China's Central Government

Ministry of Public Safety and People's Armed Police

Entrance Qualification Exam 2018

1. The answer to this question is:

   (a) a
   (b) b
   (c) c
   (d) d

2. The answer to question 5 is:

   (a) c
   (b) d
   (c) a
   (d) b

3. Which one of the following questions has a different answer than the other three:

   (a) Question 3
   (b) Question 6
   (c) Question 2
   (d) Question 4

4. Which pair of questions has the same answer:

   (a) Question 1 and 5
   (b) Question 2 and 7
   (c) Question 1 and 9
   (d) Question 6 and 10

5. Which one of the following questions has the exact same answer as this question (question 5):

   (a) Question 8

(b) Question 4

(c) Question 9

(d) Question 7

6. Which pair of questions has the exact same answer as question 8 (meaning that both of them has the answer of question 8):

   (a) Question 2 and 4

   (b) Question 1 and 6

   (c) Question 3 and 10

   (d) Question 5 and 9

7. Amongst all 10 questions of this exam, which letter was chosen the least amount of time:

   (a) c

   (b) b

   (c) a

   (d) d

8. Which one of the following questions has an answer that is not adjacent to the answer of question 1 in the English alphabet (Example: if question 1 has answer 'b', and question 7 has answer 'd', then you should choose 'a' for this question, because 'd' and 'b' are not adjacent in the English alphabet):

   (a) Question 7

   (b) Question 5

   (c) Question 2

   (d) Question 10

9. Let $p =$ [the answers of question 1 and question 6 are the same] and $q =$ [the answers of question x and question 5 are the same]. If $p \bigwedge q =$ false, and $p \bigvee q =$ true, then what is x:

   (a) 6

   (b) 10

   (c) 2

   (d) 9

10. Amongst all 10 questions of this exam, let t be the letter that was chosen the most often, and let r be the letter that was chosen the least often. Let $|t|$ be the number of times t was chosen, and let $|r|$ be the number of times r was chosen. What is $|t| - |r|$:

(a) 3
(b) 2
(c) 4
(d) 1