



Benco

10

**SECONDARY SCHOOL ENTRANCE
EXAMINATION**

2008

PRACTICE TEST

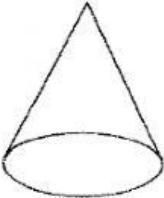
This TEST is divided into THREE SECTIONS:

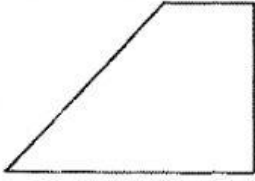
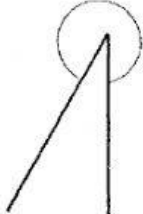
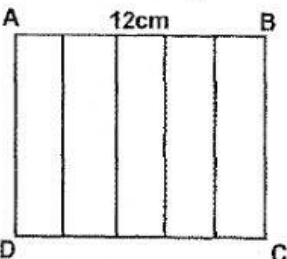
- | | | | | | |
|----|---------------|---|------------|---|----------------------------|
| 1. | English Essay | - | 30 Minutes | - | 1 Choice of Five Questions |
| 2. | Mathematics | - | 60 Minutes | - | 55 Items |
| 3. | Language Arts | - | 80 Minutes | - | 85 Items |

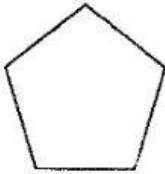
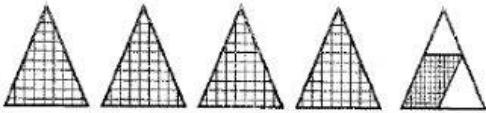
Make sure you read and understand the instructions before you start to work on any section.

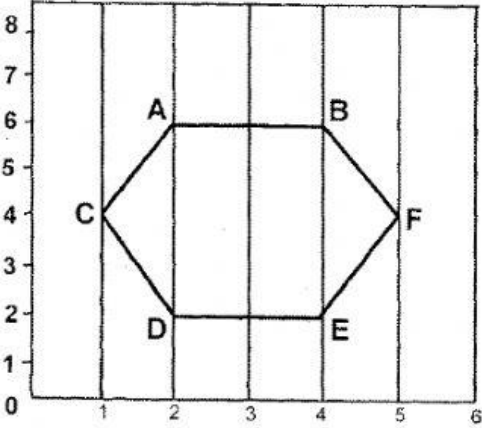
Write your answers and show all workings on the question paper.

SECTION 1



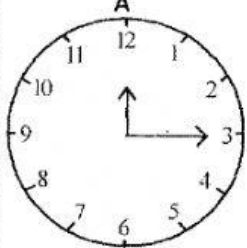
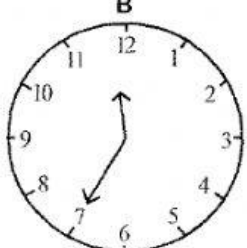
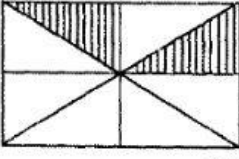
| NO. | ITEMS | SPACE FOR WORKING ONLY | DO NOT WRITE IN THIS COLUMN |
|-----|--|------------------------|--------------------------------------|
| 1. | Write ten fewer than one thousand in figures. _____ | | |
| 2. | Write 106 cents as dollars and cents. _____ | | |
| 3. | <div style="display: flex; align-items: center;">  <p>Identify the 3D shape shown. _____</p> </div> | | |
| 4. | Subtract 54 from 91. _____ | | |
| 5. | Increase 29 by 15. _____ | | |
| 6. | 2 kilometers = _____ m | | |
| 7. | What is the quotient when 64 is divided by 5? _____ | | |

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| 8. |  <p>State how many right angles there are in the shape below.</p> <p>There are _____ right angles</p> | | |
| 9. |  <p>What is the name of the angle on the figure shown?</p> <p>_____</p> | | |
| 10. | <p>The area of the rectangle below is 96cm. What is the length of the side BC?</p>  <p>BC = _____ cm.</p> | | |
| 11. | <p>Express 9501 in expanded notation.</p> <p>_____</p> | | |
| 12. | <p>Give the place value of the underlined digit in 2937.<u>4</u>61.</p> <p>_____</p> <p>Complete the statement below</p> | | |
| 13. | <p>2369 = _____ thousand + 3 hundreds + 6 tens + 9 ones.</p> | | |

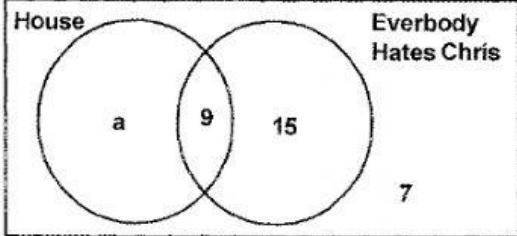
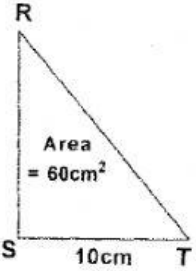
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| 14. | Add together the prime numbers between 20 and 30. _____ | | |
| 15. | How many lines of symmetry does the shape below have?  | | |
| 16. | $\frac{3}{8} + \frac{2}{8} =$ _____ | | |
| 17. | Write the mixed number for the shape below.  _____ | | |
| 18. | $2 \times 3 \times 2 \times \underline{\hspace{2cm}} = 36$ | | |
| 19. | Write the largest number that can be made from 6, 0, 9, 3. _____ | | |
| 20. | Complete the equivalent fraction. $\frac{6}{9} = \frac{\underline{\hspace{1cm}}}{27}$ | | |

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|---|---|------------------------|-----------------------------|
| 21. | 0.5 of my money got lost. I had \$75.00. How much money do I now have? _____ | | |
| 22. | From 8 take 0.34 _____ | | |
| 23. | Multiply 12.3 by 1.2 _____ | | |
| 24. | Divide 125 by 0.25 _____ | | |
| Use the diagram below to answer question 25 and 26. | | | |
|  | | | |
| 25. | What are the coordinates of A? _____ | | |
| 26. | The point _____ is found at coordinate (4, 6). | | |

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| | Andre got 85% on a test. Use this information in answering questions 27 and 28. | | |
| 27. | 17% of Andre's sums were correctly done. How many items were there on the test? _____ items | | |
| 28. | Ingrid did poorly on the test and got 30%. How many sums did she get right? _____ sums | | |
| 29. | Mrs. Franklin bought a television for \$750.00 and was given a 20% discount. How much does she pay for the television? \$ _____ | | |
| 30. | Write 160% as a decimal. _____ | | |
| 31. | Fabian had a rope 30cm long. He used it to make a rectangle with a length of 10cm. What is the width of the rectangle which he made? _____ cm | | |
| 32. | The sum of two consecutive number is 61. What are the two numbers? _____ | | |

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| 33. | <p>Observe the diagrams below and use them to answer question 33.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>M</p>  <p>1/4 L</p> </div> <div style="text-align: center;"> <p>N</p>  <p>5 1/2 L</p> </div> </div> <p>How many containers of M are needed to fill container N?</p> <p>_____ of container M.</p> | | |
| 34. | <p>A cricket match started at 11:30 a.m. and was stopped abruptly at 1:15 p.m. because of heavy rain. How long did this match last?</p> <p>_____</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>A</p>  </div> <div style="text-align: center;"> <p>B</p>  </div> </div> | | |
| 35. | <p>Through how many degrees does the minute hand of clock A move to reach the hour at clock B?</p> <p>_____ degrees</p> | | |
| 36. | <p>The shape below is made up of triangles with the same area. The area of the shaded portion is 20m^2. What is the area of the entire figure?</p>  <p>_____ cm^2</p> | | |

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| 37. | <p>The ratio of boys to girls in a room is 4:3. There are 10 fewer girls than boys. How many children are in the room?</p> <p style="text-align: right;">_____ children</p> | | |
| 38. | <p>9:5 = _____:40</p> | | |
| 39. | <p>Sheena had \$38.00. Tamara has \$20.00. How much money should Sheena give to Tamara so that they each have the same amount?</p> <p style="text-align: right;">\$ _____</p> | | |
| 40. | <p>Find the value of K if $7K = 0.35$</p> <p style="text-align: right;">_____</p> <p>Use the information below to answer questions 41 and 42.</p> <p>Kenya and Rhea buy their groceries from their favourite vendor Mr. Proverbs.</p> | | |
| 41. | <p>Kenya bought 3kg of pumpkin at \$3.30 per kilogram and 20 apples at \$1.50 each. How much money did she spend?</p> <p style="text-align: right;">She spent \$ _____</p> | | |
| 42. | <p>With her \$100.00 bill, Rhea bought 5kg of sweet potatoes at \$4.20 per kg and 15 mangoes at \$1.25 each. How much change should she receive?</p> <p style="text-align: right;">\$ _____</p> | | |

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| 43. | <p>There are 35 pupils in a class. The Venn Diagram shows the television programs most watched by the pupils. 7 pupils watched neither programs. Use the information to answer question 43.</p>  <p>How many pupils watched the program 'House'?</p> <p>_____ watched 'House'</p> | | |
| 44. | <p>40% of a number is 30. What is 80% of the same number?</p> <p>_____</p> | | |
| 45. | <p>Kerry went for her usual walk. She left home at 5:00 a.m. walking at an average speed of 3km per hour. She returned home at 9:00 a.m. How many kilometers in all did she walk?</p> <p>_____</p> | | |
| 46. | <div style="text-align: right; border: 1px solid black; padding: 2px; display: inline-block;">SECTION 3</div>  <p>The area of the triangle is 60cm^2. The length is ST is 10cm. What is the length of RS?</p> <p>RS = _____ cm</p> | | |