



Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Primary 6 Math Exam Questions ( set 1 )

Answer **all** questions. Total 50 marks (2 marks each).

1. What is the value of  $18 \div 600$ ?

- (1) 0.03
- (2) 0.3
- (3) 3
- (4) 30

(    )

2. A car travels 90 km in 3 hours. What is its average speed?

- (1) 30 km/h
- (2) 45 km/h
- (3) 60 km/h
- (4) 90 km/h

(    )

3. How many halves are there in  $3\frac{1}{2}$ ?

- (1) 6
- (2) 7
- (3) 8
- (4) 9

(    )



4. A train leaves Chinese Garden Station at 7:10 AM, another at 7:30 AM, and the last one at 7:50 AM. The train takes 20 minutes to reach Jurong Station. If Sarah needs to reach Jurong Station by 8:00 AM, which train should she take?
- (1) The 7:10 AM train
  - (2) The 7:30 AM train
  - (3) The 7:50 AM train
  - (4) None ( )
5. Which letter contains only perpendicular lines?
- (1) T
  - (2) L
  - (3) X
  - (4) E ( )
6. A bag costs \$240. If sold at a 20% discount, what is the final price?
- (1) \$192
  - (2) \$200
  - (3) \$220
  - (4) \$240 ( )
7. A man turns  $180^\circ$  clockwise from facing east. What direction is he facing now?
- (1) North
  - (2) West
  - (3) South
  - (4) East ( )



8. A pie chart shows  $\frac{1}{3}$  of the books are science books. If there are 90 books, how many are not science books?
- (1) 30  
 (2) 60  
 (3) 70  
 (4) 80 ( )
9. A rectangle has a length of 12 cm and breadth of 6 cm. What is its area?
- (1) 18 cm<sup>2</sup>  
 (2) 36 cm<sup>2</sup>  
 (3) 72 cm<sup>2</sup>  
 (4) 120 cm<sup>2</sup> ( )
10. How many angles of 90° are there in a square?
- (1) 2  
 (2) 3  
 (3) 4  
 (4) 6 ( )
11. The cost of a pencil is \$2. How much will 15 pencils cost?
- (1) \$25  
 (2) \$30  
 (3) \$35  
 (4) \$40 ( )
12. A water tank holds 250 liters. How many liters remain if it is  $\frac{3}{5}$  full?
- (1) 100 liters  
 (2) 125 liters  
 (3) 150 liters  
 (4) 175 liters ( )



13. A triangle has angles of  $60^\circ$ ,  $60^\circ$ , and  $60^\circ$ . What type of triangle is this?

- (1) Right-angled
- (2) Isosceles
- (3) Equilateral
- (4) Scalene (    )

14. A car's fuel efficiency is 15 km per liter. How far can it travel on 20 liters?

- (1) 200 km
- (2) 300 km
- (3) 250 km
- (4) 280 km (    )

15. A box contains 10 red balls and 15 blue balls. What is the ratio of red balls to total balls?

- (1) 1:2
- (2) 2:3
- (3) 2:5
- (4) 3:5 (    )

16. A student spends 2 hours studying every day. How many hours does he study in 15 days?

- (1) 15 hours
- (2) 30 hours
- (3) 45 hours
- (4) 60 hours (    )

17. A clock shows 3:15. How many degrees is the minute hand from 12?

- (1)  $45^\circ$
- (2)  $90^\circ$
- (3)  $180^\circ$
- (4)  $270^\circ$  (    )



18. A pie chart represents  $\frac{1}{4}$  of the data as green. If there are 40 items in total, how many are green?

- (1) 5
- (2) 10
- (3) 20
- (4) 40 (    )

19. A train covers 300 km in 5 hours. What is its average speed?

- (1) 50 km/h
- (2) 60 km/h
- (3) 70 km/h
- (4) 80 km/h (    )

20. Which shape has all sides equal and all angles  $90^\circ$ ?

- (1) Rectangle
- (2) Square
- (3) Rhombus
- (4) Parallelogram (    )

21. A student scores 70, 80, and 90 in three tests. What is the average score?

- (1) 75
- (2) 80
- (3) 85
- (4) 90 (    )

22. A cube has a side length of 5 cm. What is its volume?

- (1)  $25 \text{ cm}^3$
- (2)  $75 \text{ cm}^3$
- (3)  $100 \text{ cm}^3$
- (4)  $125 \text{ cm}^3$  (    )



23. A book costs \$15. How many books can you buy with \$75?

- (1) 3
- (2) 4
- (3) 5
- (4) 6

( )

24. What is the perimeter of an equilateral triangle with a side length of 8 cm?

- (1) 16 cm
- (2) 24 cm
- (3) 32 cm
- (4) 40 cm

( )

25. The cost of a shirt is \$30. If the price increases by 20%, what is the new price?

- (1) \$35
- (2) \$36
- (3) \$40
- (4) \$45

( )