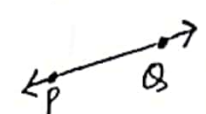



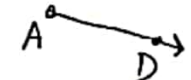
Part-A (Mental Ability) Class V

Answer the following:

- 1) $\frac{12}{28}$ can be written in lowest term as _____
- 2) Write $>$, $<$ or $=$ to compare the fractions:
 - a) $\frac{3}{4} \square \frac{5}{7}$
 - b) $\frac{7}{9} \square \frac{6}{11}$
- 3) Reciprocal of $\frac{6}{11}$ is _____
- 4) The mixed fraction for $\frac{19}{8}$ is _____
- 5) Write C for Composite and P for prime for the following numbers:
13; 88; 21; 97; 15; 19; 80
- 6) H.C.F of 60 and 15 is _____
- 7) $\frac{9}{15} - \frac{5}{15} =$ _____
- 8) Choose the numbers which are divisible by 9:
82; 103; 729; 41; 306
- 9) Choose and write the pair of twin prime numbers.
3 and 5; 7 and 11; 17 and 19; 31 and 37; 71 and 73
- 10) Next 2 equivalent fractions of $\frac{3}{8}$ are _____, _____
- 11) Name the figure



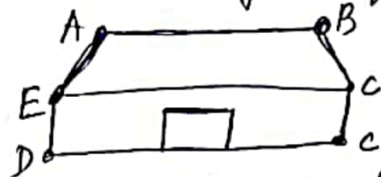
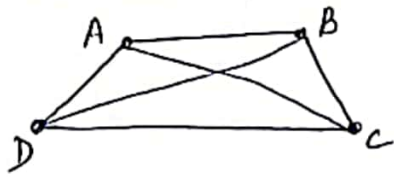




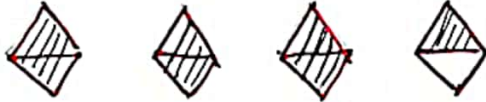
- 12) Prime factors of 39 are _____

13) Choose and write the unit fractions from the following: $6\frac{5}{7}$, $\frac{1}{2}$, $\frac{18}{19}$, $\frac{1}{88}$, $1\frac{1}{2}$, $\frac{27}{43}$, $\frac{1}{11}$ (2)

14) There are _____ line segments in the given figure.



15) Write the mixed fraction to represent the following figure:



16) The value of $\frac{4}{15} \times 90$ in lowest terms is _____

17) a) Is 681 divisible by 5? _____ (Yes/No)

b) Is 216 divisible by 2? _____ (Yes/No)

18) The improper fraction for $11\frac{5}{8}$ is _____

19) The only even prime number is _____

20) Composite numbers have more than _____ factors.

Part-B (Concept)

Do as directed: (Show method wherever needed)

1) Draw the following figures:

a) Plane H

b) Line AB

c) Line Segment XY

d) Ray SK

2) Which of the following is divisible by 8?
Give reason for each: 1636, 4560

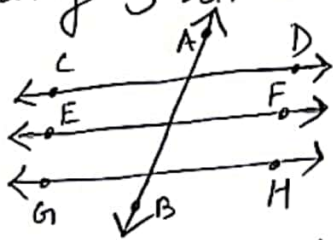
3) Choose and write the pair of equivalent fractions using cross multiplication method (show method for each)

$$\frac{7}{8} \text{ and } \frac{9}{10} ; \frac{5}{6} \text{ and } \frac{13}{14}$$

4) Add: a) $\frac{5}{6} + \frac{3}{4}$ b) $\frac{2}{3} + \frac{3}{5}$

5) Find the prime factors for 75 using division method.

6) Name any 3 lines from the given figures:



7) Multiply $\frac{2}{15} \times \frac{30}{8}$ and express in lowest terms.

8) Write the first four multiples of a) 2

b) 2.5

9) Find the HCF by long division method:
a) 24, 16, 64 b) 42, 36, 18

10) Subtract: a) $\frac{2}{5} - \frac{3}{7}$ b) $\frac{15}{4} - 2\frac{1}{6}$

11) Write all the factors of a) 48 b) 92

12) Arrange in descending Order: a) $\frac{2}{3}, \frac{5}{6}, \frac{1}{2}$
b) $\frac{2}{7}, \frac{9}{14}, \frac{13}{28}$

13) Find the ~~LCM~~ LCM of 27 and 42 by common division method

14) Kiva had 70 apples. She gave $\frac{2}{5}$ of the apples to Diya. How many apples did Diya get?

Note: Practice all the questions given in your book according to the syllabus given.