Class: VII

Subject: Maths (unsolved sample paper)

Summative Assessment –II

Time: **3 hours**   MM:90

Name: _____   class & section: _____   Roll.no._____

Invigilator's Name & Signature _____

General Instructions:
(i) Attempts all question.
(ii) Question paper should divided four sections.
(ii) Section-A Contains 8 question Q. No. 1 to 8 each carries 1 mark;
    Section-B Contains 6 question Q.No. 9 to 14 each carries 2 marks;
    Section-C Contains 10 question Q.No. 15 to 24 each carries 3 marks;
    Section-D Contains 10 questions each carries 4 marks.
(iii) Solve the question section wise.

SECTION-A

(8 x 1 = 8 marks)

Choose the correct option for the following.

Q1. Which is the value of $(7)^2$

(a) 49   (b) 14   (c) $\dfrac{7}{2}$ (d) 9

Q2. This is the value of $5° \times a°$

(a) 0   (b) 1   (c) 5a   (d) $\dfrac{a}{5}$

Q3. This is the Product of 0.3×15

    (a) 45   (b) 4.5   (c) 0.45   (d) 0.5

Q4. Which is the correct digit in the blanks of $\dfrac{3}{4} = \dfrac{\square}{-24}$.

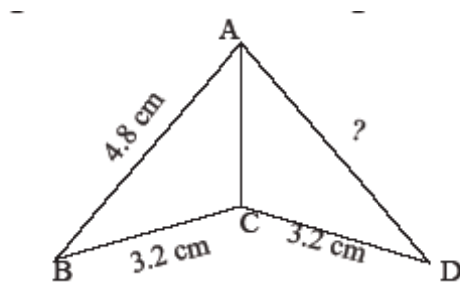   (a) -6   (b) -18   (c) 18   (d) 6

Q5. This is the simplest form of 15:40

    (a) 3:8   (b) 3:4   (c) 3:10   (d) 8:3

Q6. What is percentage if $\dfrac{3}{5}$ convert to percent

    (a) 60%   (b) 50%   (c) 30%   (d) 15%

Q7. In the adjoining figure, which is the length of AD if ΔABC≅ΔADC

    (a) 3.2 cm   (b) 4.8 cm   (c) 6.4 cm   (d) 8.0 cm

Q8. What is area of Square ABCD if AB=4cm

    (a) 16 cm^2 (b) 8 cm^2 (c) 4cm^2 (d) 64 cm^2

SECTION-B

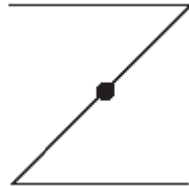Q9. Ram carries a bag weighing 5.5 kg. How many grams is it?

Q10. Represent: $\dfrac{-4}{5}, \dfrac{-3}{5}, \dfrac{2}{5}$ *and* $\dfrac{7}{5}$ on number line.

Q11. Find the value of $\angle$.
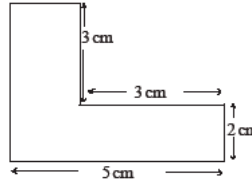
Q12. What is the perimeter of the given figure?

Q13. Write the angle of rotation and the order of rotation for the alphabet

Q14. Construct a ΔABC in which AB=BC=CA=5cm.

SECTION-C

Q15. The measures of two sides of a Parallelogram are in the ratio 17:7 If the second

side measures 3.5 cm. Find the perimeter of the Parallelogram.

OR

Find the perimeter of rectangle ABCD given that AB=13cm. BC=8 cm.

Q16. Construct a ΔPQR in which PQ=7cm and hypotenuse QR=12cm.

Q17. In the given figure AB=AC and BD=DC prove that
(a) ΔABD ≅ ΔACD
(b) ∠ADB= ∠ADC=90°
(c) ∠B= ∠C