

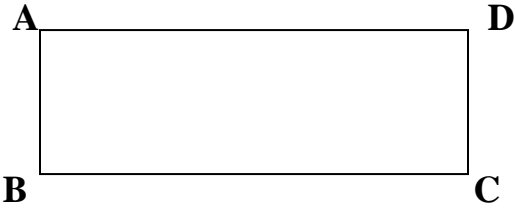
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PERIODICAL TEST II (2018-2019)

CLASS VI

SUBJECT : MATHEMATICS

MM - 80

MARKING SCHEME

- Q1. Eighty five lakhs forty two thousand six hundred and fourteen (1)**
Q2. 0 (1)
Q3. 180^0 (1)
Q4. 2 (1)
Q5. Decrease in height (1)
Q6. $\frac{5}{8}$ (1)
- Q7. (i) 80,000 (ii) 1,09,200 (1+1)**
Q8. 58999, 58998, 58997, 58996 (2)
- Q9. (a) ,(b) and (d) are simple . (c) is not simple (1/2 each)**
Q10. (i) 2 (ii) 3 (1+1)
Q11. $\frac{4}{6}, \frac{6}{9}$ (1+1)
Q12. -4, -3, -2, -1, 0, 1, 2, 3 (2)
Q13. $98432 - 23489 = 74943$ (1 each)
Q14. $919 \times (100 + 3) = 91900 + 2757 = 94657$ (1 each)
**Q15. $1+2+1+5+9 = 18$ is divisible by 3 and 9.
12159 is divisible by 3 and by 9 but not divisible by 11. (1 each)**
Q16. (a) Point A (b) Points A , C ,D (c) Point B (1 each)
Q17.
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- i) AB, BC (1 each) ii) $\angle ABC, \angle CDA$ iii) AB, DC (1 each)**
- Q18. (i) Equilateral triangle (1 each)**
(ii) Right angled triangle (1 each)
(iii) Isosceles triangle
- Q19. i) 11 (1.5 each) ii) -125**
- Q20. i) +1 (1 each) ii) 8 iii) +100**

Q21. In ascending order $\frac{1}{5}, \frac{3}{5}, \frac{4}{5}, \frac{6}{5}, \frac{7}{5}, \frac{11}{5}$

In descending order $\frac{11}{5}, \frac{7}{5}, \frac{6}{5}, \frac{4}{5}, \frac{3}{5}, \frac{1}{5}$ **(1.5 each)**

Q22 $\frac{14}{3} + \frac{7}{2} = \frac{49}{6} = 8\frac{1}{6}$ **(1 each)**

Q23. Distance covered in a day = $1875 \times 2 = 3750\text{m}$

Distance covered in 6 days = $3750 \times 6 = 22500\text{m} = 22.5\text{km}$ (2 each)

Q24. i) 39800 ii) 52700 (2 each)

Q25. $18 = 2 \times 3 \times 3$

$54 = 2 \times 3 \times 3 \times 3$

$81 = 3 \times 3 \times 3 \times 3$

HCF = $3 \times 3 = 9$ (1 each)

Q26. LCM of 18, 24, 32 = 288

1152 is the smallest 4 digit number divisible by 18, 24 and 32. (2 each)

Q27. Correct figure (4)

Q28. Shape of match box is a cuboid.

No. of faces = 6, No. of edges = 12, No. of vertices = 8 (1 each)

Q29. (i) 0 (ii) - 5 (2 each)

Q30. Length of the other piece = $\frac{7}{8} - \frac{1}{4} = \frac{5}{8}$ m (2 each)