Fractions – 5

1. Value of equivalent fraction are different. Mark True / False.

a) True b) False

2. Value of a mixed fraction is greater than 1. Mark True / False.

a) True b) False

3. Change $\frac{145}{7}$ into mixed fraction.

a) $20\frac{5}{9}$ b) $20\frac{9}{5}$

c) $20\frac{5}{7}$ d) None of these

4. Which one is the equivalent fraction?

a) $\frac{5}{7}$ and $\frac{10}{21}$ b) $\frac{5}{7}$ and $\frac{20}{28}$

c) $\frac{5}{7}$ and $\frac{25}{42}$ d) None of these

5. What is the simplest form of $\frac{60}{75}$?

a) $\frac{5}{7}$ b) $\frac{4}{5}$

c) $\frac{12}{15}$ d) None of these

6.

Which fraction denotes this figure?

a) $\frac{3}{8}$ b) $\frac{5}{8}$

c) $\frac{4}{5}$ d) None of these

7. Which fraction should be added to $\frac{4}{5}$, so that the result will be $\frac{5}{4}$?

a) $\frac{3}{20}$ b) $\frac{7}{20}$

c) $\frac{9}{20}$ d) None of these

8. There are 600 students in a school. $\frac{4}{5}$ of them went to see a cricket match. How many students did not go to see the match?

a) 480 b) 120

c) 220 d) 420

9. X is 3 times of Y. If X = $\frac{2}{5}$, then find the value of X + Y.

a) $\frac{4}{5}$ b) $\frac{7}{5}$

c) $1\frac{3}{5}$ d) $\frac{3}{5}$

10. Which number should be multiplied by $\frac{24}{45}$ so that the resulting fraction becomes $\frac{8}{5}$.

a) 2 b) 3

c) 4 d) 5