RBI Grade B 2025: Number Series Questions & Solutions

Question 1: A series is 160, 120, 80, 60, 52

If another series 280, __, __, __, m follows the same pattern as the given number series, find the value of m.

A) 45

B) 58

C) 53

D) 48

E) 70

Question 2: The following numbers form a series followed by a (?). Find the odd one out first and then find that what will come in place of the question mark (?) according to the corrected series?

124, 131, 136, 144, 157, 170, ?

A) 124, 176

B) 144, 178

C) 157, 182

D) 136, 172

E) 157, 180

Question 3: The following numbers form a series. Find the odd one out.240, 480, 160, 640, 128, 768

A) 480

B) 160

C) 640

D) 768

E) None of these

Question 4: The following numbers form a series. Find the odd one out.

178, 190, 164, 206, 146, 190

A) 178

B) 164

C) 206

D) 190

E) 146

Question 5: The following numbers form a series. Find the odd one out.

134, 142, 149, 165, 173, 184

A) 165

B) 142

C) 184

D) 149

E) 173

ANSWER KEYS and SOLUTIONS:

1) - C)	2) - B)	3) - E)	4) - D)	5) - A)

Solution 1: C)

160 ÷ 2 + 40 = 120

120 ÷ 3 + 40 = 80

80 ÷ 4 + 40 = 60

60 ÷ 5 + 40 = 52

Therefore, next series will be:

280 ÷ 2 + 40 = 180

180 ÷ 3 + 40 = 100

100 ÷ 4 + 40 = 65

65 ÷ 5 + 40 = 53

Therefore, **m = 53**

Hence, option c.

Solution 2: B)

The following series follows the pattern: Number + sum of its digit

124 + (1 + 2 + 4) = 131

131 + (1 + 3 + 1) = 136

136 + (1 + 3 + 6) = 146

146 + (1 + 4 + 6) = 157

157 + (1 + 5 + 7) = 170

Therefore, next number should be

170 + (1 + 7 + 0) = 178

Hence, option b.

Solution 3: E)

240 × 2 = 480480 ÷ 3 = 160160 × 4 = 640640 ÷ 5 = 128128 × 6 = 768Therefore, series is correct Hence, option e.

Solution 4: D)

178 + (12 × 1) = 190

190 – (13 × 2) = 164

164 + (14 × 3) = 206

206 – (15 × 4) = 146

146 + (16 × 5) = 226

Therefore, 226 should come in place of 190.

Hence, option d.

Solution 5: A)

134 + (1 + 3 + 4) = 142

142 + (1 + 4 + 2) = 149

149 + (1 + 4 + 9) = 163

163 + (1 + 6 + 3) = 173

173 + (1 + 7 + 3) = 184

Therefore, 163 should come in place of 165.

Hence, option a.