

Section A

1. Which of the following equation is incorrect?

- A.  $-3 + (-6) = -9$
- B.  $-10 - (-5) = -5$
- C.  $4 + (-16) = 12$
- D.  $8 - (+7) = 1$
- E.  $-9 - 8 = -17$

2.  $36 \_ 6 \_ 5 = 11$ . Find the missing arithmetic operation sign.

- A.  $+ \dots -$
- B.  $\div \dots +$
- C.  $- \dots \div$
- D.  $\div \dots \times$
- E.  $\div \dots -$

3. Which of the following statement is correct?

- A. 8 has a factor of 1,2,4 and 8
- B. 108 is multiple of 5
- C. 1 is prime number and composite number
- D. 50 has a prime factor of 2,5 and 10
- E. 75 has a prime number of  $3 \times 5^3$

4. Which of the natural number can be divided by 2,3 and 5 without a remainder?

- A. 1330
- B. 1660
- C. 1390
- D. 1940
- E. 1980

5. The smallest prime number in natural number is \_\_\_\_, the smallest even number is \_\_\_\_.

- A. 3,2
- B. 3,3
- C. 1,2
- D. 2,2
- E. 2,1

6. Simplify  $6 \div 3 \times 2 - 1$

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

7. There are how many prime number in the first 10 positive numbers, 1,2,3...10?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

8. A group of students measuring their heights in the classroom. Student A has a height of 149 cm , student B has a height of 151cm, two students have the same height of 145cm and another two students have the same height of 146cm. Fine the average height of the group.

- A. 135cm
- B. 140cm
- C. 143cm

- D. 145cm  
E. 147cm
9. Find HCF of 240 and 462  
A. 2  
B. 6  
C. 15  
D. 18  
E. 32
10. Find the LCM of 50 and 30  
A. 1500  
B. 150  
C. 100  
D. 50  
E. 10
11. The LCM of these three numbers 8,12,15 are  $2^a \times 3^b \times 5^c$ . Find the value of  $a+b+c$ .  
A. 3  
B. 4  
C. 5  
D. 6  
E. 7
12. Calculate  $(-3 + 2)^2 \div (-1)^5 =$   
A. -25  
B. -10  
C. -1  
D. 1  
E. 25
13. Find  $-(-1)^2 - (-1)^3$   
A. -2  
B. -1
- C. 0  
D. 1  
E. 2
14.  $(-1)^{99} \times (-5)^2 + (-1)^{99} \times (-5^2) =$   
A. 0  
B. 1  
C. 2  
D. 3  
E. 4
15. Which of the following number is both prime and odd number?  
A. 1  
B. 37  
C. 55  
D. 57  
E. 99
16. Which of the following is incorrect?  
A.  $12 < 20$   
B.  $-15 > -27$   
C.  $-10 < 8$   
D.  $-\frac{1}{5} > -\frac{1}{4}$   
E.  $3.2 < -6.4$
17. An aeroplane fly with speed of 500km per hour. It travels 4500km in the first day, and 3000km in the second day. What is the difference in the travelling time in both day?  
A. 1 hour  
B. 2 hour 30 minutes  
C. 3 hour  
D. 4 hour 30 minutes  
E. 6 hour

Math Revision (Form 1)

18. Find the remainder for  $8500 \div 700$

- A. 1
- B. 10
- C. 100
- D. 1000
- E. 10000

19.  $1 - 1 \times (0 \div 1) + 1 \div 1 = ?$

- A. -2
- B. -1
- C. 0
- D. 1
- E. 2

20.  $[290 - (94 + 5 - 94 + 5)] \div 40 =$

- A. 3
- B. 4
- C. 5
- D. 6
- E. 7

Section B

1. Fill up the bracket with  $>$  or  $<$

- a.  $12 [ \quad ] -25$
- b.  $-0.07 [ \quad ] 0.6$
- c.  $\frac{2}{5} [ \quad ] \frac{3}{10}$
- d.  $-7 [ \quad ] -19$

2. Calculate the following

- a.  $165 \div 15 + 9 - 3 \times 4 =$
- b.  $53 \times 49 + 106 + 49 \times 53 =$
- c.  $[5 \times (5 + 6)] - 10 =$
- d.  $(-1)^2 + (-1)^3 - (-1)^4 + (-1)^5 =$

e.  $\{-3^2 - [(-2^2) - (3^0 + 3)]\} \times (-2) =$

3. Find

- a. Even number which less than 20, but more than 10
- b. First five prime number in natural number
- c. Factors of 36
- d. Prime factors of 42
- e. Multiple of 4 which less than 20

4. Find LCM and HCF of

- a. 24, 40, 64
- b.  $3 \times 5^2, 2 \times 3^2 \times 5$

5. Find prime factors of (answer in indices)

- a. 72
- b. 128

6. Distance between AB is 500km. If a car travel 55km/h from A towards B and another car travel 45km/h travel from B to A. Two cars traveling toward each other at different speeds, how long does it take for the two cars to meet?

7. The agricultural experiment team has two wheat test groups. Area of Field A about  $24m^2$ , each  $m^2$  produce 401kg of wheat, Area of Field B about  $16m^2$ , each  $m^2$  produce 320kg of wheat, what is the average wheat production for both fields?