

Paper: MathsTotal Marks: 48Month Test: November

Obt. Marks: _____

Theme/Unit: 7 to 12Grand Total: 100

Objective: _____ ID: _____

Time: _____

Name: _____ class: 7th

Section: _____

**Q. No. 1: Encircle the correct option: /24 *2=48**

1. The degree of the polynomial " $x^4 - 16$ " is:
 - a. 4
 - b. 3
 - c. 2
 - d. 1
2. If an algebraic expression has three terms, is called _____.
 - a. Monomial
 - b. Binomial
 - c. Trinomial
 - d. None
3. Sum of the polynomial " $2x + 3y + 7z$ " and " $4x + 2z$ " is _____.
 - a. $3x + 6y + 9z$
 - b. $9x + 6y + 9z$
 - c. $6x + 3y + 9z$
 - d. $3x + 3y + 9z$
4. Tell $(-x^2)^{100} =$ _____.
 - a. X
 - b. X^{100}
 - c. $-x^{200}$
 - d. x^{200}
5. $a^2 + 2ab + b^2 =$ _____.
 - a. $a^2 + b^2$
 - b. $a^2 - b^2$
 - c. $(a + b)^2$
 - d. $(a - b)^2$
6. In linear equation the degree of polynomial is _____.
 - a. One
 - b. Two
 - c. Three
 - d. Four
7. Tell the value of x if " $x - 6 = 10$ "
 - a. 20
 - b. 16
 - c. 4
 - d. 26
8. If $3x = 15$, $x =$ _____.
 - a. 4
 - b. 8
 - c. 5
 - d. 3
9. The angle of straight line is equal to "_____"
 - a. 90°
 - b. 180°
 - c. 360°
 - d. 0°
10. The symbol _____ is used to indicate the "congruent to".
 - a. =
 - b. \approx
 - c. \cong
 - d. Δ
11. The region enclosed by an arc is known as _____.
 - a. Arc
 - b. Chord
 - c. Circle
 - d. Segment
12. A semicircle is _____ of the circle.
 - a. Half
 - b. Full
 - c. Double
 - d. None
13. If two sides of a triangle are equal in length it called.
 - a. Equivalent triangle
 - b. Parallelogram
 - c. Isosceles triangle
 - d. Quadrilateral
14. The sum of measurement of angles of quadrilateral is _____.
 - a. 180°
 - b. 360°
 - c. 90°
 - d. 70°
15. Circumference of a circle = C =
 - a. $2\pi r$
 - b. πr^2
 - c. $2r$
 - d. $2\pi rh$
16. The value of π is _____ -
 - a. $22/7$
 - b. 3.14
 - c. Both a & b
 - d. None
17. $1 \text{ m}^3 =$ | _____.
 - a. 10
 - b. 100
 - c. 1000
 - d. 10000
18. Volume of cylinder is _____.
 - a. πr^2
 - b. $\pi r^2 h$
 - c. $2\pi rh$
 - d. πrh

19. Arrangement of data in ascending or descending order is called _____.
- a. Array
b. Data
c. Frequency
d. Class
20. In the class "50 -59" the lower-class limit is _____
- a. 59
b. 50
c. 10
d. None
21. The pie graph is introduced in _____
- a. 1801
b. 1901
c. 1863
d. 1963
22. Pie graph is known as _____
- a. Circle
b. Pie chart
c. Frequency
d. Pie
23. $a^2 - b^2$
- a. $a^2 + b^2$
b. $(a + b)^2$
c. $(a - b)^2$
d. $(a + b)(a - b)$
24. One table cost Rs. 400. Find total cost of 5 table.
- a. Rs. 2000
b. Rs. 400
c. Rs. 4000

Paper: MathsMonth Test: NovemberTheme/Unit: 7 to 12

Subjective: _____

Name: _____



ID: _____

class: 7thTotal Marks: 52

Obt. Marks: _____

Grand Total: 100

Time: _____

Section: _____

d. Rs. 200

e. Q. No. 1: find the sum of polynomials:**/5**f. $4l^2 + 3lm + 4mn, l^2 - m^2, 5lm + 6mn + 8m^2$

g. _____

h. Q. No. 2: Find the product of polynomials:**/4**i. $(a + b), (a^3 - b^3)$

j. _____

k. **Q. No. 3: If $x - \frac{1}{x} = 9$, find $x^4 + \frac{1}{x^4}$ by using formula.** /8

l.

m. **Q. No. 4: Factorize the expression:** /4

n. $x^2 - 8x + 4x - 32$

o.

p. **Q. No. 5: Solve the linear equation:** /5

q. $\frac{x}{x+3} = \frac{1}{9}$

r.

w. **Q. No. 8: the diameter of a coin is 2cm. find the circumference of circle. /5**

x. _____

y. **Q. No. 9: A circular cylinder whose radius is 8cm and height is 42cm. find the surface area of cylinder. /5**

z. _____

aa. **Q. No. 10: Draw Pie chart of table. /5**

Activities	Time (hours)
Reciting Quran	2
School	6
Meal	1
Play	2
Study	4
Using computer	1
Sleep	8

bb.