INDIAN SCHOOL MUSCAT – MIDDLE SECTION – DEPARTMENT OF MATHEMATICS – TERM: 02 (2018 – 19)

NAME OF THE STUDENT: **CLASS :05 SEC : ROLL NO:**

DATE : 14.10.2018 **SUBJECT: MATHEMATICS** **TOPIC : FRACTIONS - I** **WORKSHEET NO : 01**

Q.NO:01

S.NO	MCQ	ANSWER
(i)	The equivalent fraction of $\frac{3}{5}$ is _____ (a) $\frac{5}{3}$ (b) $\frac{21}{50}$ (c) $\frac{25}{15}$ (d) $\frac{15}{25}$	
(ii)	The improper fraction of $4\frac{2}{7}$ is _____ (a) $\frac{30}{7}$ (b) $\frac{30}{2}$ (c) $\frac{30}{4}$ (d) $\frac{7}{30}$	
(iii)	The lowest form of $\frac{48}{72}$ is _____ (a) $\frac{3}{7}$ (b) $\frac{3}{2}$ (c) $\frac{2}{3}$ (d) $\frac{6}{9}$	
(iv)	$\frac{1}{19}$ is a _____ type of fraction (a) Improper (b) Unit (c) Mixed	
(v)	The mixed fraction of $\frac{9}{2}$ is _____ (a) $4\frac{2}{1}$ (b) $2\frac{1}{4}$ (c) $2\frac{2}{3}$ (d) $4\frac{1}{2}$	

S.NO	ANSWER THE FOLLOWING
2	Write four equivalent fractions for the following: (a) $\frac{7}{8}$ (b) $\frac{4}{9}$ (c) $1\frac{2}{3}$
3	Reduce the following fractions to its lowest term by dividing the numerator and denominator by their HCF. (a) $\frac{45}{60}$ (b) $\frac{36}{48}$ (c) $\frac{12}{32}$
4	Check if the fractions $7\frac{1}{4}$ and $3\frac{1}{2}$ are equivalent or not?
5	Find the missing number if the fractions are equivalent: (a) $\frac{4}{\square} = \frac{24}{42}$ (b) $\frac{\square}{10} = \frac{15}{50}$
6	Which is smaller? $\frac{7}{11}$ *of* 33 or $\frac{3}{7}$ *of* 35

7	**Arrange the following fractions in descending order:** **(a)** $\frac{4}{2}$; $\frac{2}{3}$; $\frac{5}{4}$; $\frac{7}{3}$ **(b)** $\frac{9}{10}$; $2\frac{1}{4}$; $\frac{9}{7}$; $\frac{9}{11}$
8	**Arrange the following fractions in ascending order:** **(a)** $\frac{3}{4}$; $\frac{3}{17}$; $\frac{3}{11}$; $\frac{3}{8}$ **(b)** $\frac{4}{5}$; $3\frac{1}{10}$; $4\frac{1}{5}$; $1\frac{1}{10}$