

CHAPTER 1 NUMBERS AND NOTATION

STANDARD EXAMINATION QUESTIONS

PART 1

1. Write the following numbers in words.

(a) 3 018

(b) 200 562

(c) 1 023 023

(d) 3 265 091 427

(e) 5 700 560

(f) 880 088 808

(g) 1 090 400

(h) 102 060 490

(i) 3 700 560

(j) 4 093 246

2. Write the following numbers in words.

(a) 42 710

(b) 10 300

(c) 8 023 136 520

(d) 1 065 065

(e) 100 020

(f) 40 600

(g) 54 054

(h) 18 000

(i) 25 360

(j) 3 023 320

PART 2

1. Write the following in numerals.

(a) One hundred ninety-three

(b) Two billion eight hundred eight

(c) Eight thousand eight hundred

(d) Six hundred two thousand eight hundred twenty-seven

(e) Twenty-seven thousand twenty-seven

(f) One hundred thousand one

(g) Four million one thousand one

(h) Twenty-one million seven thousand seven hundred four

(i) Three hundred twenty million

(j) One million ninety-two thousand nine hundred ninety-two

2. Write the following in numerals.

(a) Nine thousand nine hundred nine

(b) Seventy-three thousand seventy-three

(c) Forty-nine thousand four hundred twenty-four

(d) Nine million five hundred thousand twenty-five

(e) One million twenty-three thousand one hundred twenty-three

(f) Ten thousand one hundred two

(g) Two million two hundred two thousand two hundred two

(h) Three million one hundred twenty-three

(i) Seventy-six thousand six hundred sixty-six

(j) Four hundred ten thousand

PART 3

1. What is the meaning of the underlined digit in each of the numbers below?

(a) 2 301 432

(d) 11 871

(b) 303

(e) 4 506 056

(c) 2 105

2. What is the value of the underlined digit in each of the numbers below?

(a) 62 789

(d) 3 120 123

(b) 5 985

(e) 721 700

(c) 40007

PART 4

1. Arrange the following numbers in order of size beginning with the smallest.

(a) 486, 860, 846, 640

(b) 100 210, 1 034, 10 801, 600

(c) 9 410, 9 042, 9 104, 9 040

(d) 802, 8002, 80, 82

(e) 1 200, 1 023, 1 032, 1 302

2. Arrange the following numbers in order of size beginning with the largest.

(a) 8 074, 4 086, 9 099, 8 999

(b) 60 021, 61 200, 60 051, 61 002

(c) 5 432, 8 130, 9 021, 8 594

(d) 80 000, 81 200, 80 730, 80 201

(e) 51 000, 15 000, 150 000, 1 500

PART 5

1. Arrange the following Roman numerals in order of size beginning with the smallest.

(a) MXIX, MCMLXXXII, DCCCLXXIV, MCC, MCM, CCCXIX

(b) XXV, XLIX, CXXII, IX, LIV, XVII

(c) CLXXIV, CCIV, XCIV, DIV, XXXIV, MIV

(d) MDC, XCIX, CMIX, XXVI, DXC, MDL

(e) LXXX, LX, CL, XX, XXIX, VIII

(f) IX, VI, IV, III, XII, XIV

2. Arrange the following Roman numerals in order of size beginning with the largest.

(a) XXXIX, DCCCXXV, XLIV, XLIX, DCLIV, CMXCVIII

(b) CMXX, XLIV, CMXCIX, CDXII, IX, XCIV

(c) XV, XIX, XI, XXI, VIII, XXXIII

(d) VI, IV, XI, IX, DC, XL

(e) XL, DC, LX, XCIV, CMXLVII, CM

(f) LIII, LXX, LIV, XLII, MDL, DXC

PART 6

1. Write the following Arabic numerals in Roman numerals.

- | | | |
|---------------|----------------|------------------|
| a) 33 = _____ | h) 29 = _____ | o) 88 = _____ |
| b) 18 = _____ | i) 315 = _____ | p) 604 = _____ |
| c) 9 = _____ | j) 290 = _____ | q) 1 302 = _____ |
| d) 27 = _____ | k) 66 = _____ | r) 2019 = _____ |
| e) 24 = _____ | l) 73 = _____ | s) 1 976 = _____ |
| f) 91 = _____ | m) 41 = _____ | t) 888 = _____ |
| g) 54 = _____ | n) 45 = _____ | |

2. Write the following Roman numerals in Arabic numerals.

- a) XX = _____
- b) XXI = _____
- c) CC = _____
- d) XCV = _____
- e) CD = _____
- f) MMII = _____
- g) MX = _____
- h) XCIX = _____
- i) CMXL = _____
- j) DXXIII = _____

PART 7

1. Find answers to the following:

- (a) A man was born in 1802. Write his year of birth in Roman numerals.
- (b) Mr Musonda was born in 1964. How old was he in 2015? Give your answer in Roman numerals.
- (c) What is the difference between 1456 and 23? Give your answer in Roman numerals.
- (d) What is the sum of 860 and 943? Give your answer in Roman numerals.
- (e) Mr Kalimina was born in MCMXXIX and died in MCMXCVI. How long did he live? Give your answer in Arabic numerals.
- (f) A man died and his age was given as LXIX. What is this age in Arabic numerals?
- (g) Write the following Roman numerals in ascending order:
L, I, V, XI, D, XIV, X, C
- (h) Write down the biggest number in the following set of numbers.
DCLIV, 465, 645.
- (i) Write the year 2019 in Roman numerals.
- (j) Take away 816 from 1000. Give your answer in Roman numerals.