

171. The simplified value of $81 - [54 - (56 \div 8 - (18 - 32 \div 4) \div 4)]$ is:
 $81 - [54 - (56 \div 8 - (18 - 32 \div 4) \div 4)]$ का सरलीकृत मान ज्ञात कीजिए।

(RRB NTPC GRADUATE LEVEL CBT-1 2026)

[A] $\frac{63}{2}$

[B] $\frac{65}{2}$

[C] $\frac{71}{2}$

[D] $\frac{73}{2}$

$7 - 2.5$

$81 - [54 - 4.5]$

$= 27 + 4.5$

$= 31.5$

172. The simplified value of $52 - [71 - (66 \div 6 - (13 - 28 \div 7) \div 5)]$ is:
 $52 - [71 - (66 \div 6 - (13 - 28 \div 7) \div 5)]$ का सरलीकृत मान ज्ञात कीजिए।

(RRB NTPC GRADUATE LEVEL CBT-1 2026)

[A] $-\frac{49}{5}$

[B] $-\frac{48}{5}$

[C] $-\frac{52}{5}$

[D] $-\frac{56}{5}$

$$52 - \left[71 - \frac{46}{5} \right]$$

$$= -19 + \frac{46}{5}$$

$$= -\frac{49}{5}$$

$$11 - 9 = 2$$

173. Find the value of $\left\{3.46 + 3\frac{1}{4} - 5\frac{1}{8} + 4.25 + 0.165\right\}$.

$\left\{3.46 + 3\frac{1}{4} - 5\frac{1}{8} + 4.25 + 0.165\right\}$ का मान ज्ञात कीजिए।

(RRB NTPC 12th LEVEL CBT-1 2026)

[A] 7 = 5 + 1

[C] 6

$$.96 + .04 = 1$$

$$\frac{1}{8} = .125$$

$$3.46 = 3 + .46$$

[B] 7.4

[D] 6.8

$$3.46 + 3.25 - 5.125 + 4.25 + .165$$

174. **Simplify:/सरल कीजिए।**

$$\left(\frac{19}{18} \div \frac{19}{6}\right) \div \left(\frac{5}{18} \div \frac{16}{15} + \frac{4}{6}\right) + \frac{6}{8} \div \frac{24}{25} \text{ of } \frac{25}{8}$$

(RRB NTPC 12TH LEVEL CBT-1 2026)

$$\frac{19}{18} \times \frac{6}{19}$$

$$\frac{5}{18} \times \frac{15}{16} + \frac{2}{3}$$

$$\frac{6}{8} \times \frac{25}{24} = \frac{1}{4}$$

$$\frac{1}{3} \times \frac{32}{89} + \frac{1}{4}$$

$$\left(\frac{32}{89} + \frac{1}{4}\right) \text{ ans}$$

175. Find the value of $\left(3 + \frac{4}{3} \text{ of } 2\frac{1}{4} \div 2\frac{2}{5} - 2\frac{1}{4} \text{ of } 3\frac{1}{5}\right)$.

$\left(3 + \frac{4}{3} \text{ of } 2\frac{1}{4} \div 2\frac{2}{5} - 2\frac{1}{4} \text{ of } 3\frac{1}{5}\right)$ का मान ज्ञात कीजिए।

(RRB NTPC 12TH LEVEL CBT-1 2026)

[A] -2.95

[C] -1.48

~~$\frac{4}{3} \text{ of } \frac{9}{4}$~~

[B] 2.95

[D] 1.48

~~$3 \times \frac{5}{12} = \frac{15}{4}$~~

$$3 + 3 \div \frac{12}{5} - \frac{36}{5}$$

$$3 + 1.25 - 7.2$$

$$4.25 - 7.2 = -2.95$$

176. The value of $43 + [2 + \{55 - (28 \div 7)\} \div 3]$ is:

$43 + [2 + \{55 - (28 \div 7)\} \div 3]$ का मान ज्ञात कीजिए।

(RRB NTPC GRADUATE LEVEL CBT-1 2026)

[A] 55

[B] 68

[C] 62

[D] 65

177. The value of $67 - 9 \times [4 + 3 \times \{16 - 8(6 - 5) \times 2\} \div 32]$ is:

$67 - 9 \times [4 + 3 \times \{16 - 8(6 - 5) \times 2\} \div 32]$ का मान ज्ञात कीजिए।

(RRB NTPC 12TH LEVEL CBT-1 2026)

[A] 47

[B] 40

[C] 31

[D] 25

$$\begin{aligned} 67 - 36 \\ = 31 \end{aligned}$$

$$0 \div 32 = 0$$

178. Simplify: $5\frac{1}{6} \div 6.2 \times 0.75 \div \left(\frac{1}{5} \times 40\right)$.

$5\frac{1}{6} \div 6.2 \times 0.75 \div \left(\frac{1}{5} \times 40\right)$ का मान ज्ञात कीजिए।

(RRB NTPC GRADUATE LEVEL CBT-1 2026)

[A] $\frac{2}{17}$

[C] $\frac{7}{33}$

[B] $\frac{5}{64}$

[D] $\frac{9}{19}$

$\frac{5}{6} \times \frac{75}{8} = \frac{5 \times 75}{6 \times 8} = \frac{5 \times 25}{2 \times 8} = \frac{125}{16}$

179. Simplify the following:

निम्नलिखित को सरल बनाएं:

$$\frac{2}{7} + \frac{19}{5} - \frac{24}{10} + \left(\frac{4.8}{2.4}\right)^2 ?$$

(RRB RPF SI 2024)

[A] ✓ 199/35

[C] ✗ 131/35

[B] ✗ 119/35

[D] ✗ 101/35

$$= \frac{2}{7} + \frac{7}{5} + 4$$

= 4 सैकड़ा

180. Simplify: $0.5 + 0.2 \times 4.8 \div (2.4 \div 1.2) - 0.90 \div 2$.

$0.5 + 0.2 \times 4.8 \div (2.4 \div 1.2) - 0.90 \div 2$ को हल कीजिए।

(RRB NTPC GRADUATE LEVEL CBT-1 2026)

☒ [A] 0.53

[B] 0.51

[C] 0.50

[D] 0.52

$$.5 + .48 - .45$$

$$= .5 + .03$$

181. Find the value of $36 - [10 - 3 \{14 \div 2 - (10 \div 2 \times 3 - 4 + 7)\}]$.
 $36 - [10 - 3 \{14 \div 2 - (10 \div 2 \times 3 - 4 + 7)\}]$ का मान ज्ञात कीजिए।
(RRB NTPC GRADUATE LEVEL CBT-1 2026)

[A] -5

☒ [B] -7

[C] 5

[D] 7

36-43

182. Find the value of $\frac{2}{3} \div \frac{12}{11}$ of $8\frac{1}{4} + 4\frac{1}{7} - 5\frac{1}{2} \times 1\frac{1}{7} + 5\frac{1}{3}$.

$\frac{2}{3} \div \frac{12}{11}$ of $8\frac{1}{4} + 4\frac{1}{7} - 5\frac{1}{2} \times 1\frac{1}{7} + 5\frac{1}{3}$ का मान ज्ञात कीजिए।

[RRB Group- D 2025]

[A] $\frac{389}{53}$

[C] $\frac{511}{106}$

[B] $\frac{617}{189}$

[D] $\frac{131}{17}$

$\frac{2}{27} +$

~~$\frac{103}{11}$ of $\frac{33}{33}$~~

183. **Simplify:**/सरलीकृत कीजिए।

$$\left\{ \frac{20}{33} \div \frac{20}{5} \right\} \div \left(\frac{3}{5} \times \frac{10}{9} + \frac{2}{11} \right) + \frac{7}{4} \div \frac{28}{23} \text{ of } \frac{23}{4}$$

(RRB NTPC 12TH LEVEL CBT-1 2026)

[A] $\frac{19}{29}$

[C] $\frac{1}{2}$

$$\frac{2 \times 2}{3 \times 11} = \frac{28}{33}$$

[B] $\frac{23}{31}$

[D] $\frac{6}{19}$

$$\frac{7}{33} \times \frac{33}{28} + \frac{1}{4} = \frac{1}{2}$$

184. The value of $17^3 - 10^2 + \left(\frac{26}{13}\right)^2 - 12 + 20 \times 12$.

$17^3 - 10^2 + \left(\frac{26}{13}\right)^2 - 12 + 20 \times 12$ का मान ज्ञात कीजिए।

(RRB NTPC GRADUATE LEVEL CBT-1 2026)

[A] ~~5040~~

[B] ~~5046~~

[C] 5055

[D] 5045

$$4913 - 100 + 4 + 228$$

$$4913 + 132$$

185. **Simplify:**/सरल कीजिए।

$$[(120 - 24 \div (4 + 2)) \times 2 - (50 \div 5 + 6)] + [(18 + 12 \times 2 - 8) - (9 \div 3 + 5)]$$

(RRB JEE 2025)

[A] 252

[C] 262

☒ [B] 242

[D] 232

$$(34 - 8)$$

$$(232 - 16) + 26$$

$$= 242$$

186. **Simplfiy:/सरल कीजिए।**

$$\left(\frac{15}{24} \div \frac{15}{2}\right) \div \left(\frac{1}{8} \times \frac{16}{3} + \frac{1}{8}\right) + \frac{2}{11} \div \frac{19}{23} \text{ of } \frac{23}{11}.$$

(RRB JEE 2025)

[A] $-\frac{4}{24}$

[C] $\frac{7}{18}$

[B] $\frac{4}{19}$

[D] $-\frac{5}{23}$

H.W

187. **Simplify:**/सरल कीजिए।

$$\frac{(120-12) \div (24 \div 2) - 12 + 7}{5 \times 12 \div 10 - (6 \times 4) \div 12}$$

(RRB JEE 2025)

[A] $\frac{2}{3}$

[C] $\frac{3}{2}$

$$\frac{4}{4}$$

[B] -1

[D] 1

6-2

188. **Simplify:** सरल कीजिए।

$$\frac{[5 \text{ of } (2+4)] - \{6^2 \div 3\} + 2}{3 \text{ of } (5-2) \div 9}$$

(RPF CONSTABLE 2024)

[A] 16 $\frac{30 - 12 + 2}{1}$

[C] 22 $= 20$

[B] 20

[D] 18

189. **Simplify:**/सरल कीजिए।

$$[(36 + 4 \times (3 + 2 \times (5 - 2))) \div (6 + 3)] + [(40 - (6 + 3 \times 2)) + (8 \times 2 - 6)]$$

(RRB JEE 2025)

[A] 38

[B] 46

[C] 42

[D] 52

H.W

190. **Simplify:**/सरल कीजिए।

$$\left(\frac{5}{6} + \frac{2}{3}\right) \div \left(\frac{2}{5} + 0.3\right) \times 0.5 + \frac{5}{6}$$

(RPF CONSTABLE 2024)

[A] $\frac{5}{3}$ ~~$\frac{7}{6} \times \frac{5}{7} \times \frac{1}{2} + \frac{5}{6}$~~

[B] $\frac{1}{3}$

[C] $\frac{1}{6}$ $= \frac{3}{6}$

[D] $\frac{5}{6}$

$$\frac{4}{6} + \frac{3}{6}$$

191. The simplified value of $72 - (-98) \times (-31 - 58 - 19) \div [9 \times \{7 + (-2) \times (-6)\}]$ is:
 $72 - (-98) \times (-31 - 58 - 19) \div [9 \times \{7 + (-2) \times (-6)\}]$ का सरलीकृत मान ज्ञात कीजिए।
 (RRB NTPC GRADUATE LEVEL CBT-1 2026)

[A] $\frac{192}{19}$

[B] $\frac{182}{19}$

[C] $\frac{18}{19}$

[D] $\frac{188}{19}$

$$72 - (-98) \times \frac{-12}{19} = 72 - \frac{1176}{19}$$

$$= 72 - \frac{98 \times 12}{19} = 72 - \frac{1176}{19} = \frac{1368 - 1176}{19} = \frac{192}{19}$$

192. **Simplify:**/सरल कीजिए।

$$\frac{\left(\frac{15}{18}\right)}{\left(\frac{15}{3}\right)} \div \left(\frac{3}{6} \times \frac{12}{9} + \frac{12}{6}\right) + \frac{3}{8} \div \frac{18}{15} \text{ of } \frac{15}{8}.$$

(RRB JEE 2025)

[A] $\frac{7}{13}$

[C] $\frac{1}{3}$

[B] $\frac{2}{9}$

[D] $\frac{5}{7}$

$\frac{1}{6} + \frac{1}{6}$

193. Express the value of $35.63 - 47.058 + 10.36 - 24.28 + 5.316 \times 5$ as a vulgar fraction.

$35.63 - 47.058 + 10.36 - 24.28 + 5.316 \times 5$ का मान साधारण भिन्न के रूप में बताइए।

[RRB JE 2024]

[A]

~~$1\frac{21}{47}$~~

[C]

~~$1\frac{31}{48}$~~

~~[B]~~

~~$1\frac{29}{125}$~~

~~[D]~~

~~$2\frac{13}{58}$~~

Terminating Decimal

$$\frac{N}{2^a \times 5^b} =$$

$$\frac{5}{11} = .454545 \dots$$

$$\frac{1}{2} = .5$$
$$\frac{1}{8} = .125$$
$$\frac{1}{25} = .04$$

$$\frac{1}{3} = .333 \dots$$

194. Find the value of $1.356 + 4.25 \times 8 - 3.562 \times 6 + 7.5 \times 4$.

$1.35\textcircled{6} + 4.25 \times 8 - 3.562 \times 6 + 7.5 \times 4$ का मान ज्ञात कीजिए।

[A] 41.625

[B] 42.237

[C] 43.012

[D] 43.984

$$\begin{array}{r} \cdot +6 \\ +0 \\ -2 \\ \hline 4 \end{array}$$

195. Find the value of $8.25 \times 6 - 3.14 \times 7 + 2.758$ of $2.5 - 4.365 \times 5$.

$8.25 \times 6 - 3.14 \times 7 + 2.758$ of $2.5 - 4.365 \times 5$ का मान ज्ञात कीजिए।
(RRB JEE 2025)

[A] ~~12.97~~ ①

[B] 11.05 ⑦

[C] ~~11.82~~ ③

☒ [D] ~~12.59~~ ⑧

$$0 - 2 + 1 - 0$$

$$= -108 \text{ ⑧}$$

$$-179$$

196. Find the value of $2.5 \times 4 + 3.68 \div 4 - 8.46 \times 2 + 7.365 \times 4 + 2.8 \times 3 - 1.675 \times 2$.

$2.5 \times 4 + 3.68 \div 4 - 8.46 \times 2 + 7.365 \times 4 + 2.8 \times 3 - 1.675 \times 2$ निम्नांकित का मान ज्ञात कीजिए:

(RPF CONSTABLE 2024)

[A] 27.98

[B] 28.96

[C] 28.51

[D] 27.21



197. Find the value of $8.15 \times 0.35 - 2.36 \times 0.8 + 1.07 - 0.5 \times 0.8 - 2.56$.

$8.15 \times 0.35 - 2.36 \times 0.8 + 1.07 - 0.5 \times 0.8 - 2.56$ का मान ज्ञात कीजिए।

(RPF CONSTABLE 2024)

[A] ~~-0.6354~~

[B] ~~-0.4356~~

[C] ~~-0.2235~~

[D] -0.9255

$(8 + .15) \times .35$

$2.8 + .525 - 1.888 + .67 - 2.56$

$\approx 3.55 - 4.5$

≈ -1

198. The value of $\frac{1}{0.8} + \frac{1}{0.08} + \frac{1}{0.008} + \dots$ up to the seventh term is ____.

$\frac{1}{0.8} + \frac{1}{0.08} + \frac{1}{0.008} + \dots$ सातवें पद तक का मान ____ होगा।

(RPF CONSTABLE 2024)

[A] ~~138888.25~~ ×

[B] ~~138888.75~~ ③ ×

[C] ~~1388888.75~~ ②

[D] ~~13888888.75~~ → ① ×

$$\frac{1}{8} = .125 = \overset{\text{D.S}}{8}$$

$$\text{D.S} \rightarrow 8 \times 7 = 56 \rightarrow \text{②}$$

199. **Simplify:**/सरलीकृत कीजिए।

$$\frac{1\frac{1}{4} + 18.75 - 12\frac{2}{6} - 7\frac{6}{9}}{0.6 \times 8.7 - 6.98 \times 10.9}$$

(RPF CONSTABLE 2024)

[A] 1.6

[C] 1

[B] 0

[D] 0.75

H.W

200. **Simplify:**/सरल कीजिए।

$$0.848 \div 0.8 \times \frac{1}{2} + 0.125 \div \frac{5}{2} \times 0.4$$

^{1.06}
(RPF CONSTABLE 2024)

[A] 0.73

[C] 0.53

$$\frac{1}{8} \times \frac{2}{5} \times .4 = .02$$

☒ [B] 0.55

[D] 0.75

$$\frac{848}{1000}$$

$$.53 + .02$$

201. **Simplify:**/सरलीकृत कीजिए।

$$\left[\frac{1}{5} \text{ of } (\underbrace{5 \times 7}_{30} - 5) + 20 \div 5 \right] \div \left[\frac{0.27}{0.03} - \{ \underbrace{21 \div 3}_{7} + (\underbrace{2-3}_{-1}) \} + 5 \right]$$

(RPF CONSTABLE 2024)

~~[A] 1.25~~

~~[B] 1~~

~~[C] 2.5~~

~~[D] 2~~

$$10 \div (-2)$$

$$= -5$$

202. Simplify the following:

निम्नलिखित को सरल कीजिए:

$$2\frac{2}{9} \times 2\frac{2}{3} \times 567 + 8\frac{3}{4}$$

(RPF CONSTABLE 2024)

[A] 3347.25

[B] 3364.35

[C] 3368.75

[D] 3372.15

✓

$$\cancel{\frac{20}{9} \times \frac{8}{3} \times 567 + 8.75}$$

$$= 3360 + 8.75$$

203. A typist takes 40 minutes to type 2 pages. How long (in minutes) will he take to type 91 pages?

एक टाइपिस्ट को 2 पेज टाइप करने में 40 मिनट लगते हैं। उसे ~~91~~ पेज टाइप करने में कितना समय (मिनट में) लगेगा?

(RRB NTPC GRADUATE LEVEL CBT-1 2026)

[A] 1825

[B] 1810

[C] 1820

[D] 1830

204. Raghav earns a monthly salary of ₹24,000. He spends ₹7,500 on house rent and ₹3,500 on food and utility bills every month. The remaining amount is his monthly savings. In the month of his birthday, he spends his entire monthly saving on celebrations. Find Raghav's total savings in a year (in ₹).

राघव की मासिक आय ₹24,000 है। वह प्रत्येक महीने मकान किराए पर ₹7,500 और खाने-पीने व बिजली-पानी के बिलों पर ₹3,500 खर्च करता है। शेष राशि उसकी मासिक बचत है। अपने जन्मदिन वाले महीने में वह अपनी संपूर्ण मासिक बचत उत्सव मनाने में खर्च कर देता है। राघव की एक वर्ष की कुल बचत (₹ में) ज्ञात कीजिए।

// X/3000

(RRB NTPC GRADUATE LEVEL CBT-1 2026)

[A] 1,45,000

[B] 1,36,000

[C] 1,43,000

[D] 1,38,000

end

