

Key to

An Easy Approach to

MATHEMATICS

2

Based on New Syllabus

A. MARIA SUSAI

SENIOR TEACHER OF MATHEMATICS

PETIT SEMINAIRE HIGHER SECONDARY SCHOOL

PONDICHERRY

ASSISTED BY

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UNIT I

1 3, 5, 7, 9, 6

2

10 Ten	14 Fourteen	17 Seventeen
11 Eleven	15 Fifteen	18 Eighteen
12 Twelve	16 Sixteen	19 Nineteen
13 Thirteen		

2A

32	70 Seventy	30 Thirty
55	60 Sixty	20 Twenty
90 Ninety	50 Fifty	10 Ten
80 Eighty	40 Forty	

2C

60	65	70	75	80	85	90	95
61	66	71	76	81	86	91	96
62	67	72	77	82	87	92	97
63	68	73	78	83	88	93	98
64	69	74	79	84	89	94	99

2D

Ninety Five	Thirty nine	Forty Four	Forty six
Eighty Five	Fifty eight	Eighty Five	Ninety nine
Sixty eight	Ninety three	Sevent four	Eighty
Ninety one	Forty seven	Fifty three	Twenty six
Twenty seven	Sixty one	Forty nine	Seventy
Ninety two	Ninety six	Thirty five	Sixty four
Forty one	Sixty three	Sixty nine	Thirty
Ninety seven	Thirty six	Twenty four	Eighty nine
Forty three	Thirty four	Ninety eight	Fifty nine
Ninety four		Seventy two	

3

1. 1. 90	4. 22	7. 46	2. 1. 21
2. 35	5. 55	8. 35	4. 46
3. 12	6. 80	9. 48	5. 87
			6. 45
			7. 56
			8. 71
			9. 99

- | | | | | | | |
|----|----|---|----|---|-----|---|
| 3. | 1. | > | 5. | = | 9. | < |
| | 2. | < | 6. | > | 10. | = |
| | 3. | = | 7. | < | 11. | > |
| | 4. | > | 8. | < | 12. | > |
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- | | | | | | | | | | |
|----|----|-----|----|----|-----|----|-----|-----|----|
| 4. | 2. | 31, | 13 | 5. | 65, | 56 | 8. | 99, | 99 |
| | 3. | 84, | 48 | 6. | 83, | 38 | 9. | 63, | 36 |
| | 4. | 74, | 47 | 7. | 93, | 39 | 10. | 42, | 24 |

4

1.
 1. 13, 15, 17, 19, 21, 23, 25
 2. 8, 10, 12, 14, 16, 18, 20, 22
 3. 31, 41, 51, 61, 71, 81, 91, 101
 4. 28, 33, 38, 43, 48, 53, 58, 63
 5. 29, 33, 37, 41, 45, 49, 53, 57
 6. 18, 21, 24, 27, 30, 33, 36, 39
2.
 1. 12, 21, 23, 32, 50, 68, 86
 2. 14, 41, 45, 50, 54, 68, 86
 3. 19, 29, 39, 59, 69, 92, 95
3.
 1. 94, 87, 62, 42, 30, 26, 24
 2. 92, 83, 43, 38, 32, 23, 13
 3. 87, 78, 76, 74, 67, 47, 37

6

- | | |
|-------------------|-------------------|
| 6 3, Sixty Three | 3 7, Thirty Seven |
| 7 4, Seventy Four | 6 2, Sixty Two |
| 1 8, Eighteen | 3 3, Thirty Three |
| 5 5, Fifty Five | 6 0, Sixty |
| | 9 4, Ninety Four |
| | 9 0, Ninety |

7

- | | | | | | |
|----|----|----|----|----|----|
| 1. | 93 | 74 | 2. | 52 | 75 |
| | 88 | 47 | | 39 | 57 |
| | 56 | 29 | | 20 | 68 |
| | 39 | 16 | | 35 | 96 |
| | 60 | 92 | | 44 | 82 |
| | 72 | 66 | | 16 | 60 |
-
3. 7, 3, 9, 4, 4, 5
 4. 1 9, 2 5, 3 9, 4 6, 5 7, 6 8

MULTIPLE CHOICE QUESTIONS

- | | | | |
|--------|---------|---------|---------|
| 1. (b) | 2. (d) | 3. (b) | 4. (b) |
| 5. (c) | 6. (a) | 7. (b) | 8. (c) |
| 9. (d) | 10. (b) | 11. (c) | 12. (c) |

UNIT II

1

- | | | | | |
|-------|-----|---------------|--------|---------------|
| 1. 1. | 200 | Two hundred | 5. 600 | Six hundred |
| 2. | 300 | Three hundred | 6. 700 | Seven hundred |
| 3. | 400 | Four hundred | 8. 800 | Eight hundred |
| 4. | 500 | Five hundred | 9. 900 | Nine hundred |

2

- | | | |
|-------|-----|-------------------------------|
| 1. 1. | 126 | One hundred and twenty six |
| 2. | 351 | Three hundred and fifty one |
| 3. | 247 | Two hundred and forty seven |
| 4. | 463 | Four hundred and sixty three |
| 5. | 521 | Five hundred and twenty one |
| 6. | 632 | Six hundred and thirty two |
| 7. | 743 | Seven hundred and forty three |
| 8. | 825 | Eight hundred and twenty five |
| 9. | 934 | Nine hundred and thirty four. |

3

- | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 103 | 104 | 105 | 106 | 107 | 108 | 109 | |
| | 112 | 113 | 114 | | 116 | 117 | 118 | 119 |
| | | 218 | 217 | 216 | | 214 | 213 | 212 |
| | 209 | | 207 | 206 | 205 | 204 | 203 | 202 |
| | 302 | 303 | | 305 | 306 | 307 | 308 | 309 |
| | | 313 | 314 | 315 | 316 | 317 | 318 | 319 |
| | | 418 | 417 | 416 | 415 | 414 | 413 | 412 |
| | 409 | 408 | 407 | 406 | 405 | 404 | 403 | 402 |
| | | 553 | 554 | 555 | 556 | 557 | 558 | 559 |
| 561 | 562 | 563 | 564 | | 566 | 567 | 568 | 569 |
| | | 648 | 647 | 646 | 645 | 644 | 643 | 642 |
| | 639 | 638 | 637 | 636 | 635 | 634 | 633 | 632 |
| | | 722 | 723 | 724 | 725 | 726 | 727 | 728 |
| | 709 | 708 | 707 | | 705 | 704 | 703 | 702 |
| | | 878 | 877 | 876 | 875 | 874 | 873 | 872 |
| | 869 | 868 | 867 | 866 | 865 | 864 | 863 | 862 |
| | | 943 | 944 | 945 | 946 | 947 | 948 | 949 |
| | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 |

4

One Hundred and Sixty Three
 Two Hundred and Thirty Seven
 Three Hundred and Sixty Five
 Five Hundred and Seven
 Five Hundred and Sixteen
 Six Hundred and Fifty Three
 Seven Hundred and Twenty Four
 Eight Hundred and Thirty Six
 Nine Hundred and Sixty Two
 Seven Hundred and Forty Five
 Nine Hundred and Nine
 Nine Hundred and Fifteen
 Three Hundred and Thirteen
 Two Hundred and Thirty Four
 Eight Hundred and Fifty Seven
 Five Hundred and Fifty One
 Three Hundred and Eighty Eight
 One Hundred and Ninety Four
 Six Hundred and Forty Six
 Four Hundred and Four
 Eight Hundred and Eighty
 Nine Hundred and Sixty Eight
 Seven Hundred and Seventy Five
 Six Hundred and Ninety

Five Hundred
 Six Hundred and Sixty
 Four Hundred and Forty
 Six Hundred and Sixty Six
 Nine Hundred and Ninety
 Nine Hundred and Ninety Nine
 Four Hundred and Sixty Eight
 Eight Hundred and Eighty Eight
 Four Hundred and Nine
 Seven Hundred and Seven
 Three Hundred and Nine
 Six Hundred and Ninety Five
 Five Hundred and Fifty Five
 One Hundred and Eleven
 Two Hundred and Twenty Two
 Six Hundred and Forty Nine
 Two Hundred and Three
 Nine Hundred and Twenty Five
 Four Hundred and Ten
 Two Hundred and Ninety Nine
 One Hundred and Seventy Seven
 Seven Hundred and Seventy Seven
 Three Hundred and Thirty Three
 Five Hundred and Sixty.

5

129	909	880	595
282	414	770	555
376	263	500	111
408	827	770	749
514	504	666	222
657	551	999	303
723	388	478	675
845	192	888	510
961	646	309	399
735	404	707	177

7

1.

	202	203	204	205	206	207	208	
	211	212	213	214	215	216	217	218
	221	222	223	224	225	226	227	228
230	231	232	233	234	235	236	237	238
240	241	242	243	244	245	246	247	248
250	251	252	253	254	255	256	257	258
260	261	262	263	264	265	266	267	268
270	271	272	273	274	275	276	277	278
280	281	282	283	284	285	286	287	288
290	291	292	293	294	295	296	297	298

2.

			903	904	905	906	907	908	
	911	912	913	914	915	916	917	918	919
920	921	922	923	924	925	926	927	928	929
930	931	932	933	934	935	936	937	938	939
940	941	942	943	944	945	946	947	948	949
950	951	952	953	954	955	956	957	958	959
960	961	962	963	964	965	966	967	968	969
970	971	972	973	974	975	976	977	978	979
980	981	982	983	984	985	986	987	988	989
990	991	992	993	994	995	996	997	998	

8

1.

251	252	253	254	255	256	257	258	259	260
361	362	363	364	365	366	367	368	369	370
471	472	473	474	475	476	477	478	479	480
521	522	523	524	525	526	527	528	529	530
691	692	693	694	695	696	697	698	699	700
781	782	783	784	785	786	787	788	789	790
841	842	843	844	845	846	847	848	849	850
981	982	983	984	985	986	987	988	989	990

2.

658	657	656	655	654	653	652	651	650	
946	945	944	943	942	941	940	939	938	
381	380	379	378	377	376	375	374	373	
504	503	502	501	500	499	498	497	496	
367	366	365	364	363	362	361	360	359	
805	804	803	802	801	800	799	798	797	
432	431	430	429	428	427	426	425	424	
153	152	151	150	149	148	147	146	145	

9

1. 1. 456, 458, 460, 462, 464, 466, 468, 470
2. 938, 940, 942, 944, 946, 948, 950, 952
2. 1. 312, 315, 318, 321, 324, 327, 330, 333
2. 822, 825, 828, 831, 834, 837, 840, 843
3. 1. 315, 320, 325, 330, 335, 340, 345, 350
2. 881, 886, 891, 896, 901, 906, 911, 916
4. 1. 158, 168, 178, 188, 198, 208, 218, 228
2. 437, 447, 457, 467, 477, 487, 497, 507
3. 642, 652, 662, 672, 682, 692, 702, 712
5. 1. 405, 505, 605, 705, 805, 905
2. 419, 519, 619, 719, 819, 919
3. 497, 597, 697, 797, 897, 997

10

- | | | |
|--|--|---|
| <ol style="list-style-type: none"> 1. 2. 7, 6, 1 3. 5, 1, 8 4. 6, 0, 4 5. 8, 7, 6 6. 5, 1, 0 7. 5, 8, 3 8. 2, 6, 1 9. 5, 5, 5 10. 6, 6, 8 | <ol style="list-style-type: none"> 2. 2. 7, 100, 40 3. 200, 50, 70 4. 80, 30, 300 5. 60, 700, 80 6. 6, 400, 60 7. 900, 20, 500 8. 300, 600, 4 | <ol style="list-style-type: none"> 3. 1. 537 2. 946 3. 275 4. 687 5. 645 6. 847 |
| <ol style="list-style-type: none"> 4. 2. 975 7. 910 3. 731 8. 801 4. 649 9. 500 5. 528 10. 444 6. 301 11. 217 | <ol style="list-style-type: none"> 5. 1. 483 6. 333 2. 835 7. 907 3. 523 8. 346 4. 941 9. 499 5. 650 10. 300 | <ol style="list-style-type: none"> 11. 560 16. 831 12. 608 17. 222 13. 785 18. 999 14. 816 19. 666 15. 555 20. 707 |

12

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. 1. > 6. > 11. < 2. > 7. > 12. > 3. < 8. < 13. > 4. < 9. > 14. < 5. > 10. < 15. > | <ol style="list-style-type: none"> 2. 1. 312 5. 619 9. 412 2. 642 6. 925 10. 576 3. 341 7. 464 11. 550 4. 753 8. 948 12. 872 |
|--|--|

- | | | |
|-----------|---------|---------|
| 3. 1. 998 | 6. 126 | 11. 850 |
| 2. 200 | 7. 257 | 12. 119 |
| 3. 463 | 8. 302 | 13. 640 |
| 4. 518 | 9. 464 | 14. 246 |
| 5. 342 | 10. 407 | 15. 373 |

13

1. 100, 200, 500, 600, 700, 800, 900
2. 251, 310, 351, 365, 425, 450, 951
3. 810, 820, 840, 890, 910, 920, 940
1. 800, 600, 500, 400, 300, 200, 100
2. 999, 888, 777, 666, 555, 222, 111
3. 635, 587, 425, 416, 399, 250, 115

MULTIPLE CHOICE QUESTIONS

- | | | | |
|--------|--------|--------|--------|
| 1. (d) | 2. (c) | 3. (a) | 4. (b) |
| 5. (b) | 6. (a) | 7. (b) | 8. (a) |
| 9. (b) | | | |

Unit III

1

- | | | | | | |
|----------|--------|--------|--------|--------|---------|
| 1. 1. 20 | 7. 57 | 12. 88 | 18. 28 | 23. 90 | 29. 80 |
| 2. 17 | 8. 100 | 13. 68 | 19. 70 | 24. 80 | 30. 50 |
| 3. 20 | 9. 100 | 14. 96 | 20. 70 | 25. 70 | 31. 96 |
| 4. 20 | 10. 19 | 15. 29 | 21. 90 | 26. 80 | 32. 66 |
| 5. 19 | 11. 78 | 16. 49 | 22. 90 | 27. 60 | 33. 110 |
| 6. 26 | | 17. 40 | | 28. 90 | |

2

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|-------|-------|-------|-------|-------|
| 1. 15 | 2. 15 | 3. 11 | 4. 11 | 5. 16 |
|-------|-------|-------|-------|-------|

3A

- | | | |
|---------|--------|------------|
| 1. 1. 6 | 11. 16 | 21. 55, 44 |
| 2. 24 | 12. 50 | 22. 6 |
| 3. 6 | 13. 35 | 23. 25, 75 |
| 4. 9, 5 | 14. 8 | 24. 32, 23 |
| 5. 6 | 15. 19 | 25. 10 |
| 6. 13 | 16. 20 | 26. 27 |
| 7. 10 | 17. 60 | 27. 33, 66 |

8. 45	18. 68	28. 10
9. 84	19. 6	29. 12
10. 10	20. 46	30. 10

2. 1. 8	5. 2	8. 5	12. 3
2. 6	6. 4	9. 8	13. 6
3. 20	7. 6	10. 6	14. 11
4. 3		11. 30	

4A

1. 89	8. 95	15. 97	22. 97	29. 95	36. 69
2. 72	9. 58	16. 58	23. 88	30. 68	37. 75
3. 49	10. 62	17. 82	24. 67	31. 99	38. 89
4. 99	11. 89	18. 99	25. 94	32. 99	39. 99
5. 89	12. 89	19. 96	26. 97	33. 98	40. 99
6. 96	13. 69	20. 88	27. 68	34. 49	41. 89
7. 77	14. 97	21. 98	28. 99	35. 85	42. 98

5A

1. 778	8. 999	15. 998	22. 778	29. 978
2. 599	9. 999	16. 598	23. 679	30. 579
3. 989	10. 647	17. 749	24. 989	31. 845
4. 699	11. 587	18. 869	25. 787	32. 885
5. 989	12. 877	19. 897	26. 787	33. 357
6. 899	13. 999	20. 999	27. 989	34. 859
7. 879	14. 689	21. 888	28. 779	35. 658

7

1. 2. 6, 62	8. 3, 33	2. 1. 90	8. 5
3. 9, 96	9. 5, 55	2. 5	9. 1
4. 4, 44	10. 10, 106	3. 40	10. 80
5. 7, 79	11. 8, 78	4. 80	11. 7
6. 2, 27	12. 6, 64	5. 4	12. 50
7. 0, 90		6. 50	13. 3
		7. 30	14. 90

9

1. 84	7. 73	13. 80	19. 62	25. 94	31. 62
2. 62	8. 84	14. 56	20. 95	26. 74	32. 60
3. 80	9. 85	15. 83	21. 45	27. 62	33. 82
4. 92	10. 48	16. 84	22. 84	28. 58	34. 81

5. 99	11. 90	17. 75	23. 97	29. 81	35. 83
6. 78	12. 98	18. 98	24. 83	30. 80	36. 94

10

1. 783	7. 781	13. 993	19. 772	25. 429
2. 654	8. 763	14. 590	20. 548	26. 797
3. 782	9. 395	15. 580	21. 439	27. 839
4. 945	10. 634	16. 722	22. 532	28. 831
5. 691	11. 938	17. 968	23. 774	29. 798
6. 890	12. 872	18. 931	24. 766	30. 890

11

1. 959	2. 559	3. 675	4. Rs. 975	5. 774
6. 47	7. 75	8. 499	9. 387	10. 187

12

1. 975	2. Rs. 630	3. Rs. 810	4. Rs. 835
5. Rs. 885	6. Rs. 875	7. Rs. 895	

13

1. 180 J	95 O	63 Y	
180 95 63	JOY	JOY	
2. 165 W	131 I	86 S	112 E
165 131 86 112		WISE	WISE
3. 117 C	112 E	55 N	93 T
110 U	114 M		
117 112 55 93 110 114		CENTUM	
4. 99 G	95 O	95 O	100 D
55 N	112 E	165 W	86 S
99 95 95 100 55 112 165 86		GOODNEWS	GOODNEWS
5. 99 G	95 O	95 O	100 D
78 L	110 U	117 C	76 K
99 95 95 100 78 110 117 76		GOODLUCK	GOODLUCK

4. 172	11. 333	18. 222	25. 413	32. 125
5. 211	12. 233	19. 327	26. 532	33. 322
6. 317	13. 551	20. 642	27. 400	34. 441
7. 333	14. 262	21. 312	28. 211	35. 330

8

1. 25	8. 12	15. 39	22. 16	29. 55	36. 39
2. 42	9. 37	16. 17	23. 38	30. 27	37. 21
3. 49	10. 46	17. 28	24. 24	31. 18	38. 29
4. 29	11. 36	18. 28	25. 38	32. 18	39. 9
5. 46	12. 35	19. 19	26. 27	33. 19	40. 24
6. 15	13. 17	20. 19	27. 67	34. 74	41. 25
7. 34	14. 67	21. 19	28. 44	35. 36	42. 26

9

1. 324	8. 439	15. 625	22. 429	29. 219
2. 249	9. 214	16. 138	23. 239	30. 158
3. 616	10. 327	17. 429	24. 139	31. 377
4. 249	11. 293	18. 636	25. 830	32. 419
5. 491	12. 185	19. 181	26. 192	33. 193
6. 267	13. 259	20. 669	27. 187	34. 289
7. 279	14. 156	21. 168	28. 189	35. 296

10

1. 16 2. 15 girls 3. 16 pages 4. 38 houses 5. 327
 6. 86 fruits 7. Rs. 125 8. 184 9. 115 marks 10. Rs. 325
 11. 183 12. 257 bags of cement 13. 449

MULTIPLE CHOICE QUESTIONS

- | | | | |
|---------|---------|---------|---------|
| 1. (b) | 2. (d) | 3. (b) | 4. (c) |
| 5. (b) | 6. (c) | 7. (b) | 8. (c) |
| 9. (a) | 10. (c) | 11. (c) | 12. (a) |
| 13. (d) | 14. (d) | 15. (a) | 16. (c) |
| 17. (b) | 18. (b) | 19. (c) | 20. (d) |

UNIT - V

2

1. 14 2. 18 3. 16 4. 10

4

- | | | | | |
|------------------------|---------------------|--|---------|------|
| 1. $2.6 \times 4 = 24$ | $5.7 \times 3 = 21$ | | 2. 1. 5 | 5. 8 |
| 3. $4 \times 5 = 20$ | $6.4 \times 8 = 32$ | | 2. 2 | 6. 6 |
| 4. $3 \times 9 = 27$ | $7.5 \times 6 = 30$ | | 3. 8 | 7. 6 |
| | $8.5 \times 7 = 35$ | | 4. 4 | 8. 2 |
-
- | | | | | | | |
|---------|-------|--------|--|---------|------|-------|
| 3. 1. 9 | 5. 12 | 9. 6 | | 4. 1. 0 | 5. 1 | 6. 0 |
| 2. 3 | 6. 16 | 10. 10 | | 2. 0 | 6. 0 | 7. 50 |
| 3. 15 | 7. 14 | 11. 7 | | 3. 1 | 7. 0 | 8. 0 |
| 4. 8 | 8. 19 | 12. 17 | | 4. 0 | 5. 1 | 9. 0 |

6

- | | | | | | |
|-------|-------|-------|--------|--------|--------|
| 1. 96 | 4. 86 | 7. 88 | 10. 68 | 13. 69 | 16. 48 |
| 2. 99 | 5. 28 | 8. 63 | 11. 48 | 14. 80 | 17. 90 |
| 3. 80 | 6. 40 | 9. 60 | 12. 66 | 15. 42 | 18. 62 |

7

- | | | | | | |
|--------|--------|---------|---------|---------|---------|
| 1. 486 | 5. 888 | 9. 555 | 13. 888 | 17. 666 | 21. 848 |
| 2. 884 | 6. 868 | 10. 369 | 14. 777 | 18. 999 | 22. 666 |
| 3. 996 | 7. 684 | 11. 688 | 15. 639 | 19. 939 | 23. 646 |
| 4. 628 | 8. 482 | 12. 999 | 16. 444 | 20. 888 | 24. 246 |

9

- | | | | | | | | |
|---------|---------|---------|---------|---------|---------|--------|--------|
| 1. 75 | 7. 58 | 13. 87 | 19. 76 | 25. 78 | 31. 105 | 37. 72 | 38. 48 |
| 2. 216 | 8. 304 | 14. 220 | 20. 264 | 26. 260 | 32. 564 | | |
| 3. 162 | 9. 290 | 15. 498 | 21. 322 | 27. 440 | 33. 603 | | |
| 4. 952 | 10. 870 | 16. 747 | 22. 944 | 28. 954 | 34. 944 | | |
| 5. 1012 | 11. 714 | 17. 712 | 23. 984 | 29. 758 | 35. 885 | | |
| 6. 822 | 12. 858 | 18. 935 | 24. 952 | 30. 516 | 36. 992 | | |

10A

- | | | | |
|--------|---------|---------|---------|
| 1. 210 | 9. 220 | 17. 360 | 25. 360 |
| 2. 320 | 10. 600 | 18. 630 | 26. 100 |
| 3. 360 | 11. 600 | 19. 450 | 27. 300 |
| 4. 350 | 12. 400 | 20. 400 | 28. 300 |
| 5. 270 | 13. 3 | 21. 490 | 29. 9 |
| 6. 720 | 14. 6 | 22. 400 | 30. 6 |
| 7. 310 | 15. 800 | 23. 900 | 31. 80 |
| 8. 170 | 16. 900 | 24. 780 | 32. 40 |

11

1. 648 2. Rs. 2750 3. 192 candles 4. 108 pencils
 5. Rs. 1000 6. Rs. 910 7. Rs. 880 8. Rs. 225
 9. 861 books 10. 760 pages 11. Rs. 1000

UNIT - VI**2**

- | | | | |
|---------------------|------------------|---------------------|------------------|
| 2. $30 \div 6 = 5$ | $30 \div 5 = 6$ | 8. $70 \div 10 = 7$ | $70 \div 7 = 10$ |
| 3. $35 \div 7 = 5$ | $35 \div 5 = 7$ | 9. $45 \div 9 = 5$ | $45 \div 5 = 9$ |
| 4. $24 \div 8 = 3$ | $24 \div 3 = 8$ | 10. $48 \div 8 = 6$ | $48 \div 6 = 8$ |
| 5. $24 \div 6 = 4$ | $24 \div 4 = 6$ | 11. $42 \div 6 = 7$ | $42 \div 7 = 6$ |
| 6. $80 \div 10 = 8$ | $80 \div 8 = 10$ | 12. $63 \div 7 = 9$ | $63 \div 9 = 7$ |
| 7. $40 \div 8 = 5$ | $40 \div 5 = 8$ | 13. $72 \div 9 = 8$ | $72 \div 8 = 9$ |

3

- | | | | |
|------|--------|--------|--------|
| 1. 9 | 9. 5 | 17. 7 | 25. 10 |
| 2. 9 | 10. 7 | 18. 4 | 26. 8 |
| 3. 9 | 11. 6 | 19. 6 | 27. 10 |
| 4. 7 | 12. 10 | 20. 8 | 28. 3 |
| 5. 4 | 13. 3 | 21. 2 | 29. 4 |
| 6. 6 | 14. 5 | 22. 6 | 30. 8 |
| 7. 5 | 15. 9 | 23. 8 | 31. 8 |
| 8. 9 | 16. 6 | 24. 10 | 32. 9 |

5

- | | | | |
|-------------------|-------------------|--------------------|--------------------|
| 1. Q = 5
R = 0 | 5. Q = 9
R = 0 | 9. Q = 9
R = 0 | 13. Q = 7
R = 0 |
| 2. Q = 6
R = 1 | 6. Q = 6
R = 5 | 10. Q = 7
R = 6 | 14. Q = 8
R = 0 |
| 3. Q = 4
R = 1 | 7. Q = 9
R = 1 | 11. Q = 9
R = 1 | 15. Q = 8
R = 0 |
| 4. Q = 9
R = 2 | 8. Q = 6
R = 1 | 12. Q = 8
R = 0 | 16. Q = 3
R = 0 |

6

- | | |
|-------------------------------------|-------------------------------------|
| 1. $90 \div 9 = 10$ pages | 2. $72 \div 9 = 8$ rows |
| 3. $96 \div 4 = 24$ girls | 4. $72 \div 8 = \text{Rs. } 9$ |
| 5. Rs. $96 \div 3 = \text{Rs. } 32$ | 6. Rs. $92 \div 4 = \text{Rs. } 23$ |

$7. 55 \div 5 = 11 \text{ benches}$

$8. 56 \div 7 = 8 \text{ sweets}$

$9. 96 \div 6 = 16 \text{ stamps}$

$10. 98 \div 7 = 14 \text{ cards}$

$11. 96 \div 8 = 12 \text{ children}$

$12. 100 \div 10 = 10 \text{ students}$

MULTIPLE CHOICE QUESTIONS

1. (c)

2. (a)

3. (b)

4. (d)

5. (d)

6. (a)

7. (a)

8. (b)

9. (a)

10. (c)

UNIT - VII

2

1. $\frac{3}{4}$

2.

3.

4.

5.

6.

MULTIPLE CHOICE QUESTIONS

1. (c)

2. (b)

3. (c)

4. (b)

5. (c)

6. (c)

7. (c)

8. (d)

9. (b)

10. (a)

Unit-VIII

2

1. 1. two

2. four

3. four

4. eight, two

5. twenty, ten

6. two, ten, twenty

2. 1. two

2. ten

3. four

4. ten

5. five

6. ten

7. fifty

8. five

9. two

10. hundred

3A

1. 1. 100

2. 300

3. 500

4. 600

5. 1000

6. 700

7. 800

8. 400

2. 1. 140

2. 360

3. 720

4. 915

5. 613

6. 925

7. 830

8. 205

9. 545

10. 717

3. 2. Rs.2 + 35P

5. Rs.4 + 26P

4. 2. Rs. 1.37

5. Rs. 8.75

3. Rs.3 + 75P

6. Rs.3 + 60P

3. Rs. 2.75

6. Rs. 4.05

4. Rs.8 + 9P

7. Rs.9 + 15P

4. Rs. 7.50

7. Rs. 2.60

8. Rs.8 + 30P

8. Rs. 9.25

4

- | | | | |
|--------------|--------------|---------------|---------------|
| 1. 85 paise | 6. 90 paise | 11. 8-82 | 16. 10-96 |
| 2. 95 paise | 7. 8-90 | 12. 8-90 | 17. 70 paise |
| 3. 37-81 | 8. 8-82 | 13. 100 paise | 18. 130 paise |
| 4. 8-43 | 9. 75 paise | 14. 100 paise | 19. 67-92 |
| 5. 100 paise | 10. 80 paise | 15. 8 43 | 20. 49-81 |

5

- | | | | |
|-------------|---------------|----------------|---------------|
| 1. 60paise | 7. 44paise | 13. 113 rupees | 19. 6-24 |
| 2. 42paise | 8. 274 rupees | 14. 3-22 | 20. 14-32 |
| 3. 41rupees | 9. 5-16 | 15. 32-05 | 21. 125 paise |
| 4. 1-07 | 10. 36-29 | 16. 32paise | 22. 131 paise |
| 5. 24-15 | 11. 41paise | 17. 34paise | 23. 8-18 |
| 6. 53paise | 12. 37paise | 18. 31 rupees | 25 paise |
| | | | 24. 37 05 |

6

- | | | | |
|---|---|--|--|
| 1. Rs. 225
Rs. 35
+ Rs. 25
<hr/> Rs. 285 | 2. Rs. 500
Rs. 200
+ Rs. 100
<hr/> Rs. 800 | 3. Rs. 225
Rs. 100
+ Rs. 300
<hr/> Rs. 625 | 4. Rs. 95.70
– Rs. 26.45
<hr/> Rs. 69.25 |
| 5. Rs. 625.50
– Rs. 500.75
<hr/> Rs. 124.75 | 6. Rs. 500
– Rs. 375
<hr/> Rs. 125 | 7. Rs. 75.50
+ Rs. 127.50
<hr/> Rs. 202.75
Rs. 500.00
– Rs. 202.75
<hr/> Rs. 297.25 | 8. Rs. 100
– Rs. 15
<hr/> Rs. 85 |

UNIT IX

2

- | | | | | | |
|----------|-------|-------|--------|--------|--------|
| 1. 1. 2 | 2. 4 | 3. 3 | 4. 5 | 5. 10 | 6. 6 |
| 2. 1. 3 | 2. 5 | 3. 7 | 4. 9 | | |
| 3. 1. 60 | 2. 40 | 3. 70 | 4. 400 | 5. 800 | 6. 200 |

3

- | | | |
|-------------|----------|----------|
| 1. 1. 78-48 | 3. 59-58 | 5. 56-28 |
| 2. 35-24 | 4. 24-37 | 6. 45-49 |
| 2. 1. 2-22 | 3. 2-21 | 5. 3-03 |
| 2. 2-44 | 4. 5-30 | 6. 2-22 |

4

1. $4m + 7m + 9m + 3m = 23m$
2. $105cm + 110cm + 102cm + 112cm = 429cm$
3. $410m + 530m + 620m + 725m = 2285m$
4. $65km + 58km + 69km = 192km$
5. $100m - 82m = 18m$
6. $970m - 750m = 220m$
7. $110cm - 97cm = 13cm$
8. $100cm - 65cm = 35cm$
9. $100m - 30m = 70m$

6

1. 1. $50g \times 6 = 300g$
2. $100g \times 4 = 400g$
3. $250g \times 6 = 1500g = 1kg\ 500g$
4. $500g \times 4 = 2000g = 2\ kg$
5. $1000g \times 2 + 200g \times 2 = 2400g = 2kg\ 400gm$

7

- | | | |
|-------------|----------|----------|
| 1. 1. 8-557 | 3. 8-676 | 5. 8-786 |
| 2. 9-875 | 4. 8-711 | 6. 7-890 |
| 2. 1. 3-210 | 3. 4-200 | 5. 3-314 |
| 2. 4-543 | 4. 4-304 | 6. 4-303 |

8

$$\begin{array}{r} 1. \quad 3 \text{ kg} \\ \quad 1 \text{ kg} \\ \quad 2 \text{ kg} \\ + \quad 4 \text{ kg} \\ \hline 10 \text{ kg} \end{array}$$

$$\begin{array}{r} 2. \quad 15 \text{ kg} \\ \quad 12 \text{ kg} \\ + \quad 13 \text{ kg} \\ \hline 40 \text{ kg} \end{array}$$

$$\begin{array}{r} 3. \quad 750 \text{ g} \\ \quad 250 \text{ g} \\ + \quad 500 \text{ g} \\ \hline 1500 \text{ g} \end{array}$$

$$\begin{array}{r} 4. \quad 75 \text{ kg} \\ \quad 80 \text{ kg} \\ + \quad 65 \text{ kg} \\ \hline 220 \text{ kg} \end{array}$$

$$\begin{array}{r} 5. \quad 25 \text{ kg} \\ - \quad 18 \text{ kg} \\ \hline 7 \text{ kg} \end{array}$$

$$\begin{array}{r} 6. \quad 50 \text{ kg} \\ - \quad 38 \text{ kg} \\ \hline 12 \text{ kg} \end{array}$$

$$\begin{array}{r} 7. \quad 100 \text{ kg} \\ - \quad 63 \text{ kg} \\ \hline 37 \text{ kg} \end{array}$$

$$\begin{array}{r} 8. \quad 100 \text{ kg} \\ - \quad 73 \text{ kg} \\ \hline 27 \text{ kg} \end{array}$$

9A

0, 200

1, 0

5

250

500

2

101. 1. 8-875
2. 11-3853. 9-337
4. 8-7075. 8-777
6. 8-7892. 1. 3-240
2. 7-3233. 2-211
4. 4-4145. 2-120
6. 4-122**11**

1. 39 l 2. 60 l 3. 15 l 4. 15 bottles 5. 170 rupees
6. 28 l 7. 69 l 8. 75 l 9. 104 l 10. 63 l

MULTIPLE CHOICE QUESTIONS

1. (b) 2. (d) 3. (c) 4. (c)
5. (b) 6. (c) 7. (b) 8. (b)
9. (b) 10. (b) 11. (d) 12. (c)
13. (d) 14. (b) 15. (a) 16. (b)
17. (d) 18. (b) 19. (a) 20. (b)

UNIT X**2**

6:00	5:00	7:15	12:45	9:30	2:45
11:00	11:15	11:30	7:30	4:45	7:00

4

1. 31 2. Sunday 3. Tuesday 4. 5 5. 4

6

1. minutes, hours 2. 60 3. 24
 4. am 5. 4 O'clock 6. hours, minutes
 7. 7 8. 12 9. 29
 10. April, June, September, November

MULTIPLE CHOICE QUESTIONS

1. (b) 2. (a) 3. (d) 4. (d)
 5. (b) 6. (b) 7. (b) 8. (d)
 9. (d) 10. (a) 11. (a) 12. (a)
 13. (d) 14. (b) 15. (b) 16. (c)
 17. (a) 18. (b)

UNIT XI**3**

- Square Rectangle Circle Triangle
 Cuboid Cone Sphere

A point is a fine dot made by a pencil.

- 8 0 8 0 3 6

MULTIPLE CHOICE QUESTIONS

1. (d) 2. (b) 3. (d) 4. (b)
 5. (a) 6. (b) 7. (c) 8. (d)
 9. (b) 10. (a)

MODEL QUESTIONS FOR QUARTERLY EXAMINATION**PART A**

1. 1. (c) 2. (a) 3. (a) 4. (c) 5. (c)
 6. (a) 7. (a) 8. (b) 9. (d) 10. (b)

PART B

2. 1. 579, Five hundred and seventy nine
2. 138, 143, 148, 153
3. 90, 500
4. 300
5. $<$, $=$
6. 330, 540, 610, 700, 890
7. 976, 945, 901, 890, 812
8. (i) 8 (ii) 25
9. 45
10. 586
2 hundreds + 3 tens + 4 ones
3 hundreds + 5 tens + 2 ones
5 hundreds + 8 tens + 6 ones
11. 3
12. (i) plane
(ii) curved

PART C

3. 1. 800, 50, 9
2. 150
3. 84
4. 79
5. (i) $>$ (ii) $<$ (iii) $<$ (iv) $>$
6. 899
7. 76
8. 968
9. (i) $13 - 7 = 6$ $13 - 6 = 7$
(ii) $17 - 8 = 9$ $17 - 9 = 8$
10. 219
11. (a) 365 (b) 720
12. (a) 37 (b) 10

10. (i) 356, 465, 536, 545, 565, 654
 (ii) 870, 860, 708, 680, 608
11. Rectangle
12. 300, 40, 7

PART D

4. 1. Ajit's father bought fruits for = Rs. 130.50 500.00
 Vegetables for = + Rs. 160.75 - 291.25
 Total money he spent = Rs. 291.25 208.75
- The amount he gave to shopkeeper = Rs. 500
 The amount he got back = Rs. 500 - Rs. 291.25
 = Rs. 208.75
2. The number of apples that can be packed in 8 baskets = 992
 \therefore The number of apples that can be packed in 1 basket
 = $992 \div 8$
 = 124 apples
3. Cost of one mathematical instrument box = Rs. 125
 \therefore Cost of 5 mathematical instrument boxes = Rs. 625

MODEL QUESTIONS FOR ANNUAL EXAMINATION

1. 1. (b) 2. (b) 3. (a) 4. (d)
 5. (c) 6. (b) 7. (a) 8. (b)
 9. (b) 10. (c)

PART B

2. 1. (i) one whole (ii) one half (iii) one whole
 2. (i) am (ii) pm (iii) pm (iv) pm
 3. (i) 8 (ii) 3
 4. 366, 29
 5. 5, 10, 15, 20, 25, 30, 35, 40, 45, 50
 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105
 110, 115, 120

6. $Q = 65, R = 5$
7. Cost of 1 metre of cloth = Rs. 90
8. Cost of 4 watches = Rs. 600
9. (i) 678 (ii) 320
10. (i) 892 (ii) 546
11. (i) 5325m (ii) 7100g
12. (i) 9000ml (ii) 3500ml

PART C

3. 1. (i) kilometres (ii) kilograms
(iii) ml (iv) 2 rupees
2. 9 960
3. 6 389
4. (a) 1 (b) 100 (c) 7 (d) 0
5. (a) 7 (b) 12 (c) hours (d) one quarter
6. (i) April, June, September, November
(ii) January, March, May, July, August, October, December
(iii) February
7. 47 33
8. 66 68
9. 593
 $236 = 2\text{hundreds} + 3\text{tens} + 6\text{ones}$
 $357 = 3\text{hundreds} + 5\text{tens} + 7\text{ones}$
 $5\text{hundreds} + 9\text{tens} + 3\text{ones}$
10. (i) 952
(ii) 996
11. $63 \div 9 = 7$
 $63 \div 7 = 9$
12. $17 - 9 = 8$
 $17 - 8 = 9$

PART D

4. 1. 235 km
2. 225 l
3. 969