Band 1 – Test 1 Answers

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| 1. |  $\frac{10}{300}$ $\frac{2}{6}$ $\frac{4}{12}$ $\frac{1}{30}$ $\frac{3}{10}$ | 1 mark for each correct answer | 2 |
| 2. |  0.03 0.036 0.36 0.603 0.63 | 1 mark lost for each incorrect answer | 2 |
| 3. | 2 : 3 | Correct answer | 1 |
| 4. |  2 - 24 | 1 mark for each correct answer | 2 |
| 5. | 5 thousand | Correct answer | 1 |
| 6. | A factor of 12 = 4 A multiple of 3 = 9 A prime number = 7 or 11 | 1 mark for each correct answer | 3 |
| 7. | 36 = 2 x 2 x 3 x 3 = 2² x 3² | 1 for one factor found1 for all factors found1 for expressed as a product | 3 |
| 8. | 42 = 16 √81 = 9 | 1 mark for each correct answer | 2 |
| 9. | 19 23 | 1 mark for each correct answer | 2 |
| 10. | A = ( 2, 4)Coordinate labelled at (4, -2) | 1 mark for each correct answer | 2 |

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| 11. |

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| **× 2, – 1** |
| **Input** | **Output** |
| 1 | 1 |
| 2 | 3 |
| 3 | 5 |
| 5 | 9 |
| 8 | 15 |

 | 1 mark for each correct answer | 3 |
| 12. | Isosceles Reflex | 1 mark for each correct answer | 2 |
| 13. | 3.7 ± 0.2 cm Angle drawn of 50º | 1 mark for each correct answer | 2 |
| 14. |  | 2 marks for all lines correct1 mark lost for 1 extra line or for 1 line missed | 2 |
| 15. | Area = 3 x 5 = 15 cm²Perimeter = 3 + 5 + 3 + 5 = 16 cm | 1 mark for each correct working1 mark for each correct answer | 4 |
| 16. | 32 | Correct answer | 1 |
| 17. | 09 302 hours and 45 minutes17 | 1 mark for each correct answer | 3 |

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| 18. |  | 2 marks for all tallies correct1 mark for all frequencies correct | 3 |
| 19. | Monday = 40 Wednesday = 50 | 1 mark for each answer for Monday and Wednesday1 mark for each row of pictogram correct | 4 |
| 20. | 9 students | 1 mark for at least 2 numbers in Venn diagram1 mark for correct answer | 2 |

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| 21. |  | 1 mark for each correct answer | 3 |
| 22. | (F , P) (F, A) (F, B)(L , P) (L, A) (L, B)(S , P) (S, A) (S, B) | 2 marks for all correct1 mark lost for 1 doubled combination or for 1 combination missed | 2 |