

BANK PO PHASE-I MOCK TEST-16 (SOLUTION)

GENERAL AWARENESS

- | | | |
|---------|---------|---------|
| 1. (1) | 2. (5) | 3. (3) |
| 4. (1) | 5. (3) | 6. (4) |
| 7. (4) | 8. (4) | 9. (5) |
| 10. (4) | 11. (2) | 12. (2) |
| 13. (2) | 14. (1) | 15. (3) |
| 16. (4) | 17. (4) | 18. (1) |
| 19. (4) | 20. (3) | 21. (5) |
| 22. (5) | 23. (4) | 24. (5) |
| 25. (2) | 26. (3) | 27. (5) |
| 28. (5) | 29. (1) | 30. (5) |
| 31. (1) | 32. (1) | 33. (1) |
| 34. (4) | 35. (3) | 36. (2) |
| 37. (4) | 38. (3) | 39. (4) |
| 40. (2) | | |

ENGLISH LANGUAGE

41. (3) To enable the people to live in a measure of physical and mental comfort.
42. (1)
43. (5)
44. (5) Because the electorate loses faith and trust in him and his ideologies.
45. (3) It is the voters who elect good or bad representatives and they get the same kind of governance.
46. (1)
47. (3) Majority of the people in Switzerland respect the law of the land.
48. (5) All the given points are relevant for making India a mature democracy.
49. (3) 50. (2) 51. (5)
52. (4) 53. (3) 54. (1)
55. (4) 56. (5)
57. (3) The sentence should start as - Should he do so
58. (3) Change the part - 'he seeks now on' with 'he now seeks'.
59. (1) It should be - Since Independence.
60. (5) 61. (4) 62. (1)
63. (5) 64. (3) 65. (2)
66. (5) 67. (3) 68. (2)
69. (5) 70. (4) 71. (4)
72. (1) 73. (3) 74. (2)
75. (5) 76. (3) 77. (1)
78. (4) 79. (2) 80. (5)

MATHS

81. (5) $? = 1111.1 + 111.11 + 11.111 = 1233.321$
82. (4) $12.4 \times ? \times 16.5 = 2905.32$
 $\Rightarrow ? = \frac{2905.32}{12.4 \times 16.5} = 14.2$
83. (3) $? = \sqrt[3]{4913} = \sqrt[3]{17 \times 17 \times 17} = 17$
84. (2) $? = \frac{8080}{80 \times 8} = 12.625$

85. (4) $? = \frac{84 \times 25}{100} \times \frac{85 \times 24}{100}$
 $= 21 \times 20.40$
 $= 428.4$

86. (3)

87. (4)

88. (4) $? \approx \frac{3}{5} \times \frac{1125}{1228} \times 7 \approx 4$

89. (2) $? \approx \frac{600 \times 20}{100} + \frac{900 \times 10}{100}$
 $\approx 120 + 90 \approx 210$

90. (3)

91. (1) If the number of all sweets be x , then

$$\frac{x}{280} - \frac{x}{420} = 1$$

$$\Rightarrow \frac{3x - 2x}{840} = 1 \Rightarrow x = 840$$

$$\therefore \text{Required answer} = \frac{840}{420} = 2$$

92. (1) Total possible outcomes = ${}^{52}C_1 = 52$

Favourable outcomes = 2

\therefore Required probability

$$= \frac{2}{52} = \frac{1}{26}$$

93. (1) D  C

A 14 metre B

$$\text{Required area} = \frac{1}{4} \times \frac{22}{7} \times 14 \times 14$$

$$= 154 \text{ sq. metre}$$

94. (5) Let Farah's age 8 years ago be x years
 Farah's present age = $(x + 8)$ years.

$$\therefore x + 8 = \frac{9x}{7} \Rightarrow 7x + 56 = 9x$$

$$\Rightarrow 2x = 56$$

$$\Rightarrow x = 28$$

Farah's present age = $28 + 8 = 36$ years

Here daughter's age 3 years ago

$$= 36 \times \frac{1}{6} - 3 = 3 \text{ years}$$

95. (2) Ratio of the equivalent capitals of Mrudul and Shalaka for one month
 $= 29500 \times 24 : 33500 \times 20$
 $= 354 : 335$
 Sum of the ratios = $354 + 335$
 $= 689$

□ Mrudul's share

$$= ₹ \left(\frac{354}{689} \times 120575 \right)$$

$$= ₹ 61950$$

96. (4) Part of the tank filled in 1 hour when all the taps are opened

$$= \frac{1}{4} + \frac{1}{6} - \frac{1}{3}$$

$$= \frac{3+2-4}{12} = \frac{1}{12}$$

97. (2) Average profit earned by three companies in 2008

$$= ₹ \left(\frac{400 + 450 + 350}{3} \right) \text{ crore}$$

$$= ₹ 400 \text{ crore}$$

98. (5) Required difference in 2007 = ₹ 25 crore

99. (4) Total profit earned by three companies:
 Year 2009

$$\Rightarrow ₹ (400 + 425 + 475) \text{ crore}$$

$$= ₹ 1300 \text{ crore}$$

Year 2008

$$\Rightarrow ₹ (450 + 400 + 350) \text{ crore}$$

$$= ₹ 1200 \text{ crore}$$

100. (1) Required percentage increase

$$= \frac{375 - 275}{275} \times 100 \approx 36$$

101. (3) Required difference = ₹ (400 - 300) crore
 $= ₹ 100 \text{ crore}$

102. (2) The pattern is

$$3523 - 3459 = 64 = 4^3$$

$$3459 - 3243 = 216 = 6^3$$

$$\therefore ? = 3243 - 8^3 = 3243 - 512$$

$$= 2731$$

$$2731 - 1731 = 1000 = 10^3$$

$$1731 - 3 = 1728 = 12^3$$

103. (3) The pattern is:

$$10 \times 2 - 2 = 20 - 2 = 18$$

$$18 \times 2 - 2 = 36 - 2 = 34$$

$$34 \times 2 - 2 = 68 - 2 = \mathbf{66}$$

$$66 \times 2 - 2 = 132 - 2 = 130$$

104. (3) The pattern is:

$$4 \times 2 + 2 = 10$$

$$10 \times 3 + 3 = 33$$

$$33 \times 4 + 4 = 136$$

$$136 \times 5 + 5 = 680 + 5 = \mathbf{685}$$

105. (3) The pattern is:

$$4000 \div 5 = 800$$

$$800 \div 2 = \mathbf{400}$$

$$400 \div 5 = 80$$

$$80 \div 2 = 40$$

$$40 \div 5 = 8$$

106. (4) The pattern is:

$$3 \times 1 + 1^3 = 4$$

$$4 \times 2 + 2^3 = 8 + 8 = 16$$

$$16 \times 3 + 3^3 = 48 + 27 = 75$$

$$75 \times 4 + 4^3 = 300 + 64 = 364$$

$$364 \times 5 + 5^3 = 1820 + 125 = \mathbf{1945}$$

107. (2) Required answer = $150 + 144 + 29 = 323$

108. (2) Required percentage = $\frac{90}{288} \times 100 \approx 31$

109. (3) Required average = $\frac{135 + 150 + 144 + 58}{4}$

$$= \frac{487}{4} = 121.75$$

110. (3) Required ratio

$$= 150 : 135 = 10 : 9$$

111. (5) Required difference = $225 - 29 = 196$

112. (3) Speed of car = $\frac{\text{Distance}}{\text{Time}}$

$$= \frac{487}{4} = 60 \text{ kmph}$$

$$\text{Speed of train} = 2 \times 60 = 120 \text{ kmph}$$

$$\therefore \text{Speed of bike} = \frac{2}{3} \times 120 = 80 \text{ kmph}$$

$$\therefore \text{Distance covered by bike in 5 hours} = 5 \times 80 = 400 \text{ km}$$

113. (3) Sum of the angles of a quadrilateral = 360°

$$\therefore 3x + 4x + 6x + 5x = 360^\circ$$

$$\Rightarrow 18x = 360^\circ$$

$$\Rightarrow x = 20^\circ$$

$$\therefore \text{The largest angle of the quadrilateral} = 6 \times 20 = 120^\circ$$

$$\therefore \text{Smaller angle of parallelogram}$$

$$= 120 \times \frac{2}{3} = 80^\circ$$

$$\therefore \text{Its adjacent angle}$$

$$= 180 - 80 = 100^\circ$$

114. (4) According to the question, $\frac{P \times R \times 6}{100}$

$$= \frac{P \times R \times 4}{100} \times \frac{150}{100}$$

This relation gives no result.

115. (5)



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116. (5) I. $\sqrt{x-18} = \sqrt{144} - \sqrt{49}$
 $\Rightarrow x = 25 - 18 = 7$

II. $y^2 = 473 - 409 = 64$

$\Rightarrow y = \sqrt{64} = \pm 8$

117. (4) I. $x^2 - 7x + 12 = 0$

$\Rightarrow (x-3)(x-4) = 0$

$\therefore x = 3$ or 4

II. $y^2 - 9y + 20 = 0$

$\Rightarrow (y-4)(y-5) = 0$

$\therefore y = 4$ or 5

Clearly, $x \leq y$

118. (3) Dividing equation I by II,

$$\frac{(y-x)(y+x)}{y-x} = \frac{32}{2}$$

$\Rightarrow y+x = 16$... (i)

$y-x = 2$... (ii)

Adding both equations,

$2y = 18$

$\Rightarrow y = 9$

From equation (i),

$x = 16 - 9 = 7$

Clearly, $x < y$

119. (5) I. $\sqrt{x} - \frac{\sqrt{5}}{\sqrt{x}} = 0$

$\Rightarrow x = \sqrt{5}$

II. $y^3 = 5^{3/2}$

$\Rightarrow y = \sqrt{5}$

120. (1)

121. (1) Average number of women

$$= \left(\frac{37.5 + 30 + 25 + 37.5 + 35}{5} \right) \times 100000$$

$= 3300000$

122. (5) Total number of students in universities

P and R = $(30 + 37.5 + 42.5 + 25)$ lakh

$= 13500000$

123. (2) Required ratio

$= (37.5 + 30) : (42.5 + 27.5)$

$= 67.5 : 70 = 27 : 28$

124. (4) Required percentage

$$= \frac{40}{(25 + 37.5)} \times 100 = 64$$

125. (3) Number of males in university T

$$= 27.5 \times \frac{150}{100} = 41.25 \text{ lakh}$$

\therefore Required number of students

$= (41.25 + 35)$ lakh

$= 76.25$ lakh = 7625000

126. (5) $\frac{80 \cdot 104}{100} = 83.2$

127. (2) $\frac{275}{110} \cdot 100 = 250\%$

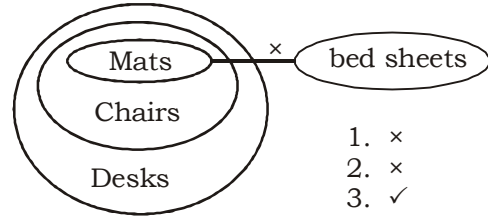
128. (4) 16.66 : 20
8333 : 500

129. (3) $466.4 - 275$
191.4

130. (3) $\frac{(466.4 - 76)}{466.4} \cdot 100 = 83.7\%$

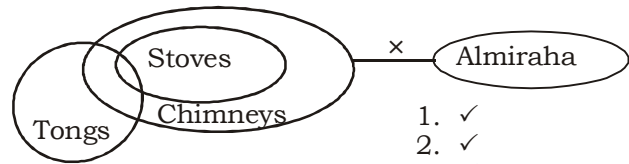
REASONING

131. (4)



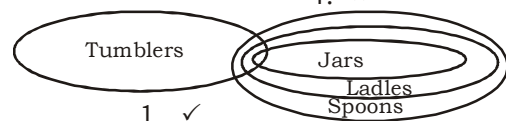
1. x
2. x
3. ✓
4. ✓

132. (2)



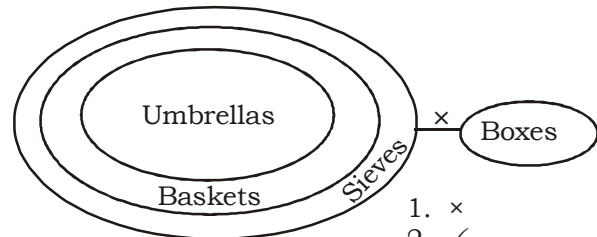
1. ✓
2. ✓
3. ✓
4. x

133. (2)



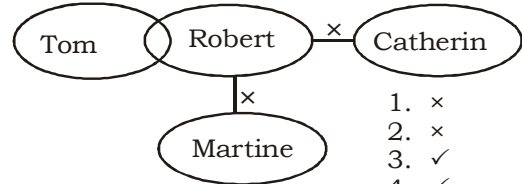
1. ✓
2. ✓
3. ✓
4. x

134. (5)



1. x
2. ✓
3. x
4. x

135. (5)



1. x
2. x
3. ✓
4. ✓

(36-40):

S.N.	Person	Club				Came			Sex	
		Ma.	Ar.	Ch.	Cri.	Hoc.	Foo.	M	F	
1.	P	x	x	✓	x	✓	x	✓	x	
2.	Q	✓	x	x	x	—	—	—	—	
3.	R	x	✓	x	x	—	—	✓	x	
4.	S	x	✓	x	✓	x	x	x	✓	
5.	T	x	✓	x	x	—	—	—	✓	
6.	U	x	x	✓	✓	x	x	x	✓	
7.	V	✓	x	x	x	—	—	—	—	

136. (4)

137. (3)

138. (2)



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139. (2) 140. (3)
141. (2) The new series obtained after the change is as follows:
 AI@RXWS • HCDJNM#Q6195L
 TF★δUG32B47Z\$VEU8
 Now, the required element is (10+9=) 19th element from the left, ie 9.
142. (3)
- | | | | | | | | | |
|---|----|---|----|---|----|---|----|---|
| ★ | +5 | 9 | +5 | M | +5 | H | +5 | R |
| 5 | +1 | 9 | +1 | 1 | +1 | 6 | +1 | Q |
| S | -2 | H | -2 | D | -2 | N | -2 | # |
143. (2) We have to search for Number - Consonant - Number sequence and Number - Consonant - Letter sequence.
 B23GUFδ★FTL5916Q#MNJD
 CH•SWXR@IA47Z\$VEY8
 Only 'G' is such a consonant.
144. (5) Other are in order from left to right.
145. (1)
146. (4) I is not advisable because of reasons. First, it is not prudent to take action against all such employees, because there may be some employees who are on leave for genuine reasons. Second, a proper enquiry must be made and a notice should be sent to such employees in this regard. Taking hasty action does not seem judicious. In other words, course of action I is a harsh one. Hence, not advisable. Course of action II is also not advisable on similar grounds.
147. (5) I is advisable, because it will reduce the menace of accidents by putting a check on the load on rail lines. II is also advisable because upgradation and introduction of new technology will ensure more safety to a great extent.
148. (5) Both I and II are advisable. Efforts made by major firms collaboratively will be a pragmatic approach. Hence, I is advisable. II is also advisable, because this will reduce the menace up to some extent.
149. (2) I is not advisable because it is not a rational way to tackle the problem. II is advisable because the move will reduce the miseries of the artistes.

150. (2) I is not advisable because no threat should be taken lightly. II is advisable because it will be helpful in improving the viewership of Doordarshan.

(151-152)

- 781 → rose is red
 276 → old is gold
 698 → old looked red
 8 → red
 1 → rose
 7 → is
 6 → old
 2 → gold
 9 → looked
151. (4)
152. (1)
153. (3) Here, Gagan is 12th from the right, ie 14th from the left. Therefore, the position of Manoj is 14 + 5 + 1 = 20th from the left.
154. (1)
155. (4) According to the statement of Vicky, the woman is either his mother or aunt.
156. (2)
- | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | A | T | H | E | M | A | T | I | C | I | A | N |
| | | | | | | | | | | | | |
157. (4) $\frac{11}{22} \times 26 + 79 - 29$ of 4 = - 24
- (158-161):**
- | Child | Age | Father | Mother |
|-------|-----|--------|--------|
| A | 6 | N | I |
| B | 4 | M | J |
| C | 5 | P | K |
| D | 3 | Q | H |
| E | 9 | O | G |
158. (5)
159. (4)
160. (4) Even by using both the statements together gender of Tanya cannot be determined. So, we cannot say if Tanya is mother or father of Dhruv.
161. (2) Using statement II only we get a unique solution that Q is not wearing a red cap.
162. (1) Using statement I only we can determine that is an odd number but using II only we cannot determine.



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163. (1) **Input:** Star 62 Rose 72 59 Tiger Gun 42
Step I: 42 62 Rose 72 59 Tiger Gun Star
Step II: 42 Tiger Rose 72 59 62 Gun Star
Step III: 42 Tiger 59 72 Rose 62 Gun Star
Step IV: 42 Tiger 59 Star Rose 62 Gun 72
Step V: 42 Tiger 59 Star 62 Rose Gun 72
Step VI: 42 Tiger 59 Star 62 Rose 72 Gun
 For the final output only 6 steps are required.

164. (4) **Input:** Lemo 43 56 37 King 21 Network Master
Step I: 21 43 56 37 King 21 Lemon Network Master
Step II: 21 Network 56 37 King Lemon 43 Master
Step III: 21 Network 37 56 King Lemon 43 Master
Step IV: 21 Network 37 Master King Lemon 43 56
Step V: 21 Network 37 Master 43 Lemon King 56
Step VI: 21 Network 37 Master 43 Lemon 56 King
 No such given step is there so given step is not possible from the given input.

165. (*) **Input:** "52 June March 42 April September 92 November 62 82" after the steps no. 6 will be "42 September 52 November 62 March 92 June April 82".

166. (1)

167. (5) Input can not be found out from any of the step. So it is not possible to get input.

(168-170):
 ek la ki → don't touch flower ... (1)
 ra ku → respect teachers ... (2)
 ek ra le → don't hurt teachers ... (3)
 From (1) and (2), ek → don't ... (4)
 From (2) and (3), ra → teachrs ... (5)

168. (2)
 169. (4)
 170. (3)
 171. (2) 172. (4) 173. (1)
 174. (2) 175. (3) 176. (4)
 177. (1) $X \geq D > Z, P \leq D$
 I. $D \leq P$; True
 II. $P \leq Z$; False
 178. (4) $O = N \geq A, L \leq M$
 I. $N \geq M$; False
 II. $O \geq M$; False
 179. (5) $P \geq H \geq J \geq Z$
 I. $J \leq H$; True
 II. $Z \leq H$; True
 180. (4) $A > B; P \geq L = S$
 I. $B \geq L$; False
 II. $L < B$; False
 181. (5) 182. (1) 183. (2)
 184. (4) 185. (2) 186. (4)
 187. (1) 188. (1) 189. (3)
 190. (2) 191. (*){F11} 192. (3)
 193. (3) 194. (5) 195. (3)
 196. (5) 197. (4) 198. (3)
 199. (2) 200. (2)



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Vocabularies

Word	Meaning in English	Meaning in Hindi
Topical	Connected with something that is happening or of interest at the present time	प्रासंगिक
Axiom	A rule or principle that many people accept as true	सिद्धांत
Consent	To agree to do or allow something : to give permission for something to happen or be done	सहमति देना
Patronage	The system by which an important person gives help or a job to somebody in return for their support	संरक्षण
Fraternity	A group of people sharing the same profession, interests or beliefs	बिरादरी भाईचारा
Bemoan	To complain or say that you are not happy about something	विलाप करना
Misled	To give somebody the wrong idea or impression and make them believe something that is not true	बहकाना
Unscrupulous	Not honest or fair	
Plead	Appeal or request earnestly	निवेदन करना
Oblivious	Not conscious or aware of someone or something	बेखबर
Voluntarily	done or given because you want to and not because you are forced to : done or given by choice	निवेदन करना
Abide by	To accept and act according to a law, an agreement, etc.	नियमों का पालन करना
Transgress	To do something that is not allowed : to disobey a command or law	स्वेच्छा से
Compliance	The act or process of doing what you have been asked or ordered to do	समर्पण, आज्ञापालन
Comply with	To act or be in accordance with wishes, requests, demands, requirements, conditions, etc.	आज्ञा का पालन करना
Sovereignty	A country's independent authority and the right to govern itself	प्रभुसत्ता
Prevail	Prove superior(of ideas, opinions, etc.) to be accepted,	अभिभावी होना, प्रचलित होना
Ethnicity	The fact of belonging to a particular race	जातीयता
Orator	A person who makes speeches and is very good at making them	वक्ता



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SBI PO PHASE -I MOCK TEST - 16 (ANSWER KEY)

- | | | | | |
|---------|---------|----------|----------|----------|
| 1. (1) | 41. (3) | 81. (5) | 121. (1) | 161. (2) |
| 2. (5) | 42. (1) | 82. (4) | 122. (5) | 162. (1) |
| 3. (3) | 43. (5) | 83. (3) | 123. (2) | 163. (1) |
| 4. (1) | 44. (5) | 84. (2) | 124. (4) | 164. (1) |
| 5. (3) | 45. (3) | 85. (4) | 125. (3) | 165. (3) |
| 6. (4) | 46. (1) | 86. (3) | 126. (5) | 166. (1) |
| 7. (4) | 47. (3) | 87. (4) | 127. (2) | 167. (5) |
| 8. (4) | 48. (5) | 88. (4) | 128. (4) | 168. (2) |
| 9. (5) | 49. (3) | 89. (2) | 129. (3) | 169. (4) |
| 10. (4) | 50. (2) | 90. (3) | 130. (3) | 170. (3) |
| 11. (2) | 51. (5) | 91. (1) | 131. (4) | 171. (2) |
| 12. (2) | 52. (4) | 92. (1) | 132. (2) | 172. (4) |
| 13. (2) | 53. (3) | 93. (1) | 133. (2) | 173. (1) |
| 14. (1) | 54. (1) | 94. (5) | 134. (5) | 174. (2) |
| 15. (3) | 55. (4) | 95. (2) | 135. (5) | 175. (3) |
| 16. (4) | 56. (5) | 96. (4) | 136. (4) | 176. (4) |
| 17. (4) | 57. (3) | 97. (2) | 137. (3) | 177. (4) |
| 18. (1) | 58. (3) | 98. (5) | 138. (2) | 178. (4) |
| 19. (4) | 59. (1) | 99. (4) | 139. (2) | 179. (5) |
| 20. (3) | 60. (5) | 100. (1) | 140. (3) | 180. (4) |
| 21. (5) | 61. (4) | 101. (3) | 141. (2) | 181. (3) |
| 22. (5) | 62. (1) | 102. (2) | 142. (3) | 182. (1) |
| 23. (4) | 63. (5) | 103. (3) | 143. (2) | 183. (2) |
| 24. (5) | 64. (3) | 104. (3) | 144. (5) | 184. (4) |
| 25. (2) | 65. (2) | 105. (3) | 145. (1) | 185. (2) |
| 26. (3) | 66. (5) | 106. (4) | 146. (4) | 186. (4) |
| 27. (5) | 67. (3) | 107. (2) | 147. (5) | 187. (1) |
| 28. (5) | 68. (2) | 108. (2) | 148. (5) | 188. (1) |
| 29. (1) | 69. (5) | 109. (3) | 149. (2) | 189. (3) |
| 30. (5) | 70. (4) | 110. (3) | 150. (2) | 190. (2) |
| 31. (1) | 71. (4) | 111. (5) | 151. (4) | 191. (*) |
| 32. (1) | 72. (1) | 112. (3) | 152. (1) | 192. (3) |
| 33. (1) | 73. (3) | 113. (3) | 153. (3) | 193. (3) |
| 34. (4) | 74. (2) | 114. (4) | 154. (1) | 194. (5) |
| 35. (3) | 75. (5) | 115. (5) | 155. (4) | 195. (3) |
| 36. (2) | 76. (3) | 116. (5) | 156. (2) | 196. (5) |
| 37. (4) | 77. (1) | 117. (4) | 157. (4) | 197. (4) |
| 38. (3) | 78. (4) | 118. (3) | 158. (5) | 198. (3) |
| 39. (4) | 79. (2) | 119. (5) | 159. (4) | 199. (2) |
| 40. (2) | 80. (5) | 120. (1) | 160. (4) | 200. (2) |

Note:- If you face any problem regarding result or marks scored, please contact 9313111777

Note:- If your opinion differs regarding any answer, please message the mock test and question number to 8860330003