

2022宁夏高一上学期人教A版(2022)高中数学月考试卷

1. \_\_\_\_\_

已知集合  $A = \{1, 2, 3\}$ ,  $B = \{2, 3\}$ , 则 ( )

- A.  $A = B$  B.  $A \cap B = \emptyset$  C.  $A \subseteq B$  D.  $B \subseteq A$

2. \_\_\_\_\_

已知集合  $M = \{x | x + 1 \geq 0\}$ ,  $N = \{x | x^2 < 4\}$ , 则  $M \cap N =$  ( )

- A.  $(-\infty, -1]$  B.  $[-1, 2)$  C.  $(-1, 2]$  D.  $(2, +\infty)$

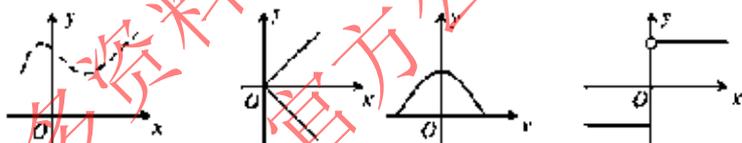
3. \_\_\_\_\_

若集合  $A = \{x | 0 < x < 2\}$ ,  $B = \{x | -1 < x < 1\}$ , 则  $(\complement_A A) \cap B =$  ( )

- A.  $\{x | 0 \leq x \leq 1\}$  B.  $\{x | 1 \leq x < 2\}$  C.  $\{x | -1 < x \leq 0\}$  D.  $\{x | 0 \leq x < 1\}$

4. \_\_\_\_\_

下列四个图像中 (如图), 属于函数图象的是



- (1) (2) (3) (4)

- A. (1)(2) B. (1)(3)(4) C. (2)(3)(4) D. (1)(2)(3)(4)

5. \_\_\_\_\_

已知全集  $U = \{0, 1, 2, 3, 4\}$ ,  $M = \{2, 3, 4\}$ ,  $N = \{0, 1, 2, 3\}$ ,

则图中阴影部分所表示的集合为 ( )

- A.  $\{2, 3\}$  B.  $\{0, 1, 2\}$  C.  $\{1, 2, 3\}$  D.  $\{0, 1\}$