B) 72 C) 96 D) 108
164. 7, 14, 21, ...  
A) 25 B) 27 C) 28 D) 35

165. 1, 2, 4, 8, ...  
A) 10 B) 12 C) 14 D) 16
166. 6, 11, 16, 21, ...  
A) 26 B) 28 C) 30 D) 32
167. 10, 20, 40, ...  
A) 60 B) 70 C) 80 D) 90
168. 31, 28, 25, ...  
A) 20 B) 22 C) 24 D) 23
169. 2, 4, 12, 48, ...  
A) 96 B) 120 C) 144 D) 192
170. 14, 28, 42, ...  
A) 48 B) 56 C) 64 D) 72
171. 5, 9, 17, 33, ...  
A) 49 B) 57 C) 65 D) 41
172. 1, 1, 2, 3, 5, 8, ...  
A) 10 B) 11 C) 13 D) 15
173. 15, 30, 60, ...  
A) 90 B) 100 C) 110 D) 120
174. 80, 70, 60, ...  
A) 40 B) 50 C) 30 D) 20
175. 3, 9, 27, ...  
A) 36 B) 54 C) 81 D) 90

**176-200: Reasoning (Mixed)**

176. Which is different?  
A) Apple B) Mango C) Banana D) Potato
177. Odd one out:  
A) Red B) Blue C) Green D) Circle
178. If  $A=1, B=2, C=3 \rightarrow$  value of D  
A) 2 B) 3 C) 4 D) 5
179. A is brother of B. B is sister of C. C is brother of D. A is \_\_\_\_ of D.  
A) Brother B) Sister C) Cousin D) Father
180. Which direction is opposite of East?  
A) North B) South C) West D) East
181. Square has  
A) 2 sides B) 3 C) 4 D) 5
182. Which shape has 3 sides?  
A) Square B) Triangle C) Pentagon D) Hexagon
183. If  $9 = 81$ , then  $7 =$   
A) 14 B) 49 C) 63 D) 28
184. Which number comes next? 4, 8, 12, 16...  
A) 18 B) 20 C) 22 D) 24
185. Which is largest?  
A) 45% B) 0.5 C)  $\frac{3}{4}$  D)  $\frac{1}{3}$
186. Which is smallest?  
A) 0.2 B)  $\frac{1}{2}$  C) 0.8 D) 0.1
187. Which word comes first in dictionary?  
A) Zoo B) Zebra C) Zing D) Zero
188. A clock shows 3:00. Minute hand is at  
A) 3 B) 6 C) 9 D) 12

189. 5 is to 25 as 7 is to  
A) 28 B) 49 C) 35 D) 64
190. A man faces North, turns right →  
A) East B) West C) South D) North
191. Odd one:  
A) Cow B) Dog C) Goat D) Sparrow
192. If  $2 = 4$ ,  $3 = 9$ ,  $4 = 16 \rightarrow 6 =$   
A) 30 B) 36 C) 40 D) 42
193. How many months have 30 days?  
A) 3 B) 4 C) 6 D) 11
194. If opposite of hot is cold, opposite of tall is  
A) Short B) Big C) Small D) Light
195. Which is even?  
A) 17 B) 21 C) 24 D) 35
196. Find odd:  
A) 10 B) 20 C) 30 D) 33
197. Which is a vowel?  
A) B B) C C) E D) G
198.  $10 + 5 \times 2 =$   
A) 20 B) 25 C) 15 D) 30
199. Which is greater?  
A) 2.5 B) 2.05 C) 2.15 D) 2.25
200. One dozen =  
A) 8 B) 10 C) 12 D) 20