

S.1 Mathematics Summer Exercise Quiz
(Quiz Date: 19th September 2025)

Form : S.1
Time Allowed : 30 mins
Full Marks : 23

Name : _____
Class : 1 ()

Marks : _____ / 23

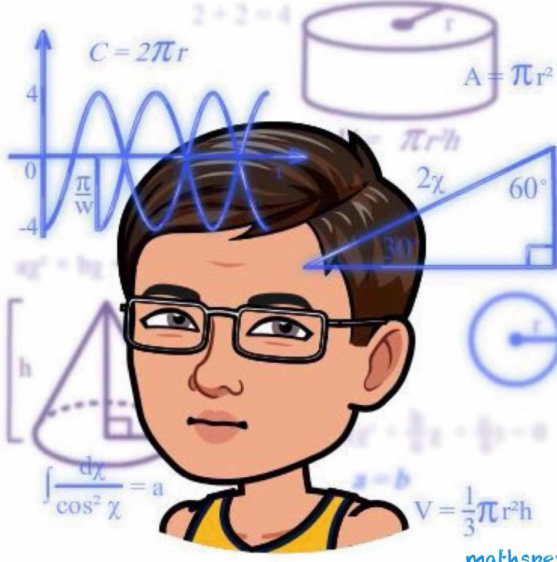

Parent's Signature :

Instructions:

1. Each question carries one mark.
2. You should mark only **ONE** answer for each question. If you mark more than one answer, you will receive **NO MARKS** for that question.
3. No marks will be deducted for wrong answers.
4. The diagrams in this paper are **NOT** necessarily drawn to scale.

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mathspercyyeung



$C = 2\pi r$

$A = \pi r^2$

$\pi r h$

2χ

60°

χ

$V = \frac{1}{3}\pi r^2 h$

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1. Which of the following is a prime number?

A. 85

B. 91

C. 97

D. 100

2. $[10 - (3 + 4 \times 2) + 10 \div 2] \times 2 =$

A. 0

B. 2

C. 16

D. 8

3. Which of the following is a least common multiple of 12 and 18?

A. 36

B. 24

C. 18

D. 54

4. Which of the following fractions are arranged in descending order?

A. $\frac{5}{6}, \frac{7}{8}, \frac{8}{9}$

B. $\frac{1}{4}, \frac{1}{3}, \frac{1}{2}$

C. $\frac{3}{5}, \frac{3}{6}, \frac{3}{7}$

D. $\frac{8}{9}, \frac{4}{5}, \frac{6}{7}$

5. $0.5 \times \left(\frac{35}{5} - 3 \times 2 \right) \div 2 =$

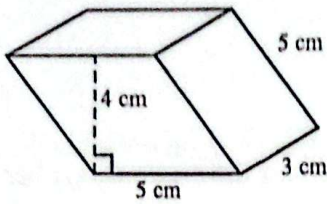
A. 1

B. 0.25

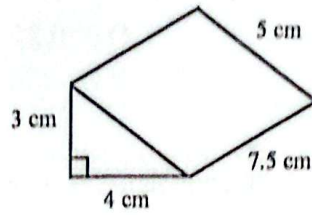
C. 2

D. 0.5

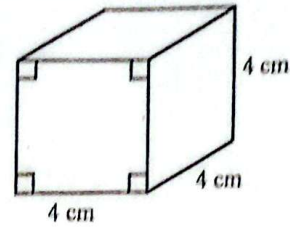
11. The figure shows right prisms A , B and C and their volume are $a \text{ cm}^3$, $b \text{ cm}^3$ and $c \text{ cm}^3$ respectively.



Right prism A



Right prism B



Right prism C

Which of the following is correct?

- A. $c > a > b$
 B. $a > b > c$
 C. $b > a > c$
 D. $a > c > b$
12. Express 'Subtract y from 6, and then multiply the result by the sum of x and 5' by an algebraic expression.
- A. $(y - 6)(x + 5)$
 B. $6(x + 5) - y$
 C. $(6 - y)(x + 5)$
 D. $y - 6(x + 5)$
13. If the average of 4, 10, y , and 6 is 7, what is the value of y ?
- A. 8
 B. 9
 C. 10
 D. 7
14. The sum of all prime numbers from 30 to 40 is:
- A. 58
 B. 60
 C. 68
 D. 75
15. The H.C.F. of 48 and 60 is:
- A. 24
 B. 12
 C. 6
 D. 18

16. $3.5 + 0.75 \div 5 =$
- A. 3.55
B. 3.65
C. 3.75
D. 0.85
17. After Sarah eats 40% of a box of chocolates, 90 chocolates remain. What was the original number of chocolates?
- A. 36
B. 54
C. 225
D. 150
18. A rectangular field has a length of 50 m and a width of 20 m. If Mark walks around it twice, how far does he walk?
- A. 280 m
B. 300 m
C. 400 m
D. 500 m
19. The dimensions of a rectangular tank are 4 m, 3 m, and 2 m. If it is filled halfway, what is the volume of water in the tank?
- A. 8 m^3
B. 6 m^3
C. 12 m^3
D. 24 m^3
20. Which of the following numbers are arranged in descending order?
- A. -6, -7, -8, -13
B. -18, -16, -14, -12
C. +8, +7, -6, -5
D. +11, +14, -14, -11
21. Find the area of a triangle with a base of 10 cm and a height of 5 cm.
- A. 30 cm^2
B. 25 cm^2
C. 20 cm^2
D. 50 cm^2

22. $(+4) + (-5) - (-6) =$

A. 15.

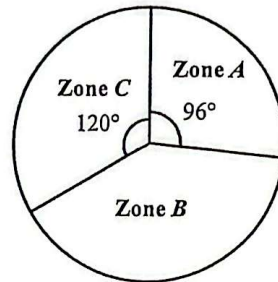
B. 3.

C. 5.

D. -7.

23. The following pie chart shows the distribution of the numbers of seats in different zones in a theatre.

Numbers of seats in different zones in a theatre



It is known that there are 720 seats in Zone B. Find the difference in the number of seats between Zone A and Zone C.

A. 1800

B. 480

C. 1080

D. 120

End of Paper