

DELHI PUBLIC SCHOOL JAMMU
REVISION SHEET OF FINAL EXAMINATION
SESSION (2019-2020)

Class: VI

Subject: Mathematics

General Instructions:

- 1) The question paper consists of four sections – A, B, C and D.
- 2) All questions are compulsory.
- 3) Questions 1 to 20 are of 1 mark each.
- 4) Questions 21 to 26 are of 2 marks each.
- 5) Questions 27 to 34 are of 3 marks each.
- 6) Questions 35 to 40 are of 4 marks each.
- 7) Internal choices provided in section A,B,C. Attempt any one from the given choices.
- 8) Use of calculator is not permitted.

SECTION-A

Multiple Choice Question.

(1x10=10)

- Q1) 2 less than -3 is
(a) -1 (b) 1 (c) -5 (d) 5
- Q2) A fraction equivalent to $\frac{24}{36}$ is
(a) $\frac{3}{4}$ (b) $\frac{2}{3}$ (c) $\frac{8}{9}$ (d) none of these
- Q3) What is the perimeter of rectangle, when $L = 8m$ and $b=4m$
(a) 24m (b) 25m (c) 28m (d) 30m
- Q4) What is the expression for “3 more than a number x”.
(a) $X+3$ (b) $x-3$ (c) $3x$ (d) none of these
- Q5) If 57: x: :51:85, then the value of x is
(a) 95 (b) 76 (c) 114 (d) 101
- Q6) The ratio 92:115 in its simplest form is
(a) 23:25 (b) 18:23 (c) 3.5 (d) 4:5
- Q7) A circle has
(a) no line of symmetry (b) one line of symmetry
(c) two lines symmetry (d) infinite line of symmetry
- Q8) The letter z of the English alphabet has _____ line of symmetry
(a) no (b) one (c) two (d) none of these
- Q9) Which angle can be constructed is true?
(a) 75° (b) 76° (c) 77° (d) 78°
- Q10) which of the following statement is true?
(a) $-4 \geq -3$ (b) $-4 \leq -3$ (c) $-4 = -3$ (d) none of these .
(b)

Fill in the blanks

(1x5=5)

- Q11) $-53 + \underline{\hspace{2cm}} = -53$

- Q12) An angle whose measure is more than that of a right angle is _____
 Q13) Perimeter of a rectangle = 2 (length + _____)
 Q14) Area of square = _____
 Q15) One – third of my 9 chocolates are eaten. I still have _____ left

Very short type

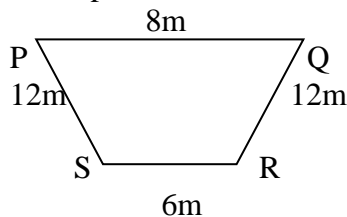
(1x5=5)

- Q16) Find the area of the rectangle whose sides are 9 cm and 6 cm
 Q17) Draw a kite and its line of symmetry. OR Draw a square and its line of symmetry.
 Q18) There are x student in a class. The teacher distributes 6 pencils per student. How many pencils are needed?
 Q19) Determine $\frac{3}{4}$ of a collection of 16 pencils.
 Q20) Write the opposite of 325 B.C

SECTION-B

(2x6)

- Q21) Find the perimeter of



- Q22) Construct a line segment $AB = 7.8\text{cm}$
 Q23) Rohan works in a factory and earns Rs.3375 per month. He saves Rs.250 every month. Find the ratio of his saving to his income.
 Q24) Write the statement of following (a) $5x$ (b) $y + 3$

OR

Give expression in the following cases:- (a) 2 is added to 5 times n (b) 4 is divided by 2 x

- Q25) Show $\frac{1}{2}$ on the number line.
 Q26) Write all the integers between -7 and 0 in increasing order.

SECTION-C

(3x8)

- Q27) Sunil threw a die 35 times and noted the number appeared each times as shown below. 1,6,5,6,4,5,1,5,5,5,3,4,3,6,4,5,6,5,1,2,5,6,5,5,5,3,1,3,1,6,3,4,6,2,2, make a frequency distribution table tally marks.
 Q28) Sweety runs around a square park of side 75m. Bulbul runs around a rectangular park of length 60m and breadth 45m. Whichever less distance?
 Q29) Draw any circle and mark point P, Q and R such that
 (i) P is on the circle (ii) Q is in the interior of the circle
 (iii) R is in the exterior of the circle
 Q30) Find the number of right angle turned angles through by the hour of a clock, when it goes from (a) 3 to 6 (b) 10 to 1
 Q31) The cost of 20 pens is Rs. 240. Find the cost of eight pens?

OR

- Q32) Take Sana's present age to be y years.
 Find the value of x :- $21 : 27 :: 126 : x$

- a) What will be her age 5 years from now?

- b) What was her age 3 years back?
 c) What is her father's age if he is 5 years more than 3 times Sana's age?

Q33) Do as directed:-

- (i) Arrange in ascending order $\frac{5}{12}$, $\frac{3}{4}$, $\frac{7}{6}$, $\frac{5}{8}$
 (ii) Write five equivalent fractions for $\frac{12}{36}$.

Q34) The sum of two integers is -42. If one of them is 176, find the other.

SECTION-D

(4X6)

Q35) The marks obtained (out of 100) in each subject by Tarun are given below:-

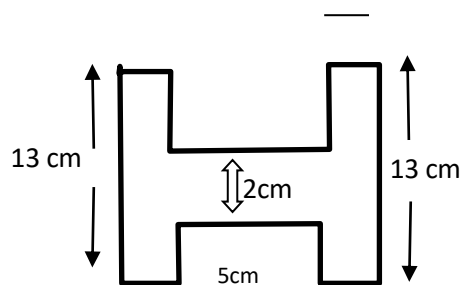
Marks	38	45	56	65	79	85
Subject	Eng	Hin	Sci	G>K	His	Mat

- (a) Draw a bar graph for the above data and answer the question given below.
 (b) In which subject has Tarun to improve a lot ?
 (c) What is the difference between the max and the min marks?

Q36) Consider the letter of English alphabets A to Z list among them the latter which have.

- (i) Vertical lines of symmetry
 (ii) Horizontal lines of symmetry
 (iii) No lines of symmetry

Q37) By splitting the following figure into rectangles, find the area



Q38) Draw an angle of 45° using ruler and compasses. Bisect it to make an angle of $22\frac{1}{2}$

Q39) Do as directed:-

Subtract the sum of (-400) and 350 from 510.

Add 79 to the difference of (-37) and (-73)

Q40) Anil takes $17\frac{1}{2}$ minutes to run around the school ground.

Sunil takes $12\frac{1}{2}$ minutes to do the same. Who takes lesser time and by what fraction?