

***ASSIGNMENT FOR CLASS 7***

***CH-7 (CONGRUENCE OF TRIANGLES)***

Q1. Two angles are congruent if they have

 (A) unequal measures (B)equal measures

 (C)same name (D)different name

Q2. Which of the following is not the congruence criterion

 (A)ASA (B)SAS

 (C)SSS (D) AAA

Q3. If ∆ABC ≅ ∆PQR, then AB is equal to

 (A) QR (B)PR

 (C)PQ (D) none of these

Q4. In ∆ABC and ∆PQR, AB=4cm,BC=5cm,AC=6cm and PQ=4cm,QR=6cm,PR=5cm,then which of the following is true?

 (A) ∆ABC ≅ ∆PQR (B) ∆ABC ≅ ∆QPR

 (C) ∆ABC ≅ ∆PRQ (D) none of these

Q5. If ∆DEF ≅ ∆BCA, then the part of ∆BCA that correspond to ∠E is

 (A) ∠C (B) ∠A

 (C) ∠B (D) none of these

Q6. ∆ABC and ∆PQR are congruent under the correspondence : ABC↔RQP, then

 (A) ∠A =……….

 (B) ∠B =……….

 (C) ∠C =……….

 (D) PQ =……….

 (E) QR =………..

 (F) PR =………..

Q7. What is the side included between the angles A and B in ∆ABC?

 (A) AB (B)BC

 (C)AC (D) none of these

Q8. Can two equilateral triangles always be congruent?

Q9. Among two congruent angles ,one has a measure of 70⁰ .What is the measure of the other angle?

 (A) 140⁰ (B)35⁰

 (C)70⁰ (D)110⁰

Q10. Two square are congruent if they have same………….

Q11. Two rectangles are congruent if they have same…………. and …………..

B

Q12. In the given figure AB=AD & ∠BAC=∠DAC.Then,

 (A)………≅ABC (B) BC=………

 (C) ∠BCA=……. (D)line segment AC bisect …….&……..

D

C

A

ANSWERS

Q1. B

Q2. D

Q3. C

Q4. B

Q5. A

Q6. ∠R,∠Q,∠P,CB,BA,CA

Q7. A

Q8. NO

Q9. C

Q10.SIDE

Q11.LENGTH AND BREADTH

Q12. ADC, DC, ∠DCA, ∠A & ∠C