Result & Analysis

Student: AMBER JAIN Test: Level 2_Circle and Coord... Course: Self-Learning Gamifie...

Attempt 1

IP Address: 2405:201:25:d078:8cd2:986a:7d46:ddfb **Tab switches:** 1 **OS used:** Windows

Browser used: Chrome

Test Duration: 00:02:12 **Test Start Time:** Apr 17, 2022 | 11:48 PM

Test Submit Time: Apr 17, 2022 | 11:51 PM

Overall score

5 / 30

Rank: NA

Topper score: 30.00 / 30

Average score: 16.25 / 30

Least score: 0.00 / 30

Section 1

5 / 30

Rank: NA

Topper score: 30.00 / 30

Average score: 16.85 / 30

Least score: 0.00 / 30

Overall Question Status

30 / 30

Total Questions: 30

Questions Attempted: 30

Questions Correct: 5

Question Wrong: 25

Partially Correct: 0

Question Not Viewed: 0

Section 1 - Question Status

30 / 30

Total Questions: 30

Questions Attempted: 30

Questions Correct: 5

Question Wrong: 25

Partially Correct: 0

Question Not Viewed: 0

Topic wise Analysis Section 1

Question No: 21 **Multi Choice Type Question** Report Error

A point P is equidistant from A (3, 1) and B (5, 3) and its abscissa is twice its ordinate, then its co-ordinates are

(4, 2) CORRECT

(1, 2)

(2, 1)

(2, 4)

Status: Wrong **Mark obtained:** 0/1 **Hints used:** 0 **Level:** Medium
Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability
Subject: Geometry

Show solution

Question No: 22 **Multi Choice Type Question** **Report Error**

In the adjoining figure, AB, BC, CD are equal chords of a circle. If <BAC = x°, then the measure of <AED is

$180^o - 3x^2$

$2x^o$

$180^o - 2x^2$

$3x^o$ CORRECT

Status: Wrong **Mark obtained:** 0/1 **Hints used:** 0 **Level:** Medium
Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability
Subject: Geometry

Show solution

Question No: 23 **Multi Choice Type Question** **Report Error**

If each of the points $(x_1, 4)$, $(-2, y_1)$ lies on the line joining the points $(2, -1)$, $(5, -3)$, then the point P (x_1, y_1) lies on the line

- $6(x + y) + 25 = 0$
- $2x + 6y + 1 = 0$ CORRECT
- $2x + 3y - 6 = 0$
- $6(x + y) - 25 = 0$

Status: Wrong **Mark obtained:** 0/1 **Hints used:** 0 **Level:** Medium
Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability
Subject: Geometry

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Question No: 24 **Multi Choice Type Question** **Report Error**

The perimeter of the triangle whose vertices are $(-1, 4)$, $(-4, -2)$, $(3, -4)$, will be

- None of these CORRECT
- 16
- 42
- 38

Status: Wrong **Mark obtained:** 0/1 **Hints used:** 0 **Level:** Medium
Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability
Subject: Geometry

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Question No: 25 **Multi Choice Type Question** **Report Error**

Consider three concentric circles of radii a < b < c. A point A is taken on the innermost circle. Tangent at A cuts the second circle at B and C. The tangents at B and C intersect each other on third circle at D. Let the triangle BCD be equilateral. Then C =

- 3√2a
- 4a CORRECT
- 3a
- 2√3a

Status: Wrong **Mark obtained:** 0/1 **Hints used:** 0 **Level:** Medium
Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability
Subject: Geometry

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Question No: 26 **Multi Choice Type Question** **Report Error**

With the vertices of the triangle ABC as centres, three circles are made each touching the order externally. If the sides of the triangle are 4 cm, 6 cm and 8 cm respectively, then the radii of the circles respectively(in cm)

- 1, 5, 3
- 1, 3, 5
- 3, 5, 1
- 3, 1, 5 CORRECT

Status: Wrong **Mark obtained:** 0/1 **Hints used:** 0 **Level:** Medium

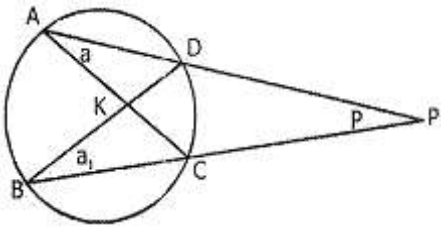
Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability

Subject: Geometry

Show solution

Question No: 27 **Multi Choice Type Question** **Report Error**

In the adjoining figure, chord AD and BC of a circle are produced to meet at P, PA = 10 cm, PB = 8 cm, PC = AC = 6 cm. Find PD.



4 cm CORRECT

6 cm

3 cm

5 cm

Status: Wrong **Mark obtained:** 0/1 **Hints used:** 0 **Level:** Medium

Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability

Subject: Geometry

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Question No: 28 **Multi Choice Type Question** **Report Error**

A (−5, 0) and B (3, 0) are two of the vertices of a triangle ABC. Its area is 20 square cms. The vertex C lies on the line x − y = 2. The coordinates of C are

(−3, −5) or (7, 5) CORRECT

(7, 5) or (3, 5)

(−7, −5) or (3, 5)

(−3, −5) or (−5, 7)

Status: Wrong **Mark obtained:** 0/1 **Hints used:** 0 **Level:** Medium
Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability
Subject: Geometry

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Question No: 29 **Multi Choice Type Question** **Report Error**

The points (-4,0),(4,0) and (0,3) are the vertices of

isosceles triangle CORRECT

scalene triangle

equilateral triangle

right triangle

Status: Wrong **Mark obtained:** 0/1 **Hints used:** 0 **Level:** Medium
Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability
Subject: Geometry

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Question No: 30 **Multi Choice Type Question** **Report Error**

Here XY has been divided into 5 congruent segments and semicircles have been drawn. But suppose XY were divided into millions of congruent segments and semicircles were drawn, what would the sum of the lengths of the arcs be ?

- None of these
- xy CORRECT
- 2yx
- 5xy

Status: Wrong **Mark obtained:** 0/1 **Hints used:** 0 **Level:** Medium
Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability
Subject: Geometry

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