

# Chapter Wise Analysis

GATE PAPERS (Electronics & Communication Engineering)

Subject	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>1. Engineering Maths</b>											
1 Mark Questions	6	5	6	3	3	3	4	4	3	4	5
2 Marks Questions	8	7	6	3	5	4	7	6	4	3	4
<b>Total Marks</b>	<b>22</b>	<b>19</b>	<b>18</b>	<b>9</b>	<b>13</b>	<b>11</b>	<b>18</b>	<b>16</b>	<b>11</b>	<b>10</b>	<b>13</b>
<b>2. Network Theory</b>											
1 Mark Questions	0	2	2	2	3	2	1	3	3	3	5
2 Marks Questions	6	4	7	4	3	3	4	2	2	3	3
<b>Total Marks</b>	<b>12</b>	<b>10</b>	<b>16</b>	<b>10</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>7</b>	<b>7</b>	<b>9</b>	<b>11</b>
<b>3. Signals &amp; Systems</b>											
1 Mark Questions	3	3	2	5	3	1	2	0	4	2	1
2 Marks Questions	4	3	8	5	2	4	3	1	4	4	2
<b>Total Marks</b>	<b>11</b>	<b>9</b>	<b>18</b>	<b>15</b>	<b>7</b>	<b>9</b>	<b>8</b>	<b>2</b>	<b>12</b>	<b>10</b>	<b>5</b>
<b>4. Electronic Devices &amp; Circuits</b>											
1 Mark Questions	4	2	4	2	2	2	4	6	4	4	3
2 Marks Questions	4	9	5	3	4	4	4	4	2	3	3
<b>Total Marks</b>	<b>12</b>	<b>20</b>	<b>14</b>	<b>8</b>	<b>10</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>8</b>	<b>10</b>	<b>9</b>
<b>5. Analog Circuits</b>											
1 Mark Questions	2	2	1	0	3	3	0	1	2	2	2
2 Marks Questions	7	11	6	6	6	3	2	6	5	3	3
<b>Total Marks</b>	<b>16</b>	<b>24</b>	<b>13</b>	<b>12</b>	<b>15</b>	<b>9</b>	<b>4</b>	<b>13</b>	<b>12</b>	<b>8</b>	<b>8</b>
<b>6. Digital Circuits &amp; Microprocessor</b>											
1 Mark Questions	1	2	0	2	3	2	5	3	3	4	2
2 Marks Questions	7	10	10	6	4	3	1	3	5	4	3
<b>Total Marks</b>	<b>15</b>	<b>22</b>	<b>20</b>	<b>14</b>	<b>11</b>	<b>8</b>	<b>7</b>	<b>9</b>	<b>13</b>	<b>12</b>	<b>8</b>
<b>7. Control Systems</b>											
1 Mark Questions	2	1	1	2	3	6	1	4	3	2	2
2 Marks Questions	9	9	9	4	3	4	3	4	4	3	3
<b>Total Marks</b>	<b>20</b>	<b>19</b>	<b>19</b>	<b>10</b>	<b>9</b>	<b>14</b>	<b>7</b>	<b>12</b>	<b>11</b>	<b>8</b>	<b>8</b>

Subject	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
8. Communication systems											
1 Mark Questions	0	1	1	2	3	1	2	3	2	2	2
2 Marks Questions	13	11	9	6	4	1	2	0	2	4	4
Total Marks	26	23	19	14	11	3	6	3	6	10	10
9. Electromagnetic Theory											
1 Mark Questions	2	2	2	2	2	3	6	1	1	2	3
2 Marks Questions	8	7	5	3	3	4	4	3	2	3	5
Total Marks	18	16	12	8	8	11	14	7	5	8	13
10. General Aptitude											
1 Mark Questions					5	5	5	5	5	5	5
2 Marks Questions					5	5	5	5	5	5	5
Total Marks					15	15	15	15	15	15	15