

15.3 ANSWER KEY

(Objective 17.1)

Qus.	1	2	3	4	5	6	7	8	9	10
Ans.	D	A	C	C	C	D	A	A	B	C

(Subjective 17.2)

1. $\frac{1}{9}$

2. (H, 1) (H, 2) (H, 3) (H, 4) (H, 5) (T, 1) (T, 2) (T, 3) (T, 4) (T, 5) (T, 6)

3. $\{6, (1, 6) (2, 6) (3, 6) (4, 6) (5, 6) (1, 1, 6) (1, 2, 6), \dots\}$

4. $\left(\frac{1}{2}, \frac{7}{8}, \frac{3}{8}\right)$

5. $\left(\frac{1}{2}, \frac{5}{12}, \frac{1}{12}\right)$

6. $\left(\frac{103}{108}\right)$

7. $\left(\frac{2}{7}\right)$

8. (i) $\frac{7}{16}$ (ii) $\frac{9}{16}$

9. (a) $\frac{3}{10}$ (b) $\frac{11}{30}$ (c) $\frac{1}{3}$

10. $\frac{13}{18}$

11. $\frac{3}{8}$

12. (i) $\frac{7}{20}$ (ii) $\frac{13}{20}$

13. $\frac{3}{8}$

14. (i) $\frac{1}{2}$ (ii) $\frac{3}{25}$ (iii) $\frac{2}{25}$ (iv) $\frac{9}{100}$

15. (i) $\frac{1}{4}$ (ii) $\frac{17}{24}$ (iii) $\frac{3}{4}$

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

17. $\frac{8}{19}, \frac{8}{19}, \frac{16}{19}, \frac{9}{19}$

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