

DELHI PUBLIC SCHOOL, JAMMU
REVISION SHEET FINAL EXAMINATION
SESSION-(2017-18)

CLASS:VI

SUBJECT:MATHS

Q1 The successor of 40 is

- a) 39 b) 41 c) 38 d) 42

Q2 The perimeter of a rectangle having length 15cm is 54cm, then its breadth is.

- a) 10cm b) 5cm c) 12cm d) 15cm

Q3 A regular polygon having eight sides is called

- a) Triangle b) Octagon c) Rectangle d) Pentagon

Q4 The cost of 1 pen is Rs 60.What is the cost of 15 pens

- a) 560 b) 900 c) 280 d) 150

Q5 The ratio of 21 boxes to 54 boxes is

- a) 5:10 b) 7:18 c) 1:8 d) 14:7

Q6 $9x$ equal to

- a) $9+x$ b) $\frac{9}{x}$ c) $9 \times x$ d) x^9

Q7 The sum of two integer is 79. If one integer is -43, find the other.

Q8 Subtract the number which is successor of -27 from the number which is predecessor of -39.

Q9 From the sum of 36 and -45, subtract -76.

Q10 Draw a number line and represent the following:

- a) $-2 + 4 + (-4)$ b) $-1 + (-2) + 5$

Q11 Write the following using numbers, literals and signs of basic operations:

- a) The sum of x and 4 is subtracted from the sum of y and 7.
b) 6 multiplied by x is decreased by 7.

Q12 Express each of the following ratios in the simplest form:

- a) 36 min to 1 hour b) 7kg to 420 g

Q13 Two sides of a triangle are 18cm and 13 cm. The perimeter of triangle is 42cm. Find the third side.

Q14 Draw a circle with radius 5cm. Make chord in it and mark points A , B , C , D in its interior.

Q15 Evaluate the following:

- a) $380 + 15 - (20) + (-50) + 780$
b) $40 + 20 - 50 + (-20) + 45$

Q16 The following marks were obtained by 20 students of class VII in Mathematics .

42, 65, 70, 45, 32, 48, 65, 25, 45, 37, 42, 85, 70, 32, 25, 25, 25, 67, 68, 67

Prepare a frequency distribution table.

Q17 The no of desks in rooms of classes V to IX are given below:

Class	V	VI	VII	VIII	IX
No. Of desks	30	50	20	40	50

Draw a pictograph by using the suitable scale?

Q18 Given below are the no of cars produced in the first five consecutive months in the factory. Draw the bar graph representing the following data

Month	Jan	Feb	March	April	May
No. Of cars	1200	900	1100	1400	1600

Q19 Draw \overline{AB} of length 5cm. Construct its perpendicular bisector and from the centre of \overline{AB} draw circle.

Q20 Construct the following angles by using compass and ruler only.

- a) 90° b) 75° c) 60° d) 45°

Q21 Draw a circle with radius equal to 5cm. Draw a chord and construct its perpendicular bisector.

Q22 A wire is in the shape of a square of side 25cm. If the wire is rebent in the shape of rectangle of length 30cm, Find its breadth .Which encloses the more area ,the square or the rectangle and by how much?

Q23 Two squares of side 19cm are places side to side without any gap. Find

- a) Perimeter of rectangle so formed
b) Area of rectangle so formed.

Q24 Find the cost of fencing the square plot having side 20m at the rate of Rs. 15 per m?

Q25 How many envelops can be made out of a sheet of paper measuring 324cm by 172cm,if each envelope requires a piece of paper of size 18cm by 12cm ?

Q26 Solve the following by using trial and error method:

- a) $X + 5$ b) $4m = 16$ c) $10x = 20$

Q27 The cost of 2 dozen bananas is Rs 36. How many bananas can be purchased with Rs 45.

Q28 Compare the following ratios:

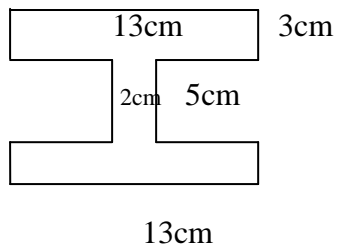
- a) $6 : 12$ and $9 : 16$ b) $2 : 10$ and $3 : 12$

Q29 How many tiles whose length and breadth are 12 cm and 5 cm are needed to fit in a rectangular region of length 144cm and breadth 100cm.

Q30 What will happen to the area of square if its side is

- a) Halved b) doubled

Q31 By splitting the following figure into the rectangle's find the area.



Q32 Find the value of x

- a) $12 : 16 :: x : 28$
b) $21 : 27 :: 126 : x$
c) $X : 84 :: 186 : 217$
d) $60 : x :: 84 : 147$