

RAMAKRISHNA SENIOR SECONDARY SCHOOL
QUESTION BANK
SUBJECT : MATHEMATICS
CLASS- VI
PT 2 EXAMINATION (2018 – 2019)

SECTION - A (ONE MARK QUESTIONS) :

(FILL IN THE BLANKS, DO AS DIRECTED)

CHAPTER – 7 : (FRACTIONS)

Q1) Write the following fractions as a division :

a) $\frac{5}{15}$

b) $\frac{3}{17}$

c) $\frac{65}{96}$

Q2) Write the following divisions as a fraction :

a) $3 \div 5$

b) $8 \div 24$

c) $17 \div 57$

Q3) Write the Numerator of the following fractions :

a) $\frac{7}{15}$

b) $\frac{3}{58}$

c) $\frac{65}{72}$

Q4) Write the Denominator for following fractions :

a) $\frac{5}{38}$

b) $\frac{4}{17}$

c) $\frac{41}{96}$

Q5) Express the following as fractions :

a) Six ninth

b) Twenty out of fifty

c) Two thirteenth

Q6) Express each of the following as improper fraction :

a) $7\frac{3}{5}$

b) $6\frac{5}{9}$

c) $8\frac{2}{5}$

Q7) Express the following improper fractions as mixed fractions :

a) $\frac{17}{6}$
 b) $\frac{13}{5}$
 c) $\frac{96}{25}$

Q8) How many fractions lie between 0 and 1.

Q9) Write three improper fractions with denominator 5.

Q10) Write three improper fractions with numerator 18.

Q11) Give the name for fractions have numerator equal to one.

Q12) What are fractions with same denominator known as ?

Q13) Write equivalent fractions for

a) $\frac{7}{15}$

b) $\frac{3}{58}$

c) $\frac{65}{72}$

Q14) Convert the following fractions into equivalent fractions with numerator 36 :

a) $\frac{3}{4}$

b) $\frac{4}{5}$

c) $\frac{6}{11}$

Q15) Convert the following fractions into equivalent fractions with denominator 50 :

a) $\frac{1}{5}$

b) $\frac{3}{25}$

c) $\frac{8}{10}$

Q16) Convert the following fractions into equivalent fractions with numerator 2:

a) $\frac{12}{30}$

b) $\frac{16}{18}$

c) $\frac{22}{96}$

Q17) Convert the following fractions into equivalent fractions with denominator 8 :

a) $\frac{6}{16}$

b) $\frac{20}{32}$

c) $\frac{80}{128}$

Q18) What fraction of a day is 4 hours ?

Q19) What fraction of a week is 2 days ?

Q20) What fraction of a year is 6 months ?

Q21) What fraction of an hour is 15 minutes ?

Q22) Name the fractions whose value is always greater than one.

Q23) Name the fractions whose value is always less than one.

Q24) Name the fractions whose value is always equal to one.

Q25) Find the reciprocal of following fractions :

a) $\frac{2}{9}$

b) $\frac{29}{52}$

c) $\frac{5}{28}$

CHAPTER – 8: (DECIMALS)

Q 26) Write each of the following in the expanded form :

a) 27.7

b) 5.073

c) 11.328

Q 27) Write each of the following as decimals :

a) $3 + \frac{1}{10} + \frac{5}{100}$

b) $100 + 40 + 3 + \frac{7}{10} + \frac{5}{100} + \frac{59}{100}$

Q28) Write each of the following as fraction in the lowest form :

- 4
- a) 3.8
 - b) 15.005
 - c) 0.125

Q 29) Write each of the following decimals in the place value chart :

- a) 48.05
- b) 125.287
- c) 0.508

Q 30) Write each of the following in words:

- a) 548.03
- b) 175.287
- c) 90.506

Q 31) Write each of the following as decimals :

- a) Nine tenths
- b) One hundred forty one point zero three five
- c) Seventy one hundredths

Q 32) Convert the following fractions into decimals :

- a) $\frac{955}{1000}$
- b) $\frac{589}{10}$
- c) $\frac{37}{100}$

Q 33) Convert the following fractions into decimals :

- a) $\frac{13}{25}$
- b) $\frac{8}{125}$
- c) $\frac{41}{4}$

Q 34) Express the following mixed fractions as decimals :

- a) $7\frac{3}{25}$
- b) $9\frac{8}{50}$

c) $3\frac{1}{4}$

Q 35) Convert the given decimals as like decimals :

- a) 3.25 , 4.001 , 512.4
b) 11.222 , 1.22 , 111.2

Q 36) Write each of the following in rupees without using decimals :

- a) 72 paise
b) 9 paise
c) 36 rupees 43 paise

Q 37) Find the place value of 9 in each of the following :

- a) 6.97
b) 3.094
c) 13.439

Q 38) Write the following without decimals :

- a) Re 0.35
b) Re 0.09
c) Rupees 52.64

Q 39) Decimals having the same number of decimal places are called _____ decimals.

Q 40) Decimals having different number of decimal places are called _____ decimals.

Q 41) Write the following as fractions in least form (simplest form) :

- a) 95.24
b) 0.007
c) 641.25

Q 42) Between which two whole numbers on the number line will each of the following lie ?

- a) 3.8
b) 15.05
c) 0.125

CHAPTER -13 : (IDENTIFICATION OF 3D SHAPES)

Q 43) A cuboid has _____ faces and _____ edges and _____ vertices.

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- Q 44) A cuboid with equal length, breadth and height is called a _____.
- Q 45) A sphere has _____ vertex and _____ edges.
- Q 46) A _____ has no vertex and no edges.
- Q 47) A cone has _____ circular edge and _____ vertex.
- Q 48) All the faces of a cube are _____.
- Q 49) Two special types of pyramid are _____ pyramid and _____ pyramid.
- Q 50) A cylinder has _____ plane circular faces and _____ curved face.
- Q 51) Polyhedrons are closed 3 – D figures formed by the _____.
- Q 52) A tetrahedron is a special type of _____ pyramid.
- Q 53) A tetrahedron has _____ vertex.
- Q54) A clown's cap is an example of a _____.
- Q 55) A solid whose faces are rectangular and whose ends are identical polygons is called a _____.
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SECTION B (Each Question carries two marks)

CHAPTER - CHAPTER – 7 : (FRACTIONS)

Q1) Write the simplest form of :

a) $\frac{243}{729}$

b) $\frac{3}{54}$

c) $\frac{65}{95}$

Q2) Represent the following fractions on the number line :

a) $\frac{5}{7}$

b) $\frac{3}{5}$

c) $\frac{1}{3}$

Q3) Write the following as mixed fractions :

- a) ₹ 9, 65 paise
- b) 56 km, 41 m
- c) 2 years, 7 months
- d) 3 weeks, 4 days.

Q4) Find the sum :

a) $\frac{3}{5} + \frac{4}{15}$

b) $\frac{4}{9} + \frac{7}{27}$

Q5) Find the value of each of the following :

a) $\frac{5}{7}$ of 35 ml

b) $\frac{3}{5}$ of 50 km

c) $\frac{1}{3}$ of 183

Q6) Subtract the following fractions :

a) $\frac{10}{13} + \frac{4}{26}$

b) $\frac{5}{11} + \frac{7}{22}$

Q7) Find which of the following fractions is greater ?

a) $\frac{2}{3}$ or $\frac{4}{5}$

b) $\frac{4}{7}$ or $\frac{7}{9}$

Q8) Find which of the following fractions is smaller ?

a) $\frac{8}{9}$ or $\frac{3}{5}$

b) $\frac{2}{7}$ or $\frac{7}{11}$

Q9) Evaluate :

a) $\frac{6}{16} \div \frac{1}{32}$

b) $\frac{20}{32} \div \frac{5}{4}$

CHAPTER - 8: (DECIMALS)

Q 10) Represent the following numbers on a number line :

a) 3.8

b) 5.6

c) 0.3

Q 11) Find the greatest decimal from the following :

a) 2.5 , 3.65, 2.49 , 3.565

b) 9.99 , 9.879 , 9.265 , 9.009

Q 12) Find the smallest decimal from the following :

a) 5 , 0.95 , 2.59, 9.50 , 0.999

b) 10.52 , 10.256 , 11 , 101.256

Q 13) Arrange the following decimals in ascending order:

a) 52.5 , 53.65, 52.49 , 36.565

b) 49.99 , 94.879 , 49.265 , 79.009

Q 14) Arrange the following decimals in descending order:

a) 62.5 , 73.65, 62.49 , 36.05

b) 12.99 , 12.879 , 49.265 , 59.09

Q 15) Find the sum of following decimals :

a) $65.25 + 62.48$

b) $82.36 + 12.58$

Q 16) Find the difference of following decimals :

a) 25.41 and 13.65

b) 95.87 and 93.78

CHAPTER -13 : (IDENTIFICATION OF 3D SHAPES)

Q 17) Give the geometrical name of each of the following :

a) Ice cream cone

b) a candle

c) a brick

Q 18) Give two examples of each of the following :

a) Cylinder

b) Cube

c) Sphere

Q 19) What is the shape of each of the following :

a) A football

b) a sugar cube

c) a road roller

SECTION C (Each Question carries three marks)

CHAPTER - CHAPTER – 7 : (FRACTIONS)

Q 1) Arrange in ascending order : $\frac{2}{7}, \frac{11}{14}, \frac{15}{28}, \frac{13}{35}$

Q 2) Solve : $5\frac{2}{18}, 3\frac{11}{36}, 5\frac{15}{9}, 6\frac{13}{45}$

Q 3) Arrange in descending order : : $\frac{3}{7}, \frac{11}{14}, \frac{7}{21}, \frac{6}{28}$

Q 4) Simplify : : $\frac{2}{40} + \frac{1}{15} - \frac{15}{20} + \frac{8}{35}$

Q 5) The sum of two fractions is $\frac{5}{16}$. If one of them is $\frac{3}{32}$ find the other fraction.

Q 6) Evaluate : $3\frac{5}{7} \div 2\frac{2}{21} \times \frac{8}{9}$

CHAPTER - 8: (DECIMALS)

Q 7) What should be added to 34.47 to obtain 45.65 ?

Q 8) Find the number which when subtracted from 1000 gives 995.25 ?

Q 9) The sum of two numbers is 364. If one of the numbers is 298.42 , find the other.

Q10) Find the number which when added to 14.99 makes it equal to 16.78.

Q11) Subtract the sum of 4.5 and 5.3 from 11.

Q12) Simplify :

a) $25.15 + 35.95 - 16.25$

b) $56.45 + 87.05 - 2.005$

CHAPTER -13 : (IDENTIFICATION OF 3D SHAPES)

Q13) Write the number of faces, vertices and edges in a cube. Give three examples of a cube.

Q 14) How many faces , vertices and edges are there in a cylinder. Give three examples of a cylinder.

Q15) Write the number of faces, vertices and edges in a cuboid. Give three examples of a cuboid.

Q 16) How many faces , vertices and edges are there in a sphere. Give three examples of a sphere.

SECTION D (Each Question carries four marks)

CHAPTER – 7 : (FRACTIONS)

Q 1) Reema bought $3\frac{1}{2}$ liters of milk. She used $\frac{3}{4}$ liters of milk in breakfast and $1\frac{1}{2}$ liters milk was used in making cheese. Find the quantity of milk left with Reema.

Q 2) If $3\frac{1}{2}$ kg of sugar costs ₹ $45\frac{1}{2}$, find the cost of one kg of sugar.

Q 3) The product of two fractions is $40\frac{11}{16}$. If one of the fractions is $7\frac{3}{4}$, find the other fraction.

Q 4) A bag of wheat contains $39\frac{1}{2}$ kg of wheat. If the cost of bag is ₹ $108\frac{1}{4}$, find the cost of 1 kg of wheat.

Q 5) Subtract the sum of $5\frac{3}{10}$ and $2\frac{2}{5}$ from the sum of $7\frac{5}{9}$ and $4\frac{5}{18}$.

CHAPTER- 8: (DECIMALS)

Q 6) Suleman bought sugar for ₹ 127.75, milk for ₹ 63.25 and ice cream for ₹ 18.50. He gave one ₹ 500 note to the shopkeeper. Find the amount he got back from the shopkeeper.

Q 7) The thickness of one book is 5.64 cm and the other book is 6.89 cm. What is the thickness of the two books when placed one on top of the other? Convert the decimal into a fraction in its lowest term.

Q 8) A milkman had 98.5 litres of milk in his drums. He sold 36.54 litres in one colony and 40.74 litres another colony. How much milk is left unsold?

Q 9) Mitul travelled 140.65 km by bus, 56.24 km by train and rest of the distance on foot. If he covered a total distance of 205.36 km, how much did he travel on foot?

Q10) A vegetable seller bought 45 kg of potatoes, 35.5 kg of tomatoes and 41.25 kg of onions from the market. Find the total quantity of vegetables he bought from the market. Convert the decimal into a fraction in its lowest term.