

MARKS: 90

FARHAT JAHAN (6th)

TIME: 2 Hours

1. What fraction of a day is 6 hours? (1)
2. What fraction of an hour is 25 minutes? (1)
3. Write the natural numbers from 2 to 10. What fraction of them are prime numbers? (3/2)
4. Express the following as mixed fractions : (2)
(a) $17/4$ (b) $11/3$ (c) $23/5$ (d) $7/3$
5. Compare $5/6$ and $13/15$. (3/2)
6. Find the equivalent fraction of $2/5$ having (2)
(a) denominator 20 (b) numerator 9
7. Find the equivalent fraction of $36/48$ with (2)
(a) numerator 9 (b) denominator 4
8. Find the equivalent fraction of $2/9$ with denominator 63. (1)
9. Show:- $1/10, 0/10, 5/10$,, and $10/10$ on a number line. (2)
10. A fraction is given. How will you decide, by just looking at it, whether, the fraction is (2)
(a) less than 1? (b) equal to 1?

11. Write the odd numbers from 1 to 12. What fraction of them are prime numbers? (2)
12. Write the odd numbers from 1 to 12. What fraction of them are prime numbers? (2)
13. Firdos dyes dresses. She had to dye 40 dresses. She has so far finished 30 dresses. What fraction of dresses has she finished? (3)
14. Write the natural numbers from 2 to 10. What fraction of them are prime numbers? (2)
15. Manoj was given $\frac{5}{7}$ of a basket of oranges. What fraction of oranges was left in the basket? (3)
16. Farhat bought $\frac{2}{5}$ metre of ribbon and Firdos $\frac{3}{4}$ metre of ribbon. What is the total length of the ribbon they bought? (3)
17. Saleem takes $\frac{21}{5}$ minutes to walk across the school ground. Anarkali takes $\frac{7}{4}$ minutes to do the same. Who takes less time and by what fraction? (3)
18. Karuna read 30 pages of a book containing 120 pages. Muskan read $\frac{2}{5}$ of the same book. Who read less? (3)
19. Sagir exercised for $\frac{3}{6}$ of an hour, while Sakir exercised for $\frac{3}{4}$ of an hour. Who exercised for a longer time? (3)
20. Sakir, Farhat, and Firdos shared lunch. Sakir has brought 4 sandwiches, one made of vegetable and one of jam. The other two Farhat, and Firdos forgot to bring their lunch. Sakir agreed to share his sandwiches so that each person will have an equal share of each sandwich.
- (a) How can Sakir divide his sandwiches so that each person has an equal share?
- (b) What part of a sandwich will each person receive? (2+2)

21. charlie received a CD player for her birthday. She bought 3 CDs and received 7 others as gifts. What fraction of her total CDs did she buy and what fraction did she receive as gifts? (5)

22. Manoj had 30 pencils, Mahima had 40 pencils and Mehak had 70 pencils. After 4 months, Manoj used up 10 pencils, Mahima used up 25 pencils and Mehak used up 40 pencils. What fraction did each use up? (5)

23. Mother made a gud patti in a round shape. She divided it into 5 parts. Firdos ate one piece from it. If I eat another piece then how much would be left? (4)

24. In a class A of 25 students, 20 passed in first class; in another class B of 30 students, 24 passed in first class. In which class was a greater fraction of students getting first class? (5)

25. My mother divided an apple into 6 equal parts. She gave me three parts and my brother two part. How much apple did she give to both of us together? (4)

26. Mother asked Farhat and her brother to pick stones from the wheat. Farhat picked one fourth of the total stones in it and her brother also picked up one fourth of the stones. What fraction of the stones did both pick up together? (6)

27. Sohan was putting covers on his note books. He put one fourth of the covers on Monday. He put another one fourth on Tuesday and the remaining on Wednesday. What fraction of the covers did he put on Wednesday? (4)

28. A piece of wire $7/8$ metre long broke into two pieces. One piece was $1/4$ metre long. How long is the other piece? (3)

29. Shikha's house is $9/10$ km from her school. She walked some distance and then took a bus for $1/2$ km to reach the school. How far did she walk? (4)

30. Varun and Sunaina have bookshelves of the same size partly filled with books. Varun's shelf is $5/6$ th full and Sunaina's shelf is $2/5$ th full. Whose bookshelf is more full? By what fraction? (6)