Q.B. Sl. No. 373954

# POLYCET - 2014

Hall Ticket Signature of Number the Candidate Time: 2 Hours Total Marks: 120

Note: Before answering the questions, read carefully the instructions given on the OMR sheet. ప్రశ్నలకు ఆవాయలు వ్రాయులకు ముందు OMR ఆవాలు వ్యవమలో ఇవ్వలడిన సూచనలను జాగ్రత్త<mark>లో చదవంక</mark>ి

#### SECTION - I : MATHEMATICS

- In a triangle ABC,  $\angle A = 90^\circ$ ,  $\overline{AD} \perp \overline{BC}$ , if  $AC = 10\sqrt{3}$ , BD = 5; DC = x, then the value of x is 1. ABC (But in which  $\angle A = 90^{\circ}$ ,  $AD \perp BC$ ,  $AC = 10\sqrt{3}$ , BD = 5)  $AC = 10\sqrt{3}$ 
  - (1) 15

(2)10

20 (3)

- If (1,2), (-1,4) and (7,-k) are collinear, then k=2. (1, 2), (-1, 4) మరియు (7, -k) లు నరిభియాలయితే k విమన
  - (1) 1

- The slope of the line which makes  $\frac{3\pi}{4}$  with the  $\Rightarrow$  e direction of x axis is 3.

3# 6 man 8 5000 pres = x - සජනාවේ රන එරෙව්

(1) 1

(2)

(4) 3

- The nature of the lines 7x + 5y + p = 0 and 5x 7y + 6 0 is 4. 7x + 5y + 6 = 0 2000 5x - 7y + 6 = 0 dues
  - (1)parallel. ಸಮಾಂತರಾಯ

- (2)concurrent
  - ಮಾಲಿಕ ರೋಬ

(3)perpendicular ( DOD BOOM

(4)None

25 exa.

SPACE FOR ROUGH WORK / చిత్రవనికి కేటాయించబడిన నలము

# **Polytechnic Mathematics Question Paper**

**Clifford Lane** 

**Polytechnic Mathematics Question Paper:** 

# Polytechnic Mathematics Question Paper Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has be apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Polytechnic Mathematics Question Paper**," published by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we will delve to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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