



(a) Knowledge

Q (1) Fill in the blanks .

- 1) $\frac{1}{5}$ of 5 caps is = 5 caps.
- 2) What comes next ? 8.5 , 8.6 , 8.7 , 8.8 , 8.9,9.0
- 3) The cost of 12 notebooks is 120 . The cost of 1 notebook will be Rs 10
- 4) 7 km = 7000 m.
- 5) 7 hours = 420 min.
- 6) 1 week 2 days = 9 days .
- 7) The shop opens at 9:00 a.m. (am / pm)
- 8) Every Quadrilateral is a Polygon.
- 9) The Diameter is the longest chord of the circle .
- 10) $XXX + VI = \underline{36}$
- 11) 3 hours 12 mins = 192 min .
- 12) 3l 140 ml =3140
- 13) How many weeks 84 days make ? 12
- 14) The diameter divides the circle into two equal parts .
- 15) A Rectangle is a quadrilateral whose opposite sides are equal.
- 16) The length of the boundary of a circle is called its circumference.
- 17)Any part of a circumference of a circle is called an Arc.
- 18) A ray has only one end point.
- 19) 10 , 20 , 30 , 40 , 50 , 70.
- 20) A straight angle measures 180°

Q2) Compare the following (< , > or =)

(1) $\frac{6}{9} < \frac{7}{9}$

(2) $0.239 > 0.237$

(3) $13.06 < 13.60$

(4) $69.342 < 72.342$

Q3) Write the correct surface for each of the following . Choose your answer from curved surface.

1) Mango = Curved surface

2) Table = Plain surface

3) Egg = Curved surface

4) Book = Plain surface

5) Apple = Curved surface

6) Bottle = Curved Surface

Q4) Write the time one hour before .

(1) 6:30 am = 5:30 am

(2) 12:30 am = 11:30 pm

(3) 4:40 pm = 3:40 pm

(4) 12:15 pm = 11:15 am

Q5) Write the time by using 24 – hour clock .

1) 12 noon = 12 hours

2) 12 Midnight = 24:00

3) 7 am = 7 :00 hours

4) 8:20 pm = 20:20 hour

Q6) Fill in the blanks using am or pm.

1) The sun rises at 6:15 = am

2) The shop opens at 9:00 = am

3) We eat lunch at 1:45 = pm

4) Mitali goes to school at 7:30 = am

Q7) Write true or false .

1) All radii of the same circle are of different length . = False

2) A circle has one and only one diameter . = False

3) Radius is twice the length of the diameter . = False

4) A diameter passes through the centre of the circle . = True

Q8) Write the time one hour after.

1) 2:05 p.m. = 3:05 pm

2) 12:15a.m. = 1:15 p.m.

3) 6:40 a.m. = 7:40 a.m.

4) 11:30 a.m. = 12:30 pm

Q9) Fill in the blanks to complete the statement .

1) $3 \text{ km} = 300000 \text{ cm}$

2) $9 \text{ m} = 900 \text{ cm}$

3) $69 \text{ g} = 6900 \text{ cg}$

4) $10 \text{ mm} = 1 \text{ cm}$

Q10) Find the radius of a circle whose diameter is :

1) $7 \text{ cm} = 3.5 \text{ cm}$

2) $53 \text{ cm} = 26.5 \text{ cm}$

3) $16 \text{ cm} = 8 \text{ cm}$

4) $80 \text{ cm} = 40 \text{ cm}$

Q11) Write the correct time using am or pm .

1) 3 hours after midnight = 3 a.m.

2) 7 hours 12 minutes after 3:00 am = 10:12 a.m.

3) 9 hours after noon = 9 p.m.

4) 1 hour 40 minutes before = 11:30 a.m.

5) 5 hours before noon = 7 a.m.

Q12) Write two objects for each category .

1) curved edge – Banana glass .

2) straight edge – Table , book

Q13) Find the time duration of each of the following.

1) 11:00 a.m. to 4:15 p.m.= 5 hours 15 mins

2) 12 noon to 8:45 p.m.= 8 hours 45 mins

3) 1:00 p.m. to 6:29 p.m. = 5 hours 29 mins

4) 12 midnight to 1 :00 p.m. = 13 hours.

Q14) Write the following in numeral form .

1) Zero point seven nine = 0.79

2) Four point zero one six = 4.016

3) Thirty – two point zero zero five = 32.005

4) Eighty – five point three eight one – 85.381

Q15) Fill in the boxes .

1) $\frac{8}{2} = 4$

2) $\frac{14}{7} = 2$

3) $\frac{18}{3} = 6$

4) $\frac{14}{1} = 14$

5) $\frac{27}{9} = 3$

6) $\frac{0}{16} = 0$

Understanding

Q1) Arrange the following in descending order .

1) $\frac{6}{10}, \frac{7}{10}, \frac{5}{10}, \frac{4}{10}, \frac{9}{10} = \frac{9}{10}, \frac{7}{10}, \frac{6}{10}, \frac{5}{10}, \frac{4}{10}$

2) $\frac{3}{8}, \frac{2}{8}, \frac{7}{8}, \frac{5}{8}, \frac{1}{8} = \frac{7}{8}, \frac{5}{8}, \frac{3}{8}, \frac{2}{8}, \frac{1}{8}$

3) $69.76, 96.067, 69.67, 96.76 = 96.76, 96.067, 69.76, 69.67$

Q2) Convert into hours and minutes .

1) 75 minutes

2) 4200 minutes

3) 6600 minutes

(Solve by yourself)

Q3) Write in short form .

1) $\frac{5}{10} + \frac{8}{100} = 0.58$

2) 2 ones + 3 tenths. = 2.3

3) $\frac{7}{10} + \frac{0}{100} + \frac{8}{1000} = 0.708$

4) 3 ones + 4 tenths + 6 hundredths = 3.46

Q4) Convert into minutes ..

1) 24 hours

2) 8 hours 30 mins

3) 10 hours 14 minutes

(solve by yourself)

Q5) Draw angles of the following measures :-

1) 105°

2) 70°

3) 75°

4) 25°

5) 90°

6) 180°

(Solve by yourself)

Q6) Draw line segments of the following length and name them .

1) 8cm

2) 10 cm 4 mm

3) 3 cm

4) 6 cm

5) 4 cm

6) 5 cm. 8mm

(Solve by yourself)

Q7) Find the perimeter of the following.

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Q8) Convert the following into Roman numerals.

1) 28 = XXVIII 2) 17 = XVII 3) 7 = VII 4) 32 = XXXII

5) 37 = XXXVII 6) 50 = L

Q9) Convert the following into Hindu – Arabic numerals.

- 1) XX = 20 2) XXII = 22 3) XXXV = 35 4) IX = 9

Q10) Circle the like fractions

- 1) $\frac{8}{16}, \frac{2}{3}, \frac{9}{16}, \frac{4}{16}, \frac{5}{12}, \frac{8}{10}, \frac{7}{16}$ (Solve by yourself)

Q11) Name each of the angles in the adjoining figures using three letters

Page no – 154 (solve by yourself)

Q12) Write the correct answer ..

Page no – 163 (A) (Solve by your self)

Ability to Compute

Q1) Add

- 1)
$$\begin{array}{r} 19.76 \\ + 11.6 \\ \hline 31.36 \end{array}$$
 Dal ml
- 2)
$$\begin{array}{r} 43 \text{ kg } 047 \text{ g} \\ + 9 \text{ kg } 132 \text{ g} \\ \hline 52 \text{ kg } 179 \text{ g} \end{array}$$
- 3)
$$\begin{array}{r} 3 \text{ km } 047 \text{ m} \\ + 9 \text{ km } 650 \text{ m} \\ \hline 12 \text{ km } 697 \text{ m} \end{array}$$
- 4)
$$\begin{array}{r} 3259 \\ + 7319 \\ \hline 10578 \end{array}$$

Q2) Multiply the following....

- 1)
$$\begin{array}{r} 9432 \\ \times 2 \\ \hline \end{array}$$
- 2)
$$\begin{array}{r} 5003 \\ \times 9 \\ \hline \end{array}$$
- 3) 5 dl 14 ml X 6
- 4) 57 km 8 hm by 5
- 5) 6 km 130m X 7
- 6) 3km 14m X 9

(Solve by yourself)

Q3) Divide

1) $9 \text{ km } 63 \text{ m} \div 9$

3) $9 \text{ dg } 78 \text{ mg} \div 3$

5) $14 \text{ kg } 770 \text{ g} \div 7$

2) $5 \text{ hg } 535 \text{ dg} \div 5$

4) $42 \text{ m } 5 \text{ dm } 4 \text{ cm} \div$

6) $50 \text{ l } 35 \text{ ml} \text{ by } 5$

(Solve by yourself)

Q4) Convert the following

1) 75 hm into m

3) $3 \text{ dm } 9 \text{ m}$ into m

5) $9 \text{ l } 3 \text{ cl}$ to cl

7) $9 \text{ kg } 4 \text{ g}$ into dg

2) $73 \text{ hg } 9 \text{ g}$ into cg

4) $18 \text{ g } 15 \text{ cg}$ into mg

6) 743 into dam and m

(Solve by yourself)

Q5) Arrange the time in columns and add ...

1) $8 \text{ hours } 19 \text{ mins} + 14 \text{ hours } 35 \text{ mins}$

2) $12 \text{ hours } 17 \text{ mins} + 3 \text{ hours } 29 \text{ mins}$

(Solve by yourself)

Q6) Subtract ..

1) hours mins

 7 45

- 2 18

2) hours mins

 22 48

- 12 32

(DO BY YOURSELF)

Q7) Add .

1) $\frac{2}{10} + \frac{7}{10}$

2) $\frac{2}{13} + \frac{5}{13} + \frac{3}{13}$

3) $\frac{7}{14} + \frac{3}{14} + \frac{1}{14}$

4) $\frac{6}{9} + \frac{1}{9} + \frac{2}{9}$

(DO BY YOURSELF)

Q8) Subtract ..

1) $\frac{12}{16} - \frac{3}{16}$

2) $\frac{13}{19} - \frac{7}{19}$

3) $\frac{18}{31} - \frac{18}{31}$

4) $\frac{8}{16} - \frac{7}{16}$

(Do by yourself)

Q9) Solve

1) $13.58 + 14.9$

2) $8.63 + 1.84 + 3.652$.

3) $15.22 + 16.08$

4) $0.193 + 8.004$

5) $45.6 + 44.36$

6) $71.25 + 11.32$

(Do by yourself)

Q10) Subtract ..

1) $25.4 - 18.132$

2) $83.21 - 41.32$

3) $6.005 - 4.67$

4) $4.24 - 3.136$

(Do by yourself)

Problem Solving Ability

(Do your self)

(1) 126 tourist visited Delhi in the month of March . Out of that $\frac{1}{2}$ were from Mumbai . How many people from Mumbai visited Delhi in March ?

(2) A circle is divided into 10 equal parts. Out of which 4 are coloured. What is the fraction of the coloured part.?

(3) A car runs 14 km 93 m in 1 litre of petrol . How far will the car runs in 9 litre of petrol..

(4) School starts at 8:00 am and closes at 3:00 pm . How many hours is the school open for ?

(5) 8 children equally shared among themselves 4 L and 16 ml of milk shake . How much milkshake did each child drink ?

(6) Santaram travels 4 km 15 m by road, 7 km 130 m by train and 2 km 31 m by bus to reach his work place. What is the total distance covered by him ?

(7) A train leaves Delhi at 2 p.m. and reaches Bhopal at 8:15 p.m. How long does the train run ?

(8) The duration of the football match is 3 hours 17 minutes. If it began at 2:00 p.m., at what time does it get over ?

(9) A factory makes 4,200 bags in a week ..

a) In 1 day it makes _____ = _____ ..

b) In 30 days it makes _____ = _____ ..

(10) A box contain 20 marbles . Out of which 8 are red and 12 are green . Find the fraction of the red marbles.

(11) Simmy slept for half an hour and then played for 25 min. How many minutes did she spend on both the activities ?

(12) During the college elections, Megha got $\frac{2}{7}$ of the 49 votes. How many votes Did Megha get ?

(13) An auditorium has 72 seats. Out of that $\frac{2}{9}$ are for executive class. How many executive Seats does the auditorium have ?

(14) The duration of the football match is 3 hours 17 minutes. If it began at 2:00 p.m., at what time does it get over ?

(15) Simmy slept for half an hour and then played for 25 min. How many minutes did she spend on both the activities ?

(16) Riddhima has purchased the following items for her birthday party. Prepare a tally Graph for the same. (Page no. 177)

(17) Count the number of items kept in shop and prepare a bar graph to represent the same.

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