FIRST SEMESTER EXAMINATION
MATHEMATICS 1 - BASIC 7
OBJECTIVE TEST

Answer all questions in this paper by shading the correct answer on the shading sheet provided. Shade only one answer. Erase completely if you want to change the option selected

1. Multiply 547 by 0.02
   A. 109.4
   B. 10.94
   C. 194
   D. 1094

2. What must be multiply by 49 to give 3038?
   A. 72
   B. 42
   C. 52
   D. 62

3. A pencil and 5 erasers cost GH3.50. The pencil cost GH1.00. What is the cost of an eraser?
   A. GH¢1.50
   B. GH¢0.50
   C. GH¢2.00
   D. GH¢0.20

4. Find the sum of the following 3.04, 0.3, 11.02 and 0.7
   A. 15.06
   B. 14.06
   C. 13.06
   D. 16.06

5. Find the missing number if 769 +{}=1010
   A. 256
   B. 241
   C. 245
   D. 346

6. Divide 364 by 7
   A. 62
   B. 72
   C. 52
   D. 42

7. Which of the following statement is true?
   A. 474 > 901
   B. 810 > 801
   C. 741 < 641
   D. 347 < 299

8. Ama earns GH¢2,754 more than Esi in a year. If Esi earns Gh¢30, 745 yearly, how much does Ama earn in a year?
   A. Gh¢32, 499
   B. G¢h33, 399   Bonus
   C. Gh¢33, 599
   D. Gh¢34 499

9. Find the sum of all even numbers between 70 and 80
   A. 450
   B. 280
   C. 223
   D. 300

10. Express 0.00509, correct to 2 significant figures.
    A. 0.005
    B. 0.0051
    C. 0.051
    D. 0.05

11. Express 5176.3427, correct to two decimal places
    A. 5176.00
    B. 5176.30
    C. 5176.34
    D. 5176.35

12. Yaa saved Gh25. 54 every month for 8month. How much did she save?
    A. Gh¢204. 32
    B. GH¢205.32
    C. Gh¢206. 32
    D. Gh¢204. 22

13. Simplify 19 + 7.6 + 0.591
    A. 2.7191
    B. 27.191
    C. 271.91
    D. 271.91

14. Evaluate $\frac{4}{5} - \frac{1}{3}$

A. $\frac{1}{15}$

(B.) $\frac{7}{15}$

C. $\frac{8}{15}$

D. $\frac{3}{5}$

15. Correct 48,947.2547 to the nearest hundred

A. 490

B. 48,900

C. 48, 950

D. 49, 000

16. Evaluate $\frac{0.00492}{0.041}$

A. 0.012

(B.) 0.12

C. 1.2

D. 12.0

17. Which of the following arranged in ascending order?

A. -25, -64, 4, 17

B. -64, -25, 4, 17

C. -64, -25, 17, 4

D. 17, 4, -25, -64

18. How many faces has a cube?

A. 12

B. 8

(C.) 6

D. 4

19. Find the number that can be added to 261 to make the sum divisible by 16

(A.) 11

B. 8

C. 3

D. 2

20. Subtract 37.09 from 200

A. 3509

B. 162.81

C. 163.91

(D.) 162.91

21. Find the value of n, if
$$25.003 = (2 \times 10) + (5 \times 1) + (3 \times n)$$

(A.) 0.001

B. 0.011

C. 0.01

D. 0.1

22. Divide 32.6 by 0.9, leaving the answer in 2 decimal place

A. 37.22

B. 36.23

(C.) 36.22

D. 36.20

23. Find the place value of 2 in 7,002,845

A. 200

(B.) 2000

C. 20 000

D. 2

24. Write 7,321 in its expanded form

A. 700+3000+20+1

(B.) 7,000+300+20+1

C. 7,000+3,000+200+1

D. 7,000+300+200+1

25. Write two hundred thousand and two in figures

A. 20,002

(B.) 200,002

C. 2002

D. 200,020

26. A set of whole number starts from

(A.) 0

(B.) 1

C. -1

D. 2

27. One of the following is a set of multiples of 4 less than 20

A. {1,2,4}

B. {2,4,6,8}

C. {4,8}

(D.) {4,8,12,16}

28. Write the numeral, 2504 in words
    A. Two thousand five hundred and four
    B. Two million five hundred and four
    C. Two thousand and fifty four
    D. Two million and fifty four

29. The square root of $\frac{4}{25}$ is...........
    A. $\frac{3}{50}$
    B. $\frac{1}{5}$
    C. $\frac{2}{5}$
    D. ½

30. Find the difference between 200 and 19.7
    A. 181.3
    B. 180.3
    C. 191.3
    D. 182.3

31. Find the product of 24.5 and 100
    A. 245
    B. 2450
    C. 24500
    D. 245000

32. What is the cost of one dozen of eggs at 80 pesewas each?
    A. Gh¢26. 00
    B. Gh¢28. 00
    C. Gh¢24. 00
    D. Gh¢9. 60

33. Find the cost of three 5kg bags of rice at Gh¢35.00
    A. Gh¢105. 00
    B. Gh¢150. 00
    C. Gh¢155. 00
    D. Gh¢175. 00

34. Increase 2507 by 964
    A. 3571
    B. 3472
    C. 3471
    D. 3481

35. Simplify $\frac{1}{2} + \frac{1}{3}$
    A. $\frac{2}{5}$
    B. $\frac{5}{6}$
    C. $\frac{3}{5}$
    D. $\frac{2}{6}$

36. Round 486.3685 to the nearest thousandths
    A. 486.360
    B. 486.369
    C. 486.378
    D. 486.368

37. What must be divided by 5 to give 35
    A. 125
    B. 165
    C. 175
    D. 185

38. How many minutes from 10:15 am to noon?
    A. 105 minutes
    B. 115 Minutes
    C. 125 minutes
    D. 145 minutes

39. Add 424, 8071 and 29
    A. 8534
    B. 8624
    C. 8424
    D. 8524

40. Evaluate $\frac{37}{100} \times \frac{7}{10}$
    A. 0.259
    B. 2.590
    C. 25.90
    D. 259.0

FIRST SEMESTER EXAMINATION
MATHEMATICS 2 - BASIC 7

Answer only four questions from this paper. All questions carry equal marks. All rough work should be done on the answer sheet and cancelled neatly afterwards.

1. a. The cost of 12 note books is Gh54.84. Find the cost of one note book.
   b. i. Find the L.C.M of 18 and 20
      ii. Simplify 391 x +642
   c. i. Subtract 74.21 from 3000
      ii. Round the ff numbers to the nearest 100

      α. 6451
      β. 7640

2. a. Some copies of a book are on a shelf 356cm long. If each book is 4cm thick, how many books can be put on the shelf?
   b. i. Find the H.C.F of $2^3 \times 3^2$ and $2^3 \times 3^4$
      ii. Find the sum of 247.4, 20.41 and 9.657 leaving your in 2 decimal place,
   c. Express $2\frac{2}{3}$ as a percentage

3. a. The area of a square board is $81cm^2$. What is its perimeter?
   b. i. Find the difference between 274,007 and the product of 950 and 1000.
      ii. Write seven million, two hundred and four in figures.
   c. A boy was sent on an earned with Gh¢15.62. On his way, Gh¢7. 02 got lost. How much was left with him?

4. a. Add the sum of 10.3 and 0.3 to their difference
   b. Divide 564 by 7 leave your answer in 3 decimal places
   c. Simplify $1\frac{2}{3} + 3\frac{1}{2}$

5. a. Evaluate 0.1125 + 1.0297 -0.0015
   b. By how much is the sum of 0.45 and 0.315 different from 0.96?
   c. Evaluate $\frac{5.6 \times 0.8}{0.04}$

6. a. Express $\left(\frac{4}{5} - \frac{3}{5}\right)$ as a percentage
   b. Write the following figures in words
      i. 92,040
      ii. 7070 707
   c. i. Find the product of 205.35 and 1000.
      ii. simplify $2\frac{1}{3} + 1\frac{3}{8}$