

St. Andrews Scots School

Near Navniti Apartments,

I.P. Extension, Patparganj, Delhi -110092

Session: 2025-2026

Class: V

Subject: Mathematics

Topic: Unit -2 (Roman Numbers)

Questions to be done-

Warm up points –

Remember points –

Roman Number tables

Ex-1 Q.1, Q.4 (Book)

Q.2, Q.3

Q.5 (Book H.W)

Mental Maths Corner

Case based questions-

Lesson-2 : Roman Numerals

Warm Up

1. Greatest : LVI = 56
2. Smallest : XLV = 45
3. Greatest : LXII = 62
4. Smallest : LXXIV = 74

Exercise-1

1. (a) (i) $XC - XXI = (100 - 10) - (10 + 10 + 1) = 90 - 21 = 69 = LXIX = L + XIX$
(b) (ii) $264 = 200 + 60 + 4 = CC + LX + IV = CCLXIV$
2. (a) $334 = 300 + 30 + 4 = CCC + XXX + IV = CCCXXXIV$
(b) $467 = 400 + 60 + 7 = CD + LX + VII = CDLXVII$
(c) $579 = 500 + 70 + 9 = D + LXX + IX = DLXXIX$
(d) $212 = 200 + 10 + 2 = CC + X + II = CCXII$
(e) $289 = 200 + 80 + 9 = CC + LXXX + IX = CCLXXXIX$
3. (a) $CCLXXXII = CC + LXXX + II = 200 + 80 + 2 = 282$
(b) $DCCLXII = DCC + LX + II = 700 + 60 + 2 = 762$
(c) $CXXXV = C + XXX + V = 100 + 30 + 5 = 135$
(d) $CLXII = C + LX + II = 100 + 60 + 2 = 162$
(e) $CXC = C + XC = 100 + 90 = 190$

4.

VVV ✗	XXX	CCCVIII	DDD ✗	XXXX ✗
IL ✗	VVI ✗	DDX ✗	CIX	LXXXIX

5. $457 = 400 + 50 + 7 = CD + L + VII = CDLVII$
 $189 = 100 + 80 + 9 = C + LXXX + IX = CLXXXIX$
 $366 = 300 + 60 + 6 = CCC + LX + VI = CCCLXVI$
 $545 = 500 + 40 + 5 = D + XL + V = DXLV$
So, (a) A—(iv), B—(iii), C—(i), D—(ii) is correct.

Critical Thinking

1. $L - XXIX + XIV = 50 - 29 + 14$
 $= 64 - 29 = 35 = XXXV$
2. $M - DCCCL + C = 1000 - (500 + 300 + 50) + 100$
 $= 1000 - 850 + 100 = 1100 - 850$
 $= 250 = CCL$

Mental Maths Corner

1. (a) $CXLVI = 100 + 40 + 6 = 146$, $C = 100$
Now, $146 - 100 = 46$ and $46 = XLVI$
So, $C + XLVI = CXLVI$
- (b) $CD = 400$, $D = 500$
Now, $500 - 400 = 100$ and $100 = C$
So, $CD + C = D$
- (c) $CD = 400$, $CM = 900$
Now, $900 - 400 = 500$ and $500 = D$
So, $CD + D = CM$
- (d) $D + D = 500 + 500 = 1000 = M$
2. (a) $CV = 105$, $CX = 110$, $CXV = 115$, $CXX = 120$
Each term is 5 more than the preceding term (except the first term).
So, the next terms are
 $125 = CXXV$, $130 = CXXX$, $135 = CXXXV$, $140 = CXL$
- (b) $DCCXCI = 791$, $DCCXCIV = 794$, $DCCXCVII = 797$,
 $DCCC = 800$
Each term is 3 more than the preceding term (except the first term).
So, the next terms are
 $803 = DCCCIII$, $806 = DCCCVI$, $809 = DCCCIX$,
 $812 = DCCCXII$

Case Based Questions

1. $CDLXXVI = CD + LXX + VI = 400 + 70 + 6 = 476$
Thus, Aryabhata was born in 476 CE.
 2. $CDXCIX = CD + XC + IX = 400 + 90 + 9 = 499$
Thus, Aryabhata was written in 499 CE.
 3. $CDLXXVI = 476$
 $DL = 500 + 50 = 550$
Now, $550 - 476 = 74$
Thus, Aryabhata lived for 74 years.
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