

Time Allowed : 2½ hours

Max. Marks : 80

General Instructions :

Attempt all questions from Section A and any four questions from Section B.
All working, including rough work, must be clearly shown, and must be done on the same sheet as the rest of the answer.

Omission of essential working will result in loss of marks.

The intended marks for questions or parts of questions are given in brackets [].
Mathematical tables are provided.

SECTION - A (40 Marks)

(Attempt all questions from this Section)

Question 1 : Choose the correct answers to the questions from the given options:

[15]

- (i) A consumer bought a T.V. from a dealer at a discount of 20% on the marked price of ₹40,000. If the rate of GST is 18%, then the tax paid by the consumer is :
(a) ₹5760 (b) ₹2880 (c) nil (d) ₹7200
- (ii) The discriminant of $2x^2 - 5x + 1 = 0$ is :
(a) 25 (b) 33 (c) 17 (d) 15
- (iii) If $(x - 2)$ is a factor of $x^2 + ax + 10$, then the value of a is :
(a) 7 (b) -7 (c) 4 (d) -5
- (iv) The order of the matrix $\begin{bmatrix} 7 \\ 5 \\ -6 \end{bmatrix}$ is :
(a) 1×3 (b) 3×1 (c) 3×0 (d) 1×1
- (v) The n th term of the AP 15, 10, 5, ... is :
(a) $5n - 20$ (b) $20 - 5n$ (c) $20 + 5n$ (d) $10 + 5n$
- (vi) The reflection of the point $P(1, -2)$ in the line $y = -1$ is :
(a) $(-3, -2)$ (b) $(1, -4)$ (c) $(1, 4)$ (d) $(1, 0)$
- (vii) In the figure, $AB \parallel PQ$, $CQ = 6$ cm, $CB = 14$ cm and $AB = 7$ cm. The length of PQ is :
(a) 3 cm
(b) 3.5 cm
(c) 4 cm
(d) 4.2 cm
- (viii) If $P(A)$ and $P(\text{not } A)$ are complementary events and $P(A) = 0.15$, then $P(\text{not } A) = ?$
(a) 0.35 (b) 0.85 (c) 0.3 (d) cannot be determined
- (ix) If $25 - 4x \leq 16$, then, the smallest value of x , when $x \in \mathbb{R}$ is :
(a) 2.25 (b) 2.5 (c) 3.5 (d) 3
- (x) The total surface area of the adjoining figure is:
(a) 880 cm^2 (b) 110 cm^2
(c) 440 cm^2 (d) 210 cm^2



2012 Grade 2 Ana Maths Paper

D Kirk



2012 Grade 2 Ana Maths Paper:

2012 Grade 2 Ana Maths Paper Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has are more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**2012 Grade 2 Ana Maths Paper**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound affect our existence. Throughout this critique, we shall delve in to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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