

1 hour

2 & 1

FINALPREPS
EXAMINATIONS CONSORTIUM



END OF TERM 2 EXAMINATIONS

MATHEMATICS

Answer Only four questions from this part

1. a. Compare the following numbers by inserting $<$, $>$ or $=$. [6marks]

i. 67473 _____ 67463 ii.
10937 _____ 10293 iii.
8356 _____ 8350

- b. Find the L.C.M of the following numbers. [8marks]

i. 4 and 9 ii.
8 and 12

2. a. i. Use the long division method to find $6375 \div 15$.

ii. 189 text books were shared equally among seven students. One of the students sold all his text book each at GHC2.00. How much did he get from selling his share of the text books?

- b. Determine the LCM of 18, 24 and 30 using the factor tree.

3. a. Complete the table below by rounding each of the following numbers to the nearest hundreds and thousands. [8marks]

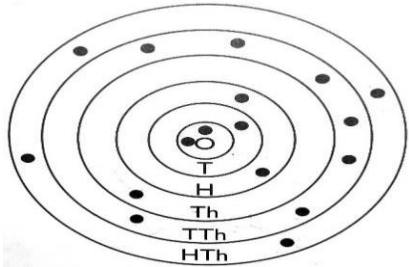
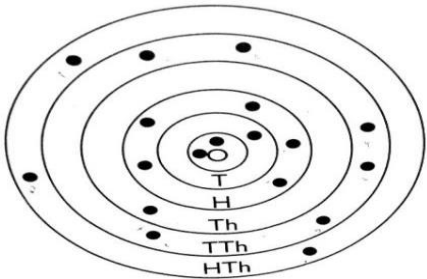
Number	To the nearest hundreds	To the nearest thousands
37482		

269678		
476473		
360687		

- b. Change the following into Roman Numeral System.
- i. 99
 - ii. 53

4. a. Count the pebbles in each ring and represent the number in a place value chart. [6marks]

i.



- b. Find the H.C.F of 24 and 30 [5marks]
5. a. Skip count backwards in 50s to include the third count.[4marks]
- i. 720, 670, _____, _____ ii.
 - 880, 830, _____, _____
- b. Change the following into Hindu Arabic numerals
- i. C
 - ii. XLI
 - iii. LXV
 - iv. LI
 - v. XCV

Answer **ALL** questions in this section by choosing the correct answer from the options lettered A-D

1. What is the value of the digit 3 in 731?
 - a. 300
 - b. 3
 - c. 30
 - d. 700
2. What is 50% of 80?
 - a. 30
 - b. 35
 - c. 40
 - d. 45
3. Which of these is greater $\frac{1}{2}$ or $\frac{1}{4}$?
 - a. $\frac{1}{2}$
 - b. $\frac{1}{4}$
 - c. Both
 - d. None
4. What is the next odd number after 31?
 - a. 33
 - b. 32
 - c. 34
 - d. 29
5. Write 600 in roman numerals
 - a. C
 - b. D
 - c. M
 - d. DC
6. If 8
 - a. 6
 - b. 8
 - c. 7
 - d. 9
7. What is 15 more than 85?
 - a. 90
 - b. 95
 - c. 105
 - d. 100
8. What is the sum of 43 and 27?
 - a. 60
 - b. 50
 - c. 80
 - d. 70
9. Which number is in the thousand places in 5,678?
 - a. 5
 - b. 6
 - c. 7
 - d. 8
10. Identify the figure with three digits
 - a. 25
 - b. 2000
 - c. 99
 - d. 345
11. What is the successor of 999?
 - a. 998
 - b. 1001
 - c. 1000
 - d. 1100
12. How many minutes are there in an hour?
 - a. 30
 - b. 60
 - c. 45
 - d. 90
13. Divide 49 by 7?
 - a. 6
 - b. 7
 - c. 8

- d. 9
14. Identify the words that represents the figure 204.
- Twenty- four
 - Two hundred and four
 - Two hundred and forty
 - Four hundred and two
15. if you have 3 hundreds, 2, tens and 5 ones blocks, what number do you have? a. 325
- 235
 - 352
 - 253
16. if a number is represented by 5 tens and 3 ones, what is the number?
- 53
 - 35
 - 500
 - 305
17. What is 132 rounded to the nearest hundred? a. 130
- 140
 - 200
 - 100
18. Round the 23845 to the nearest hundred.
- 23800
 - 23900
 - 23100
 - 23840
19. Round 43652 to the nearest thousand.
- 43600
 - 43650
 - 43700
 - 44000
20. Round 19854 to the nearest ten.
- 19850
 - 19800
 - 19900
 - 10000
21. If $4 \times 9 = 36$, find 6×6 .
- 66
 - 12
 - 36
 - 63
22. If $92 \div 4 = 23$, then $4 \times x = 92$. Find x .
- $x = 16$
 - $x = 38$
 - $x = 23$
 - $x = 13$
23. Given that $8 \times 16 = 128$. Find $128 \div 8$.
- 16
 - 11.1
 - 14
 - 136
24. Find the HCF of 64, 96 and 128.
- 10
 - 32
 - 5
 - 2
25. Determine the HCF and LCM of 48 and 36.

- | | |
|----------------|------|
| a. 12 and 144. | a. 7 |
| b. 7 and 14. | b. 5 |
| c. 6 and 3. | c. 6 |
| d. 2 and 3. | d. 8 |

26. Write 90483 in words.

- Nine Thousand Four Hundred and Eight Three.
- Ninety Thousand, Four Hundred and Eighty-Three.
- Ninety- Four Thousand and EightyThree.
- Nine Hundred Thousand, Four Hundred and Eight Three.

Find then missing addend from question 27 – 29.

27. $XV + \dots = XCI$

- XCV
- LXXIV
- LXXV
- LXXVI

28. $LX + \dots = LXII$.

- LII
- II
- LXI
- XII

29. $\dots + VII = LXV$.

- LX
- LV
- LXXII
- LVIII

30. Find the smallest number that must be subtracted from 6,121 to make it divisible by 11.

