Note:

1) Read the questions properly before you answer
2) Write all steps for questions carrying more than 1 mark.

Name: **Date:**

Parameter	Yes	No	Partially
The student followed point one in the note section above			
The student followed point two in the note section above			
The student solved worksheet related to this test seriously			
Was the student serious about a test?			
Did the student follow the areas of improvement discussed?			

Maximum Marks	**34**
Marks Obtained	
%	

Previous Test Performance:

Date	Subject	Chapter	Marks	%

Note: The student must solve incorrect and unattended questions soon after the test.

Parent Signature	Parent Signature

Section A

Objective Questions: [0.5 x 10 = 5]

Q1. Which of the following fractions is the greatest:

(a) $\frac{5}{6}$ (b) $\frac{5}{7}$ (c) $\frac{5}{8}$ (d) $\frac{5}{9}$

Q2. Which of the following is a false statement?

(a) $\frac{1}{7} < \frac{3}{14}$ (b) $\frac{5}{8} = \frac{15}{24}$ (c) $\frac{3}{4} = \frac{6}{16}$ (d) $\frac{5}{12} > \frac{2}{6}$

Q3. Anshul eats $\frac{4}{7}$ of a pizza. The fraction of the left is

(a) $\frac{3}{7}$ (b) $\frac{3}{7}$ (c) $\frac{3}{7}$ (d) $\frac{1}{7}$

Q4. The fraction which is not equal to $\frac{4}{5}$ is

(a) $\frac{40}{50}$ (b) $\frac{12}{15}$ (c) $\frac{16}{20}$ (d) $\frac{9}{15}$

Q5. When $\frac{1}{4}$ is written with a denominator of 12, and its numerator is

(a) 3 (b) 8 (c) 24 (d) 12

Q6. Which of the following is not in the lowest form?

(a) $\frac{7}{5}$ (b) $\frac{15}{20}$ (c) $\frac{13}{33}$ (d) $\frac{27}{28}$

Q7. If $\frac{5}{8} = \frac{20}{p}$, then the value of p is

(a) 23 (b) 8 (c) 32 (d) 16

Q8. $\frac{11}{7}$ can be expressed in the form

(a) $7\frac{1}{4}$ (b) $4\frac{1}{7}$ (c) $1\frac{4}{7}$ (d) $11\frac{1}{7}$

Q9. $\frac{3}{5}$ **of 4 m 20 cm of a rope is equal to _____ cm.**

a) 452 b) 352

c) 420 d) 252

Q10. The fraction to be added to $6\frac{7}{15}$ **to get** $8\frac{1}{5}$ **is equal to**

(a) 11/15 (b) $1\frac{11}{15}$ (c) 44/3 (d) 3/44

Section B

[2 x 6 = 12]

Q9. What is wrong with the following?

➔ $\frac{7}{4} + \frac{5}{2} = \frac{7+5}{4+2} = \frac{12}{6} = 2$

Q10. Mark $\frac{2}{6}$, $\frac{4}{6}$, $\frac{8}{6}$ **and** $\frac{6}{6}$ **on the number line and put appropriate signs between fractions given below**:

(i) $\frac{5}{6}$ ..... $\frac{2}{6}$

(ii) $\frac{3}{6}$ ..... $\frac{0}{6}$

(iii) $\frac{1}{6}$ ..... $\frac{6}{6}$

(iv) $\frac{8}{6}$ ..... $\frac{5}{6}$

Q11. Fill in the blanks using '>', '<', '=' :

(a) $\frac{11}{16}$ ☐ $\frac{14}{15}$

(b) $\frac{8}{15}$ ☐ $\frac{95}{14}$

(c) $\frac{12}{75}$ ☐ $\frac{32}{200}$

(d) $\frac{18}{15}$ ☐ 1.3

Q12. Arrange the fractions $\frac{2}{3}$, $\frac{3}{4}$, $\frac{1}{2}$, and $\frac{5}{6}$, in ascending order.

Q13. Write $\frac{5}{6}$ as a fraction with the numerator 60.

Q14. Find answers to the following. Write and indicate how you solved them.

(i) Is 5/9 equal to 4/5?

(ii) Is 9/16 equal to 5/9?

(iii) Is 4/5 equal to 16/20?

(iv) Is 1/15 equal to 4/30?

Section C

[3 x 3 = 9]

Q15. Subtract $8\frac{1}{3}$ from $\frac{100}{9}$

Q16. Katrina rode her bicycle $6\frac{1}{2}$ km in the morning and $8\frac{3}{4}$ km in the evening. Find the distance traveled by her altogether on that day.

Q17. On an average $\frac{1}{10}$ of the food eaten is turned into the organism's own body and is available for the next level of the consumer in a food chain. What fraction of the food eaten is not available for the next level?

Section D

[4 x 2 = 8]

(Attempt any 2 questions only)

Q18. $8 - \left\{5\frac{1}{3} - \left(3 - 2\frac{1}{2}\right)\right\}$

Q19. Find the fraction equivalent to 45/60, having:

(i) numerator 15

(ii) denominator 4

(iii) denominator 240

(iv) numerator 135

Q20. Check whether the given fractions are equivalent:

(i) $\frac{5}{9}, \frac{30}{54}$

(ii) $\frac{2}{7}, \frac{16}{42}$

(iii) $\frac{4}{11}, \frac{32}{88}$

(iv) $\frac{3}{10}, \frac{12}{50}$

Q21. A girl did half of some work on Monday and one-third of it on Tuesday. How much will she have to do on Wednesday in order to complete the work?