

# Chapter Wise Analysis

GATE PAPERS (Computer Science & Information Technology)

Subject	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Engineering Mathematics</b>											
1 mark Questions	3	4	5	4	6	2	3	5	5	4	5
2 marks Questions	11	11	11	6	5	7	3	2	5	6	4
<b>Total Marks</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>9</b>	<b>9</b>	<b>15</b>	<b>16</b>	<b>13</b>
<b>Theory of Computation</b>											
1 mark Questions	2	2	3	4	1	3	4	1	5	1	3
2 marks Questions	6	5	6	3	3	3	1	2	6	3	3
<b>Total Marks</b>	<b>14</b>	<b>12</b>	<b>15</b>	<b>10</b>	<b>7</b>	<b>9</b>	<b>6</b>	<b>5</b>	<b>17</b>	<b>7</b>	<b>9</b>
<b>Digital Logic</b>											
1 mark Questions	1	3	4	2	3	3	2	3	3	1	2
2 marks Questions	5	5	1	0	2	3	2	1	5	2	1
<b>Total Marks</b>	<b>11</b>	<b>13</b>	<b>6</b>	<b>2</b>	<b>7</b>	<b>9</b>	<b>6</b>	<b>5</b>	<b>13</b>	<b>5</b>	<b>4</b>
<b>Computer Organization &amp; Architecture</b>											
1 mark Questions	0	2	0	2	1	3	2	1	2	1	1
2 marks Questions	7	6	12	4	4	2	4	7	2	2	3
<b>Total Marks</b>	<b>14</b>	<b>14</b>	<b>24</b>	<b>10</b>	<b>9</b>	<b>7</b>	<b>10</b>	<b>15</b>	<b>6</b>	<b>5</b>	<b>7</b>
<b>Programming &amp; Data Structures</b>											
1 mark Questions	0	1	1	1	3	4	2	2	0	5	5
2 marks Questions	6	3	3	3	5	7	6	5	2	3	6
<b>Total Marks</b>	<b>12</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>13</b>	<b>18</b>	<b>14</b>	<b>12</b>	<b>4</b>	<b>11</b>	<b>17</b>
<b>Algorithm</b>											
1 mark Questions	8	3	2	3	1	1	4	5	1	4	1
2 marks Questions	7	12	15	6	3	0	2	3	2	4	3
<b>Total Marks</b>	<b>22</b>	<b>27</b>	<b>32</b>	<b>15</b>	<b>7</b>	<b>1</b>	<b>8</b>	<b>11</b>	<b>5</b>	<b>12</b>	<b>7</b>
<b>Compiler Design</b>											
1 mark Questions	1	1	2	1	2	1	1	2	1	2	1
2 marks Questions	5	5	2	0	1	0	3	2	2	1	1
<b>Total Marks</b>	<b>11</b>	<b>11</b>	<b>6</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>3</b>
<b>Operating System</b>											
1 mark Questions	1	2	2	2	3	3	1	1	0	2	1
2 marks Questions	8	6	5	5	2	2	3	1	2	2	5
<b>Total Marks</b>	<b>17</b>	<b>14</b>	<b>12</b>	<b>12</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>3</b>	<b>4</b>	<b>6</b>	<b>11</b>
<b>Data Bases</b>											
1 mark Questions	1	0	1	0	3	0	3	1	3	1	3
2 marks Questions	4	6	5	5	2	3	3	4	2	2	0
<b>Total Marks</b>	<b>9</b>	<b>12</b>	<b>11</b>	<b>5</b>	<b>7</b>	<b>6</b>	<b>9</b>	<b>9</b>	<b>7</b>	<b>5</b>	<b>3</b>

Subject	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Computer Networks</b>											
1 mark Questions	1	2	1	0	2	5	3	4	4	2	2
2 marks Questions	5	6	4	5	3	2	3	2	2	3	4
<b>Total Marks</b>	<b>11</b>	<b>14</b>	<b>9</b>	<b>5</b>	<b>8</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>10</b>
<b>*Software Engineering</b>											
1 mark Questions				1	0	1	0	0	1	1	
2 marks Questions				0	0	0	0	1	0	1	
<b>Total Marks</b>				<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>	
<b>*Web Technology</b>											
1 mark Questions				1	0	1	0	0	0	1	
2 marks Questions				0	0	0	0	0	0	1	
<b>Total Marks</b>				<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	
<b>Reasoning &amp; Aptitude</b>											
1 mark Questions					5	5	5	5	5	5	5
2 marks Questions					5	5	5	5	5	5	5
<b>Total Marks</b>					<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>

*\*Topics not included in GATE 2017 Syllabus.*