

令和2年度後期日程入学試験【数学E】

1

(1) (あ) 4 (い)  $\frac{\pi}{6}$  (う)  $64i$

(2) (え) 5 (お)  $e$

(3) (か)  $-1$  (き) 3 (く)  $4x+2$

(4) (け)  $\frac{x^3}{12}$

(5) (こ)  $\frac{1}{8}$

(6) (さ)  $-\frac{2}{3}$  (し)  $\frac{\sqrt{42}}{3}$  (す)  $\frac{\sqrt{14}}{2}$

(7) (せ)  $-3 < x < 3$

(8) (そ)  $110011_{(2)}$

(9) (た)  $\frac{\sqrt{2}+\sqrt{6}}{4}$  (ち)  $-2-\sqrt{3}$

(10) (つ)  $\frac{1}{9}$

2

(1) (て)  $10\pi(z^2 - 2z + 2)$

(2) (と)  $\frac{80}{3}\pi$