

2019~2020学年天津和平区高一下学期期中数学试卷(答案)

一、选择题

1. D
2. A
3. C
4. D
5. B
6. A
7. C
8. B

二、填空题

9. $\frac{\sqrt{5}}{5}; \frac{2}{5}$
10. 0.032
11. (1) 30°
(2) $\frac{3\sqrt{3}}{2}$
12. $-\frac{5}{3}$

三、解答题

13. (1) $\frac{1}{4}$.
(2) $\frac{5}{16}$.
14. (1) 60° .
(2) $\frac{5}{7}$.
15. (1) $n = 50, x = 0.03, y = 0.004$.
(2) 众数为75, 中位数为71, 平均数为70.6.
16. (1) $P(X=0) = \frac{1}{27}, P(X=1) = \frac{2}{9}, P(X=2) = \frac{4}{9},$
 $P(X=3) = \frac{8}{27}$.
(2) $\frac{20}{243}$.