DELHI PUBLIC SCHOOL, JAMMU

SESSION:2019-20

QUESTION BANK

Class:- VII **Subject:- Mathematics**

TOPIC:Congruence of triangles, Comparing quantities, Practical geometry

Q1 The number of conditions to check the congruency is

a) 4 b) 5 c) 6 d) 3

Q2 Which of the following congruence condition is not possible?

a) SAS b) AAS c) ASA d) SSA

Q3 In RHS congruence , H stands for.

a) Hand b) Height c) Hypotenuse d) none

Q4 The ratio 2 : 3 expressed as percent is

a) 40% b) 60% c) $66\frac{2}{3}$ % d) $13\frac{1}{3}$%

Q5 Which of the following is greatest?

a) 0.3 b) $\frac{1}{3}$ c) 3 % d) 1 :5

Q6 If 30% of X is 72, then the value of X is

a) 120 b) 240 c) 360 d) 480

Q7 The measure of other two angles in a right triangle can be.

a) 75^0,15^0 b) 60^0,30^0 c) 45^0,45^0 d) all of these

Q8_____ Parallel lines can be drawn to a line from a point outside a line.

a) 0 b) 1 c) 2 d) infinite

Q9 If two legs of a right triangle are 6cm and 8cm, then its hypotenuse is

a) 14cm b) 12cm c) 10cm d) 9cm

Q10 Two geometrical figures are said to be _____, if they are exactly of the same shape and size

Q11 The relation of two objects being Congruent is called_____.

Q12 The money borrowed from a money lender or bank is called the_____.

Q13 Sum of lengths of any two sides of a triangle is always _____than the length of third side.

Q14 Construction of a right angled triangle is possible if its _____ and any one side is given.

Q15 The sum of the angles of a triangle is _____ right angles.

Q16 Express 17 hundredths as percent.

Q17 Find the 40% of ₹ 200

Q18 AB is a line segment of length 9.8cm, its perpendicular bisector bisects it into two equal parts. Find the length of each part.

Q19 Draw an angle of measure 40^0 by using Protactor.

Q20 Which angle is included in between the sides of

Q21 By applying ASA congruence rule you want to establish $\triangle ABC = \triangle PQR$. It is given that $\angle A = \angle P = 30^0$, $\angle C = \angle R = 60^0$. What additional information is needed to establish the congruence?