JAGRAN Josh
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**Indian Overseas Bank Clerk Exam
Numerical Ability Solved Question Paper
2007**

Numerical Ability

Directions (Q. 101-125) What should come in place of question mark (?) in the following questions?

101. $0.05 \times 0.09 \times 5 = ?$
   1) 0.005   2) 0.0225   3) 0.025
   4) 0.225   5) None of these

102. $\dfrac{8.4 \times 4.2 \div 2.1}{2.1 \times 4.2 \div 8.4} = ?$
   1) 1   2) 1.6   3) 8
   4) 16   5) None of these

103. $(4)^2 + (3)^2 = (?)^2$
   1) 5   2) 14   3) 25
   4) 7   5) None of these

104. $\dfrac{18}{\sqrt{?}} = 2$
   1) 6   2) 18   3) 36
   4) 81   5) None of these

105. $81.23 + 1.79 + 3.07 = ?$
   1) 85.09   2) 85.19   3) 86.19
   4) 86.29   5) None of these

106. $12432 - 424 + 349 = ?$
   1) 12008   2) 12018   3) 12347
   4) 12357   5) None of these

107. $\dfrac{17.50}{7} = 8.145 - ?$
   1) 6.125   2) 3.475   3) 5.645
   4) 4.645   5) None of these

108. 48% of 75 = ?
   1) 36
   4) 156.25
   2) 375
   5) None of these
   3) 64

109. $\sqrt{?} + \dfrac{3}{5}$ of 80 = 60
   1) 12
   4) 400
   2) 20
   5) None of these
   3) 169

110. 1752 + 407 + 3764 = ?
   1) 4923
   4) 9586
   2) 5823
   5) None of these
   3) 5923

111. $\dfrac{\sqrt{100}}{?} = \dfrac{4}{40}$
   1) 10
   3) 85
   2) 40
   5) None of these
   3) 100

112. $\dfrac{78.4 \times 10 - \sqrt{484}}{13 \times 11 + 47 + (8)^2} = ?$
   1) 1.18
   4) 762
   2) 3
   5) None of these
   3) 3.49

113. 11.462 + 5.213 + ? = 23.025
   1) 6.35
   4) 63.5
   2) 6.035
   5) None of these
   3) 16.675

114. 100.86 – 62.682 – 4.6817
   1) 3.34963
   4) 33.3963
   2) 33.4953
   5) None of these
   3) 33.4963

115. $\dfrac{12 \times 8 + 4}{24 + 36 \times 6} = ?$
   1) $\dfrac{3}{10}$
   4) 10
   2) $3\dfrac{1}{2}$
   5) None of these
   3) $4\dfrac{12}{15}$

116. 45% of 80 + 35% of 60 = 40% of 120 + ?
   1) 9
   4) 21
   2) 12
   5) None of these
   3) 13

117. $\dfrac{5}{3} \times \dfrac{6}{5} \times \dfrac{4}{7} = ?$
   1) $1\dfrac{1}{7}$
   4) $\dfrac{12}{7}$
   2) $\dfrac{6}{7}$
   5) None of these
   3) $\dfrac{34}{7}$

118. 90112 – 3123 = ?
   1) 86989
   4) 96989
   2) 87099
   5) None of these
   3) 93235

119. 808 ÷ 8 ÷ 0.4 = ?
   1) 40.4
   4) 252.5
   2) 25.25
   5) None of these
   3) 202.05

120. 7386 + 3333 – ? = 10010
   1) 609
   4) 719
   2) 619
   5) None of these
   3) 729

121. $7358 + 2034 + ? = 12327$
    1) 2935   2) 2945   3) 3025
    4) 3935   5) None of these

122. $3\dfrac{1}{2} + ? + 2\dfrac{1}{6} = 7\dfrac{1}{4}$

    1) 6   2) $\dfrac{7}{2}$ 3) $\dfrac{81}{16}$
    4) 9   5) None of these

123. 12.5% of 192 = 50% of ?
    1) 24   2) 48   3) 96
    4) 1200   5) None of these

124. $4824 + 3570 + 347 = ?$
    1) 3641   2) 8651   3) 8741
    4) 8751   5) None of these

125. $4.16 \times 0.75 = ?$
    1) 0.312   2) 0.0312   3) 3.12
    4) 31.2   5) None of these

126. Due to lack of labourer, the output of a company decreased by 20%. What percentage of labourers should be increased to bring about the production same as that of earlier one?
    1) 10   2) 20   3) 25
    4) 50   5) None of these

127. If one third of marks scored by Rakesh in Psychology is equal to half of marks scored by him in Sociology and if the sum of the marks of both of the subjects is 60 then what marks did he obtain in Sociology?
    1) 20   2) 24   3) 30
    4) 36   5) None of these

128. A carpenter bought an old table at Rs 480 and spent 20% of it on repairing. If he wants to make a profit of Rs 144 then what percentage should be added in purchase price?
    1) 48   2) 50   3) 96
    4) 100   5) None of these

129. What should come in place of question mark (?) in the following question?
    4 : 13 :: 64 : ?
    1) 168   2) 198   3) 208
    4) 228   5) None of these

130. Average age of 12 men is 20 years. If age of one more man is added to it the average is decreased by one. Find out the age of that man.
    1) 5 years   2) 7 years   3) 9 years
    4) 19 years   5) None of these

131. Which number should come in place of both question marks (?)?

    $$\dfrac{?}{81} = \dfrac{144}{?}$$

    1) 108   2) 972   3) 1296
    4) 11664   5) None of these

132. What percentage should be added to 40 to make it 50?
   1) 15
   2) 20
   3) 75
   4) 80
   5) None of these

133. A train runs for 3 hrs at the speed of 40 km/hr and then $4\frac{1}{2}$ hours at the speed of 60 km/hr. Thus it covers $\frac{3}{5}$ th part of the whole distance, it wants to cover the remaining distance in 4 hours, the average speed of the train in km per hr should be
   1) 45
   2) 35
   3) 80
   4) 65
   5) None of these

134. Jayesh has taken a loan at an interest of 18% per annum from a cooperative committee. If after 4 years he returned Rs 9374 including interest then how much was the principal?
   1) Rs 5000
   2) Rs 5400
   3) Rs 5450
   4) Rs 5600
   5) None of these

135. A train is running at a speed of 42.5 km/hr. How much distance will it cover in 12 minutes?
   1) 85 m
   2) 850 m
   3) 8500 m
   4) 1700 m
   5) None of these

136. Two tie and four scarf cost Rs 1600, which is equivalent to the cost of one tie and six scarf. If a girl has to purchase 12 scarf then how much she will have to pay?
   1) Rs 1200
   2) Rs 1800
   3) Rs 2400
   4) Rs 4800
   5) None of these

137. In a school 35 girls stand in a column and there are 18 columns. If 30 girls stand in a column then what will be the number of such columns?
   1) 16
   2) 18
   3) 20
   4) 22
   5) None of these

138. In the following number series a wrong number is given. Find out that number.
   3 3 4.5 9 27 67.5 236.25 945
   1) 27
   2) 9
   3) 4.5
   4) 67.5
   5) None of these

139. Which is the smallest fraction among the following?
   1) $\frac{3}{4}$
   2) $\frac{6}{5}$
   3) $\frac{6}{7}$
   4) $\frac{2}{3}$
   5) $\frac{4}{5}$

140. What should come in place of question mark (?) in the following series?
   25 36 49 64 81 ?
   1) 98
   2) 100
   3) 121
   4) 144
   5) None of these

141. If 5 boys take 7 hours to pack 35 cartoons, then how many boys can pack 65 cartoons in 3 hours?
   1) 26
   2) 39
   3) 45
   4) 65
   5) None of these

142. Rs 600 becomes Rs 720 in 4 years when the interest is simple. If the rate of interest is increased by 2%, then what will be total amount?
    1) Rs 642
    2) Rs 724
    3) Rs 725
    4) Rs 768
    5) None of these

143. A grocer sold 100 kg of wheat which is a mixture of type A and type B wheat for Rs 1,100 and earned a profit of Rs 300. If the purchase prices of type A and type B wheat were Rs 10 and Rs 5 per kg respectively then what was the ratio of type A and type B wheat in the mixture?
    1) 2 : 3
    2) 3 : 2
    3) 2 : 5
    4) 5 : 2
    5) None of these

144. Annual income of A is 10% more than that of B whereas income of B is 20% more than that of C. If monthly income of C is Rs 2000 then what is the sum of monthly incomes of A, B and C?
    1) Rs 6,872
    2) Rs 7,046
    3) Rs 7,772
    4) Rs 7,872
    5) None of these

145. In the following series a wrong number is given. Find out that number.
    4, 5, 10, 18, 34, 59, 95
    1) 5
    2) 10
    3) 18
    4) 34
    5) None of these

146. In the following series a wrong number is given. Find out that number.
    6 7 19 20 40 45 69 70
    1) 7
    2) 19
    3) 20
    4) 40
    5) None of these

147. A car covers a distance of 200 km in 2 hours 40 minutes, whereas a jeep covers the same distance in 2 hours. What is the ratio of their speeds?
    1) 3 : 4
    2) 4 : 3
    3) 4 : 5
    4) 5 : 4
    5) None of these

148. The increase in population in some part of a city is 4% per year. If the population of that part of city in 1991 was 1.5 lakh then it increased in 1994 to
    1) 1.56 lakh
    2) 1.75 lakh
    3) 1.95 lakh
    4) 1.68 lakh
    5) None of these

149. Rs 2496 is spent in the floor repair of 30 × 16 ft hall. What is repair cost per square feet?
    1) Rs 7.80
    2) Rs 78.00
    3) Rs 12.48
    4) Rs 52.00
    5) None of these

150. Nandu purchased a mobile phone and got a discount of 5% from dealer. He sold that mobile phone at a profit of 10% on his purchase price. What is his percentage profit on actual price of the mobile phone?
    1) 2%
    2) 3%
    3) 4%
    4) 5%
    5) None of these

Answer

101	**(2)**	**126**	**(3)**
102	**(4)**	**127**	**(2)**
103	**(1)**	**128**	**(2)**
104	**(4)**	**129**	**(3)**
105	**(5)**	**130**	**(2)**
106	**(4)**	**131**	**(1)**
107	**(3)**	**132**	**(5)**
108	**(1)**	**133**	**(4)**
109	**(5)**	**134**	**(3)**
110	**(3)**	**135**	**(3)**
111	**(3)**	**136**	**(3)**
112	**(2)**	**137**	**(5)**
113	**(1)**	**138**	**(1)**
114	**(3)**	**139**	**(1)**
115	**(5)**	**140**	**(2)**
116	**(1)**	**141**	**(5)**
117	**(1)**	**142**	**(4)**
118	**(1)**	**143**	**(2)**
119	**(4)**	**144**	**(5)**
120	**(5)**	**145**	**(2)**
121	**(1)**	**146**	**(5)**
122	**(5)**	**147**	**(1)**
123	**(2)**	**148**	**(4)**
124	**(3)**	**149**	**(5)**
125	**(3)**	**150**	**(5)**