

TEST-2
Syllabus:

(Ch# 2,4,7,2,11,(SQ) 12(Theorem #-4,5,6) Define Ch. 2,4,11,12)

MATHEMATICS (SCIENCE)
TIME ALLOWED: 20 Min

-2020 (9TH CLASS) PAPER: II (OBJETIVE TYPE)
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. Write $4\frac{2}{3}$ with radical sign.
(A) $\sqrt[3]{4^2}$ (B) $\sqrt{4^2}$ (C) $\sqrt[2]{4^3}$ (D) $\sqrt{4^6}$
2. Imaginary part of $-i(3i + 2)$ is.
(A) -2 (B) 2 (C) 3 (D) -3
3. $\left(\frac{25}{16}\right)^{-1/2} =$ _____
(A) $\frac{5}{4}$ (B) $+\frac{4}{5}$ (C) $-\frac{5}{4}$ (D) $-\frac{4}{5}$
4. $(27x^{-1})^{-i^{2/3}}i =$ _____
(A) $\frac{\sqrt[2]{x^2}}{9}$ (B) $\frac{\sqrt{x^2}}{9}$ (C) $\frac{\sqrt[2]{x^2}}{8}$ (D) $\frac{\sqrt{x^3}}{8}$
5. If $\sqrt[3]{35}$ the radicand is _____
(A) 3 (B) 1/3 (C) 35 (D) None
6. $4x + 3y - 2$ is an algebraic _____
(A) Sentence (B) Expression (C) Equation (D) In Equation
7. The degree of polynomial $4x^4 + 2x^2y$ is:
(A) 1 (B) 2 (C) 3 (D) 4
8. $(3 + \sqrt{2})(3 - \sqrt{2})$ is equal to.
(A) 7 (B) -7 (C) -1 (D) 1
9. Conjugate of surd $a + \sqrt{b}$ is.
(A) $-a + \sqrt{b}$ (B) $a - \sqrt{b}$ (C) $\sqrt{a} - \sqrt{b}$ (D) $\sqrt{a} + \sqrt{b}$
10. $\frac{1}{a-b} - \frac{1}{a+b}$ is equal to.
(A) $\frac{2a}{a^2 - b^2}$ (B) $\frac{2b}{a^2 - b^2}$ (C) $\frac{-2b}{a^2 - b^2}$ (D) $\frac{-2a}{a^2 - b^2}$
11. $\frac{a^2 - b^2}{a+b}$ is equal to.
(A) $(a - b)$ (B) $(a + b)$ (C) $(a + b)^2$ (D) $(a - b)^2$
12. $(\sqrt{a} + \sqrt{b})(\sqrt{a} - \sqrt{b})$ is equal to.
(A) $a^2 - b^2$ (B) $a^2 + b^2$ (C) $a + b$ (D) $a - b$
13. In a parallelogram opposite sides are.
(A) Opposite direction (B) Un-Parallel (C) Parallel/congruent (D) None of these
14. In parallelogram opposite angles are opposite angles are.
(A) Congruent (B) Parallel (C) concurrent (D) None of these
15. Medians of the triangle are.
(A) parallel (B) Opposite (C) Concurrent (D) Unparallel

A B C D

A B C D

A B C D

A B C D

A B C D

1	<input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	4	<input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	7	<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D	10	<input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D	13	<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D
2	<input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	5	<input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D	8	<input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	11	<input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	14	<input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
3	<input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D	6	<input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D	9	<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D	12	<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D	15	<input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D

نوٹ: معروضی سوال نامے کو توہ سے پرہیز اور ہر MCQ کی درست آپشن A, B, C, D کو پین کی سیاہی یا مارکر 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۔