Class 07 Chapter Fraction Practice paper -1

Q.1. what is fraction. What is its type?

Q.2. what is vulgar, Decimal, improper and mixed fractions?

Q.3. Simplify: $(i)\ 7 - 4\frac{2}{7}$ $(ii)\ 8 - 4\frac{1}{2} - 2\frac{1}{2}$

Q.4.Find :
$(i)\ \frac{4}{9} of\ 54\ m$ $(ii)\ \frac{6}{7} of\ 35\ litre$ $(iii) \frac{5}{7} of\ a\ year$ $(iv)\ \frac{7}{20} of\ a\ kg$ $(v)\ \frac{1}{6} of\ an\ hour$ $(vi) \frac{7}{8}\ of\ a\ day$

Q.5. Find the reciprocal of (i) $(\frac{4}{7} \div \frac{9}{14})$ (ii) $1\frac{3}{4}$

Q.6. Arrange in ascending order: $\frac{2}{5}, \frac{3}{10}, \frac{9}{14}, \frac{16}{35}$

Q.7. Arrange in descending order: $\frac{2}{3}, \frac{3}{5}, \frac{7}{10}, \frac{8}{15}$

Q.8. Kartik divided one fruit cake equally among five persons. What part of the cake he gave to each person?

Q.9. Write 3/4 as a fraction with denominator 44

Q.10. Write 5/6 as a fraction with numerator 60

Q.11. Subtract $1\frac{1}{4}\ from\ 6\frac{1}{2}$

Q.12. Rectangle is divided into certain number of equal parts. If 16 of the parts so formed represent the fraction 1/4 , find the number of parts in which the rectangle has been divided.

Q.13. Mr. Rajan got a job at the age of 24 years and he got retired from the job at the age of 60 years. What fraction of his age till retirement was he in the job?

Q.14. A cup is $\frac{1}{3}$ full of milk. What part of the cup is still to be filled by milk to make it full?

Q.15. Kartik ate 4/7 part of apple and given the remaining to his sister Summi. Who ate more and by how much?

Q.16. Of 2/3 and 5/9 , which is greater and by how much?

Q17. (i)What should be added to $7\frac{3}{5}$ to get 18 (ii) What should be subtracted from $17\frac{3}{4}$ to get $11\frac{2}{3}$

Q.18. In a class of 40 students , $\frac{1}{5}$ of the total number of students like to study English, $\frac{2}{5}$ of the total number like to study mathematics and the remaining students like to study Science. (i) How many students like to study English? (ii) How many students like to study Mathematics? (iii) What fraction of the total number of students like to study Science?

Q.19. A picture is $7\frac{3}{5}\ cm$ wide .How much should it be trimmed to fit in frame $7\frac{3}{10}\ cm\ wide$

Q.20. A rectangular sheet of paper is $15\frac{3}{4}\ cm long\ and\ 12\frac{1}{2}\ cm\ wide$ find its perimeter.