### GATE 2021 Answer Key for Biotechnology (BT)

#### Graduate Aptitude Test in Engineering (GATE 2021)

**Answer Keys and Marks for Subject/Paper: Biotechnology (BT)**

<table>
<thead>
<tr>
<th>Q. No.</th>
<th>Session</th>
<th>Question Type MCQ/MSQ/NAT</th>
<th>Section Name</th>
<th>Answer Key/Range</th>
<th>Marks</th>
<th>Negative Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>MCQ</td>
<td>GA</td>
<td>C</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>2</td>
<td>5</td>
<td>MCQ</td>
<td>GA</td>
<td>A</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>3</td>
<td>5</td>
<td>MCQ</td>
<td>GA</td>
<td>C</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>MCQ</td>
<td>GA</td>
<td>A</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>MCQ</td>
<td>GA</td>
<td>C</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>6</td>
<td>5</td>
<td>MCQ</td>
<td>GA</td>
<td>C</td>
<td>2</td>
<td>2/3</td>
</tr>
<tr>
<td>7</td>
<td>5</td>
<td>MCQ</td>
<td>GA</td>
<td>C</td>
<td>2</td>
<td>2/3</td>
</tr>
<tr>
<td>8</td>
<td>5</td>
<td>MCQ</td>
<td>GA</td>
<td>C</td>
<td>2</td>
<td>2/3</td>
</tr>
<tr>
<td>9</td>
<td>5</td>
<td>MCQ</td>
<td>GA</td>
<td>C OR D</td>
<td>2</td>
<td>2/3</td>
</tr>
<tr>
<td>10</td>
<td>5</td>
<td>MCQ</td>
<td>GA</td>
<td>D</td>
<td>2</td>
<td>2/3</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Q. No.</th>
<th>Session</th>
<th>Question Type MCQ/MSQ/NAT</th>
<th>Section Name</th>
<th>Answer Key/Range</th>
<th>Marks</th>
<th>Negative Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>D</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>2</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>A</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>3</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>B</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>A</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>D</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>6</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>B</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>7</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>C</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>8</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>B</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>9</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>A</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>10</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>D</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>Q. No.</td>
<td>Session</td>
<td>Question Type</td>
<td>Section Name</td>
<td>Answer Key/Range</td>
<td>Marks</td>
<td>Negative Marks</td>
</tr>
<tr>
<td>--------</td>
<td>---------</td>
<td>---------------</td>
<td>--------------</td>
<td>------------------</td>
<td>-------</td>
<td>----------------</td>
</tr>
<tr>
<td>11</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>B</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>12</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>B</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>13</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>A</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>14</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>A</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>15</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>C</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>D</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>17</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>B</td>
<td>1</td>
<td>1/3</td>
</tr>
<tr>
<td>18</td>
<td>5</td>
<td>MSQ</td>
<td>BT</td>
<td>A; B; C</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>19</td>
<td>5</td>
<td>MSQ</td>
<td>BT</td>
<td>A; B</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>20</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>1.5 to 1.5</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>21</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>0.16 to 0.18</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>22</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>0.10 to 0.13</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>23</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>0.25 to 0.25</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>24</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>7 to 7</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>25</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>1.60 to 1.80</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>26</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>C</td>
<td>2</td>
<td>2/3</td>
</tr>
<tr>
<td>27</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>B</td>
<td>2</td>
<td>2/3</td>
</tr>
<tr>
<td>28</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>D</td>
<td>2</td>
<td>2/3</td>
</tr>
<tr>
<td>29</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>C</td>
<td>2</td>
<td>2/3</td>
</tr>
<tr>
<td>30</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>D</td>
<td>2</td>
<td>2/3</td>
</tr>
<tr>
<td>31</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>C</td>
<td>2</td>
<td>2/3</td>
</tr>
<tr>
<td>32</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>D</td>
<td>2</td>
<td>2/3</td>
</tr>
<tr>
<td>33</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>C</td>
<td>2</td>
<td>2/3</td>
</tr>
<tr>
<td>Q. No.</td>
<td>Session</td>
<td>Question Type</td>
<td>Section Name</td>
<td>Answer Key/Range</td>
<td>Marks</td>
<td>Negative Marks</td>
</tr>
<tr>
<td>--------</td>
<td>---------</td>
<td>---------------</td>
<td>--------------</td>
<td>------------------</td>
<td>-------</td>
<td>----------------</td>
</tr>
<tr>
<td>34</td>
<td>5</td>
<td>MCQ</td>
<td>BT</td>
<td>C</td>
<td>2</td>
<td>2/3</td>
</tr>
<tr>
<td>35</td>
<td>5</td>
<td>MSQ</td>
<td>BT</td>
<td>A; B; D</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>36</td>
<td>5</td>
<td>MSQ</td>
<td>BT</td>
<td>A; B; C</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>37</td>
<td>5</td>
<td>MSQ</td>
<td>BT</td>
<td>B; C; D</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>38</td>
<td>5</td>
<td>MSQ</td>
<td>BT</td>
<td>A; B</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>39</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>315 to 315</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>40</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>4 to 4</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>41</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>0 to 0 OR 4 to 4</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>42</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>2 to 2</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>43</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>0.5 to 0.5</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>44</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>8 to 8</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>45</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>64 to 65</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>46</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>13 to 14</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>47</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>1.20 to 1.30</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>48</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>0.41 to 0.43</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>49</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>2 to 2</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>50</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>6 to 6</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>51</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>3.70 to 3.80</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>52</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>23.0 to 24.0</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>53</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>1.37 to 1.38</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>54</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>2 to 2</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>55</td>
<td>5</td>
<td>NAT</td>
<td>BT</td>
<td>1.90 to 2.00</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>