

**PG ASSISTANT 2017 - FINAL KEY**

**SUBJECT: 04 PHYSICS**

| <b>Keys</b> | <b>Set A</b> | <b>Set B</b> | <b>Set C</b> | <b>Set D</b> |
|-------------|--------------|--------------|--------------|--------------|
| <b>B</b>    | <b>1</b>     | <b>71</b>    | <b>16</b>    | <b>106</b>   |
| <b>B</b>    | <b>2</b>     | <b>72</b>    | <b>17</b>    | <b>107</b>   |
| <b>B</b>    | <b>3</b>     | <b>73</b>    | <b>18</b>    | <b>108</b>   |
| <b>C</b>    | <b>4</b>     | <b>74</b>    | <b>19</b>    | <b>109</b>   |
| <b>D</b>    | <b>5</b>     | <b>75</b>    | <b>20</b>    | <b>110</b>   |
| <b>B</b>    | <b>6</b>     | <b>106</b>   | <b>66</b>    | <b>81</b>    |
| <b>C</b>    | <b>7</b>     | <b>107</b>   | <b>67</b>    | <b>82</b>    |
| <b>C</b>    | <b>8</b>     | <b>108</b>   | <b>68</b>    | <b>83</b>    |
| <b>C</b>    | <b>9</b>     | <b>109</b>   | <b>69</b>    | <b>84</b>    |
| <b>B</b>    | <b>10</b>    | <b>110</b>   | <b>70</b>    | <b>85</b>    |
| <b>B</b>    | <b>11</b>    | <b>81</b>    | <b>91</b>    | <b>61</b>    |
| <b>A</b>    | <b>12</b>    | <b>82</b>    | <b>92</b>    | <b>62</b>    |
| <b>A</b>    | <b>13</b>    | <b>83</b>    | <b>93</b>    | <b>63</b>    |
| <b>D</b>    | <b>14</b>    | <b>84</b>    | <b>94</b>    | <b>64</b>    |
| <b>A</b>    | <b>15</b>    | <b>85</b>    | <b>95</b>    | <b>65</b>    |
| <b>D</b>    | <b>16</b>    | <b>96</b>    | <b>11</b>    | <b>66</b>    |
| <b>A</b>    | <b>17</b>    | <b>97</b>    | <b>12</b>    | <b>67</b>    |
| <b>C</b>    | <b>18</b>    | <b>98</b>    | <b>13</b>    | <b>68</b>    |
| <b>B</b>    | <b>19</b>    | <b>99</b>    | <b>14</b>    | <b>69</b>    |
| <b>A</b>    | <b>20</b>    | <b>100</b>   | <b>15</b>    | <b>70</b>    |
| <b>D</b>    | <b>21</b>    | <b>31</b>    | <b>36</b>    | <b>51</b>    |
| <b>D</b>    | <b>22</b>    | <b>32</b>    | <b>37</b>    | <b>52</b>    |
| <b>A</b>    | <b>23</b>    | <b>33</b>    | <b>38</b>    | <b>53</b>    |
| <b>A</b>    | <b>24</b>    | <b>34</b>    | <b>39</b>    | <b>54</b>    |
| <b>D</b>    | <b>25</b>    | <b>35</b>    | <b>40</b>    | <b>55</b>    |
| <b>B</b>    | <b>26</b>    | <b>21</b>    | <b>56</b>    | <b>41</b>    |
| <b>D</b>    | <b>27</b>    | <b>22</b>    | <b>57</b>    | <b>42</b>    |
| <b>D</b>    | <b>28</b>    | <b>23</b>    | <b>58</b>    | <b>43</b>    |
| <b>C</b>    | <b>29</b>    | <b>24</b>    | <b>59</b>    | <b>44</b>    |
| <b>C</b>    | <b>30</b>    | <b>25</b>    | <b>60</b>    | <b>45</b>    |
| <b>C</b>    | <b>31</b>    | <b>56</b>    | <b>21</b>    | <b>26</b>    |
| <b>C</b>    | <b>32</b>    | <b>57</b>    | <b>22</b>    | <b>27</b>    |
| <b>B</b>    | <b>33</b>    | <b>58</b>    | <b>23</b>    | <b>28</b>    |
| <b>B</b>    | <b>34</b>    | <b>59</b>    | <b>24</b>    | <b>29</b>    |
| <b>A</b>    | <b>35</b>    | <b>60</b>    | <b>25</b>    | <b>30</b>    |

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| <b>Keys</b> | <b>Set A</b> | <b>Set B</b> | <b>Set C</b> | <b>Set D</b> |
|-------------|--------------|--------------|--------------|--------------|
| A/D         | 36           | 46           | 26           | 56           |
| A           | 37           | 47           | 27           | 57           |
| A           | 38           | 48           | 28           | 58           |
| A           | 39           | 49           | 29           | 59           |
| C           | 40           | 50           | 30           | 60           |
| C           | 41           | 36           | 51           | 31           |
| A           | 42           | 37           | 52           | 32           |
| B           | 43           | 38           | 53           | 33           |
| D           | 44           | 39           | 54           | 34           |
| B           | 45           | 40           | 55           | 35           |
| A           | 46           | 51           | 31           | 21           |
| D           | 47           | 52           | 32           | 22           |
| A           | 48           | 53           | 33           | 23           |
| C           | 49           | 54           | 34           | 24           |
| A           | 50           | 55           | 35           | 25           |
| D           | 51           | 41           | 46           | 36           |
| A           | 52           | 42           | 47           | 37           |
| B           | 53           | 43           | 48           | 38           |
| D           | 54           | 44           | 49           | 39           |
| C           | 55           | 45           | 50           | 40           |
| D           | 56           | 26           | 41           | 46           |
| D           | 57           | 27           | 42           | 47           |
| D           | 58           | 28           | 43           | 48           |
| A           | 59           | 29           | 44           | 49           |
| D           | 60           | 30           | 45           | 50           |
| A           | 61           | 86           | 1            | 71           |
| D           | 62           | 87           | 2            | 72           |
| A           | 63           | 88           | 3            | 73           |
| B           | 64           | 89           | 4            | 74           |
| A           | 65           | 90           | 5            | 75           |
| B           | 66           | 1            | 96           | 16           |
| D           | 67           | 2            | 97           | 17           |
| D           | 68           | 3            | 98           | 18           |
| A           | 69           | 4            | 99           | 19           |
| A           | 70           | 5            | 100          | 20           |
| B           | 71           | 66           | 76           | 86           |

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| <b>Keys</b> | <b>Set A</b> | <b>Set B</b> | <b>Set C</b> | <b>Set D</b> |
|-------------|--------------|--------------|--------------|--------------|
| D           | 72           | 67           | 77           | 87           |
| B           | 73           | 68           | 78           | 88           |
| C           | 74           | 69           | 79           | 89           |
| B           | 75           | 70           | 80           | 90           |
| D           | 76           | 91           | 71           | 96           |
| B           | 77           | 92           | 72           | 97           |
| D           | 78           | 93           | 73           | 98           |
| D           | 79           | 94           | 74           | 99           |
| C           | 80           | 95           | 75           | 100          |
| D           | 81           | 61           | 101          | 91           |
| D           | 82           | 62           | 102          | 92           |
| *           | 83           | 63           | 103          | 93           |
| D           | 84           | 64           | 104          | 94           |
| B           | 85           | 65           | 105          | 95           |
| A           | 86           | 16           | 6            | 76           |
| C           | 87           | 17           | 7            | 77           |
| A           | 88           | 18           | 8            | 78           |
| C           | 89           | 19           | 9            | 79           |
| C           | 90           | 20           | 10           | 80           |
| D           | 91           | 76           | 61           | 101          |
| B           | 92           | 77           | 62           | 102          |
| C           | 93           | 78           | 63           | 103          |
| B           | 94           | 79           | 64           | 104          |
| D           | 95           | 80           | 65           | 105          |
| A           | 96           | 11           | 106          | 6            |
| C           | 97           | 12           | 107          | 7            |
| D           | 98           | 13           | 108          | 8            |
| C           | 99           | 14           | 109          | 9            |
| C           | 100          | 15           | 110          | 10           |
| C           | 101          | 6            | 81           | 11           |
| B           | 102          | 7            | 82           | 12           |
| D           | 103          | 8            | 83           | 13           |
| A           | 104          | 9            | 84           | 14           |
| A           | 105          | 10           | 85           | 15           |
| A           | 106          | 101          | 86           | 1            |
| B           | 107          | 102          | 87           | 2            |

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| <b>Keys</b> | <b>Set A</b> | <b>Set B</b> | <b>Set C</b> | <b>Set D</b> |
|-------------|--------------|--------------|--------------|--------------|
| A           | 108          | 103          | 88           | 3            |
| C           | 109          | 104          | 89           | 4            |
| D           | 110          | 105          | 90           | 5            |
| A           | 111          | 119          | 118          | 132          |
| B           | 112          | 134          | 139          | 120          |
| B           | 113          | 120          | 128          | 134          |
| C           | 114          | 140          | 134          | 128          |
| A           | 115          | 139          | 120          | 111          |
| C           | 116          | 124          | 113          | 117          |
| A           | 117          | 133          | 116          | 115          |
| B           | 118          | 121          | 136          | 123          |
| B           | 119          | 118          | 140          | 122          |
| A           | 120          | 138          | 130          | 136          |
| C           | 121          | 112          | 119          | 127          |
| A           | 122          | 115          | 129          | 114          |
| A           | 123          | 132          | 111          | 131          |
| D           | 124          | 129          | 133          | 125          |
| B           | 125          | 130          | 123          | 119          |
| A           | 126          | 131          | 115          | 138          |
| B           | 127          | 126          | 137          | 133          |
| C           | 128          | 125          | 127          | 124          |
| C           | 129          | 123          | 135          | 126          |
| A           | 130          | 111          | 117          | 118          |
| C           | 131          | 135          | 132          | 137          |
| D           | 132          | 114          | 126          | 113          |
| B           | 133          | 136          | 131          | 139          |
| B           | 134          | 116          | 121          | 130          |
| D           | 135          | 113          | 125          | 129          |
| B           | 136          | 137          | 138          | 135          |
| C           | 137          | 127          | 122          | 116          |
| C           | 138          | 117          | 124          | 112          |
| D           | 139          | 128          | 114          | 140          |
| D           | 140          | 122          | 112          | 121          |
| A           | 141          | 145          | 147          | 149          |
| B           | 142          | 144          | 148          | 150          |
| A           | 143          | 149          | 145          | 146          |

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| <b>Keys</b> | <b>Set A</b> | <b>Set B</b> | <b>Set C</b> | <b>Set D</b> |
|-------------|--------------|--------------|--------------|--------------|
| <b>D</b>    | <b>144</b>   | <b>148</b>   | <b>143</b>   | <b>147</b>   |
| <b>B</b>    | <b>145</b>   | <b>146</b>   | <b>142</b>   | <b>141</b>   |
| <b>D</b>    | <b>146</b>   | <b>142</b>   | <b>150</b>   | <b>148</b>   |
| <b>C</b>    | <b>147</b>   | <b>141</b>   | <b>146</b>   | <b>144</b>   |
| <b>C</b>    | <b>148</b>   | <b>147</b>   | <b>144</b>   | <b>143</b>   |
| <b>C</b>    | <b>149</b>   | <b>150</b>   | <b>149</b>   | <b>142</b>   |
| <b>C</b>    | <b>150</b>   | <b>143</b>   | <b>141</b>   | <b>145</b>   |