

15.4 ANSWERS

(Objective Ex. 15.1)

Q	1	2	3	4	5
A	C	D	C	D	B

(Subjective Ex. 15.2)

1. (i) $\frac{1}{2}$ (ii) $\frac{15}{36}$ (iii) $\frac{1}{6}$ (iv) $\frac{11}{36}$

2. $\frac{2}{7}$

3. (i) $\frac{x}{12}$ (ii) 3

4. (i) $\frac{9}{17}$ (ii) $\frac{8}{17}$

5. 24

6. (i) $\frac{4}{13}$ (ii) $\frac{1}{26}$ (iii) $\frac{11}{13}$ (iv) $\frac{2}{13}$

7. $\frac{2}{3}$

8. $\left(1 - \frac{\pi}{4}\right)$

9. (i) $\frac{1}{5}$ (ii) $\frac{12}{25}$ (iii) $\frac{17}{25}$ (iv) $\frac{14}{25}$

10. $\frac{3}{5}$

11. (i) $\frac{1}{23}$ (ii) $\frac{5}{46}$