TEST NO. 6

Syllabus: (Ch# 5 to 9, 14 to 17)(2nd Half book)

MATHEMATICS (SCIENCE) -2020- (9TH CLASS) PAPER: II (OBJECTIVE TYPE)
TIME ALLOWED: 15 Min Marks: 15

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct fill that circle in front of that question with marker or Pen ink in the answer-book. Cutting or filling two or more circle will result in zero mark in that question.

1.1. What will be added to complete the square of $9a^2 - 12ab$?
(A) $4b^2$ (B) $16a^2$ (C) $-16b^2$ (D) $-4b^2$

2. H.C.C of $(x-2)$ and (x^2+x-6) is.
(A) x2 + x-6 (B) x +3 (C) x-2 (D) x+2

3. H.C.F of (x^2-5x+6) and (x^2-x-6) is.
(A) x+2 (B) x-3 (C) x^2-4 (D) x-2

4. L.C.M of a^2+b^2 and a^4-b^4 is.
(A) a^2+b^2 (B) a^2-b^2 (C) a-b (D) a^4-b^4

5. What should be added to complete the square of x^4+64.
(A) $8x^2$ (B) $-8x^2$ (C) $16x^2$ (D) $4x^2$

6. The S.S. of $|x-4|=-4$ *is*.
(A) -8 (B) -16 (C) 8 (D) Blank

7. Which of the following is the solution of the inequality? $3-4x \leq 11$.
(A) -8 (B) -2 (C) -14/4 (D) None

8. If $y = 2x + 1$ and for $x = 2$ then y is equal to.
(A) 2 (B) 3 (C) 4 (D) 5

9. A tringle having two sides congruent is called.
(A) Scalene (B) Right angled (C(Isoseeles (D) Equilatcral

10. Distance between points (0,0) and (1,1) is.
(A) 0 (B) $\sqrt{2}$ (C) 1 (D) 2

11. Mild point of the points (2,2) and (0,0) is.
(A) (1,1) (B) (1,0) (C) (0,1) (D) (-1,-1)

12. Mild point of the points (2,-2) and (-2,2) is.
(A) (2,2) (B) (-2,2) (C) (0,0) (D) (1,1)

13. A triangle having all sides equal is called.
(A) Isosceles (B) Equilateral (C) a and b (D) None of these

14. Factors of 3x2 – x -2 are…….
(A) (x-1) , (3x -2) (B) (x+1)(3x+2) (C) (x-1),(3x-2) (D) (x-1),(3x+2)

15. H.C.F of $p^3q = pq^3$ and $p^5q^3 - p^2q^5$ is.
(A) $pq(p^3-q^3)$ (B) $p^2q^2(p-q)$ (C) pq (p-q) (D) pq (p^2-q^2)

	A B C D		A B C D		A B C D		A B C D		A B C D
1	● B C D	4	A B C ●	7	A ● C D	10	A ● C D	13	A ● C D
2	A B ● D	5	A B ● D	8	A B C ●	11	● B C D	14	A B C ●
3	A ● C D	6	A B C ●	9	A B ● D	12	A B ● D	15	A B ● D

نوٹ: معروضی سوال نامے کو توجہ سے پڑھیں اور ہر MCQ کی درست آپشن A,B,C,D کو پین کی سیاہی یا مار کر سے اس طرح پُر کریں کہ سیاہی دائرے سے باہر نہ نکلے۔ ایک سے زیادہ دائروں کو پُر کرنے یا کاٹ کر پُر کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔