

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Year: May,2019

**Subject :Data Communication and
Networking Technologies (301)**

Maximum Marks : 20

Sr. No	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
1	233959	1213501	18	Eighteen
2	233977	1213502	*	*
3	233981	1213503	18	Eighteen
4	233989	1213504	12	Twelve
5	233909	1213516	*	*
6	233910	1213517	*	*
7	233912	1213518	15	Fifteen
8	233916	1213519	*	*
9	233918	1213520	13	Thirteen
10	233905	1213531	*	*
11	233906	1213532	*	*
12	233911	1213533	*	*
13	233917	1213534	10	Ten
14	233920	1213535	14	Fourteen
15	233921	1213536	17	Seventeen
16	233923	1213537	*	*
17	233925	1213538	*	*
18	233933	1213539	*	*
19	233934	1213540	*	*
20	233945	1213541	18	Eighteen
21	233970	1213542	11	Eleven
22	233985	1213543	*	*
23	233987	1213544	*	*
24	233904	1213545	*	*
25	233932	1213546	*	*
26	233994	1213547	*	*
27	233902	1213561	*	*
28	233907	1213562	*	*
29	233927	1213563	*	*
30	233978	1213564	*	*
31	233914	1213565	*	*
32	233913	1213576	15	Fifteen
33	233915	1213577	17	Seventeen
34	233924	1213578	*	*

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

CLASS : MCA-III

Year: May,2019

**Subject :Data Communication and
Networking Technologies (301)**

Maximum Marks : 20

Sr. No	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
35	233926	1213579	*	*
36	233936	1213580	*	*
37	233937	1213581	14	Fourteen
38	233939	1213582	*	*
39	233941	1213583	12	Twelve
40	233942	1213584	15	Fifteen
41	233946	1213585	12	Twelve
42	233947	1213586	17	Seventeen
43	233955	1213587	14	fourteen
44	233956	1213588	15	fifteen
45	233957	1213589	14	fourteen
46	233958	1213590	*	*
47	233965	1213591	16	Sixteen
48	233967	1213592	15	fifteen
49	233973	1213593	11	Eleven
50	233974	1213594	14	fourteen
51	233982	1213595	17	Seventeen
52	233988	1213596	*	*
53	233908	1213611	14	Fourteen
54	233919	1213612	12	Twelve
55	233928	1213613	10	Ten
56	233929	1213614	11	Eleven
57	233930	1213615	15	Fifteen
58	233938	1213616	10	Ten
59	233940	1213617	*	*
60	233951	1213618	12	Twelve
61	233961	1213619	*	*
62	233962	1213620	*	*
63	233966	1213621	*	*
64	233969	1213622	16	Sixteen
65	233975	1213623	*	*
66	233986	1213624	*	*
67	233992	1213625	*	*
68	233931	1213636	*	*

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

CLASS : MCA-III

Year: May,2019

**Subject :Data Communication and
Networking Technologies (301)**

Maximum Marks : 20

Sr. No	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
69	233935	1213637	*	*
70	233971	1213638	17	Seventeen
71	233979	1213639	*	*
72	233993	1213640	*	*
73	233964	1213646	16	Sixteen
74	233963	1213651	*	*
75	233901	1213661	11	Eleven
76	233903	1213662	*	*
77	233922	1213663	*	*
78	233943	1213664	14	Fourteen
79	233944	1213665	11	Eleven
80	233948	1213666	15	Fifteen
81	233949	1213667	15	Fifteen
82	233950	1213668	15	Fifteen
83	233952	1213669	*	*
84	233953	1213670	15	fifteen
85	233954	1213671	15	fifteen
86	233960	1213672	*	*
87	233968	1213673	*	*
88	233972	1213674	16	Sixteen
89	233976	1213675	*	*
90	233980	1213676	*	*
91	233983	1213677	13	Thirteen
92	233984	1213678	*	*
93	233990	1213679	8	Eight
94	233991	1213680	*	*

* Above students have not taken the 20% Internal Assessment Examination during the conduct of PCP, may be considered by the Examination Branches for awarding the internal assessment marks proportionately on the basis of Marks obtained by them in theory papers during the Annual examinations while tabulating the results.

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Year: May,2019

**Subject :Data Communication and
Networking Technologies (301)**

Maximum Marks : 20

Sr. No	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words

**Counter Signature
Coordinator (INT. Assesst)**

**Deputy Registrar
for Director (DE)**

Signature of the Teacher

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

CLASS : MCA-III

Year: May,2019

Subject : Web Technologies (302)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
1	233959	1213501	15	Fifteen
2	233977	1213502	*	*
3	233981	1213503	15	Fifteen
4	233989	1213504	17	Seventeen
5	233909	1213516	*	*
6	233910	1213517	*	*
7	233912	1213518	17	Seventeen
8	233916	1213519	*	*
9	233918	1213520	16	Sixteen
10	233905	1213531	*	*
11	233906	1213532	*	*
12	233911	1213533	*	*
13	233917	1213534	17	Seventeen
14	233920	1213535	17	Seventeen
15	233921	1213536	17	Seventeen
16	233923	1213537	*	*
17	233925	1213538	*	*
18	233933	1213539	*	*
19	233934	1213540	*	*
20	233945	1213541	18	Eighteen
21	233970	1213542	18	Eighteen
22	233985	1213543	*	*
23	233987	1213544	*	*
24	233904	1213545	*	*
25	233932	1213546	*	*
26	233994	1213547	*	*
27	233902	1213561	*	*
28	233907	1213562	*	*
29	233927	1213563	*	*
30	233978	1213564	*	*
31	233914	1213565	*	*
32	233913	1213576	14	Fourteen
33	233915	1213577	17	Seventeen
34	233924	1213578	*	*
35	233926	1213579	*	*

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

CLASS : MCA-III

Year: May,2019

Subject : Web Technologies (302)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
36	233936	1213580	*	*
37	233937	1213581	16	Sixteen
38	233939	1213582	*	*
39	233941	1213583	14	fourteen
40	233942	1213584	16	Sixteen
41	233946	1213585	17	Seventeen
42	233947	1213586	13	Thirteen
43	233955	1213587	17	Seventeen
44	233956	1213588	16	Sixteen
45	233957	1213589	16	Sixteen
46	233958	1213590	*	*
47	233965	1213591	17	Seventeen
48	233967	1213592	17	Seventeen
49	233973	1213593	16	Sixteen
50	233974	1213594	16	Sixteen
51	233982	1213595	13	Thirteen
52	233988	1213596	*	*
53	233908	1213611	16	Sixteen
54	233919	1213612	16	Sixteen
55	233928	1213613	14	fourteen
56	233929	1213614	11	Eleven
57	233930	1213615	16	Sixteen
58	233938	1213616	16	Sixteen
59	233940	1213617	*	*
60	233951	1213618	16	Sixteen
61	233961	1213619	*	*
62	233962	1213620	*	*
63	233966	1213621	*	*
64	233969	1213622	13	Thirteen
65	233975	1213623	*	*
66	233986	1213624	*	*
67	233992	1213625	*	*
68	233931	1213636	*	*
69	233935	1213637	*	*
70	233971	1213638	15	Fifteen

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

CLASS : MCA-III
Subject : Web Technologies (302)

Year: May,2019
Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
71	233979	1213639	*	*
72	233993	1213640	*	*
73	233964	1213646	16	Sixteen
74	233963	1213651	*	*
75	233901	1213661	17	Seventeen
76	233903	1213662	*	*
77	233922	1213663	*	*
78	233943	1213664	16	Sixteen
79	233944	1213665	14	fourteen
80	233948	1213666	15	Fifteen
81	233949	1213667	16	Sixteen
82	233950	1213668	19	Nineteen
83	233952	1213669	*	*
84	233953	1213670	12	Twelve
85	233954	1213671	15	Fifteen
86	233960	1213672	*	*
87	233968	1213673	*	*
88	233972	1213674	15	Fifteen
89	233976	1213675	*	*
90	233980	1213676	*	*
91	233983	1213677	14	Fourteen
92	233984	1213678	*	*
93	233990	1213679	16	Sixteen
94	233991	1213680	*	*

* Above students have not taken the 20% Internal Assessment Examination during the conduct of PCP, may be considered by the Examination Branches for awarding the internal assessment marks proportionately on the basis of Marks obtained by them in theory papers during the Annual examinations while tabulating the results.

Counter Signature
Coordinator (INT. Assesst)

Deputy Registrar
for Director (DE)

Signature of the Teacher

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

Class: MCA-III
Subject : Advanced Computer
Architecture (303)

Year: May,2019
Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
1	233959	1213501	19	Nineteen
2	233977	1213502	*	*
3	233981	1213503	18	Eighteen
4	233989	1213504	18	Eighteen
5	233909	1213516	*	*
6	233910	1213517	*	*
7	233912	1213518	19	Nineteen
8	233916	1213519	*	*
9	233918	1213520	18	Eighteen
10	233905	1213531	*	*
11	233906	1213532	*	*
12	233911	1213533	*	*
13	233917	1213534	19	Nineteen
14	233920	1213535	18	Eighteen
15	233921	1213536	18	Eighteen
16	233923	1213537	*	*
17	233925	1213538	*	*
18	233933	1213539	*	*
19	233934	1213540	*	*
20	233945	1213541	18	Eighteen
21	233970	1213542	18	Eighteen
22	233985	1213543	*	*
23	233987	1213544	*	*
24	233904	1213545	*	*
25	233932	1213546	*	*
26	233994	1213547	*	*
27	233902	1213561	*	*
28	233907	1213562	*	*
29	233927	1213563	*	*
30	233978	1213564	*	*
31	233914	1213565	*	*
32	233913	1213576	14	Fourteen
33	233915	1213577	12	Twelve
34	233924	1213578	*	*

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

Class: MCA-III
Subject : Advanced Computer
Architecture (303)

Year: May,2019
Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
35	233926	1213579	*	*
36	233936	1213580	*	*
37	233937	1213581	19	Nineteen
38	233939	1213582	*	*
39	233941	1213583	19	Nineteen
40	233942	1213584	15	Fifteen
41	233946	1213585	19	Nineteen
42	233947	1213586	17	Seventeen
43	233955	1213587	14	Fourteen
44	233956	1213588	18	Eighteen
45	233957	1213589	19	Nineteen
46	233958	1213590	*	*
47	233965	1213591	19	Nineteen
48	233967	1213592	19	Nineteen
49	233973	1213593	18	Eighteen
50	233974	1213594	19	Nineteen
51	233982	1213595	19	Nineteen
52	233988	1213596	*	*
53	233908	1213611	16	Sixteen
54	233919	1213612	18	Eighteen
55	233928	1213613	19	Nineteen
56	233929	1213614	19	Nineteen
57	233930	1213615	19	Nineteen
58	233938	1213616	16	Sixteen
59	233940	1213617	*	*
60	233951	1213618	17	Seventeen
61	233961	1213619	*	*
62	233962	1213620	*	*
63	233966	1213621	*	*
64	233969	1213622	17	Seventeen
65	233975	1213623	*	*
66	233986	1213624	*	*
67	233992	1213625	*	*
68	233931	1213636	*	*

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

Class: MCA-III
Subject : Advanced Computer
Architecture (303)

Year: May,2019
Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
69	233935	1213637	*	*
70	233971	1213638	14	Fourteen
71	233979	1213639	*	*
72	233993	1213640	*	*
73	233964	1213646	11	Eleven
74	233963	1213651	*	*
75	233901	1213661	18	Eighteen
76	233903	1213662	*	*
77	233922	1213663	*	*
78	233943	1213664	18	Eighteen
79	233944	1213665	13	Thirteen
80	233948	1213666	18	Eighteen
81	233949	1213667	18	Eighteen
82	233950	1213668	18	Eighteen
83	233952	1213669	*	*
84	233953	1213670	14	Fourteen
85	233954	1213671	17	Seventeen
86	233960	1213672	*	*
87	233968	1213673	*	*
88	233972	1213674	18	Eighteen
89	233976	1213675	*	*
90	233980	1213676	*	*
91	233983	1213677	*	*
92	233984	1213678	*	*
93	233990	1213679	19	Nineteen
94	233991	1213680	*	*

* Above students have not taken the 20% Internal Assessment Examination during the conduct of PCP, may be considered by the Examination Branches for awarding the internal assessment marks proportionately on the basis of Marks obtained by them in theory papers during the Annual examinations while tabulating the results.

Counter Signature
Coordinator (INT. Assesst)

Deputy Registrar
for Director (DE)

Signature of the Teacher

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

CLASS : MCA-III

Year: May,2019

Subject : Advances in Databases (304)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
1	233959	1213501	10	Ten
2	233977	1213502	*	*
3	233981	1213503	14	Fourteen
4	233989	1213504	10	Ten
5	233909	1213516	*	*
6	233910	1213517	*	*
7	233912	1213518	10	Ten
8	233916	1213519	*	*
9	233918	1213520	10	Ten
10	233905	1213531	*	*
11	233906	1213532	*	*
12	233911	1213533	*	*
13	233917	1213534	10	Ten
14	233920	1213535	14	Fourteen
15	233921	1213536	14	Fourteen
16	233923	1213537	*	*
17	233925	1213538	*	*
18	233933	1213539	*	*
19	233934	1213540	*	*
20	233945	1213541	14	Fourteen
21	233970	1213542	8	Eight
22	233985	1213543	*	*
23	233987	1213544	*	*
24	233904	1213545	*	*
25	233932	1213546	*	*
26	233994	1213547	*	*
27	233902	1213561	*	*
28	233907	1213562	*	*
29	233927	1213563	*	*
30	233978	1213564	*	*
31	233914	1213565	*	*
32	233913	1213576	8	Eight
33	233915	1213577	12	Twelve
34	233924	1213578	*	*
35	233926	1213579	*	*

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

CLASS : MCA-III

Year: May,2019

Subject : Advances in Databases (304)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
36	233936	1213580	*	*
37	233937	1213581	9	Nine
38	233939	1213582	*	*
39	233941	1213583	12	Twelve
40	233942	1213584	8	Eight
41	233946	1213585	13	Thirteen
42	233947	1213586	13	Thirteen
43	233955	1213587	12	Twelve
44	233956	1213588	11	Eleven
45	233957	1213589	16	Sixteen
46	233958	1213590	*	*
47	233965	1213591	13	Thirteen
48	233967	1213592	12	Twelve
49	233973	1213593	13	Thirteen
50	233974	1213594	12	Twelve
51	233982	1213595	8	Eight
52	233988	1213596	*	*
53	233908	1213611	15	Fifteen
54	233919	1213612	13	Thirteen
55	233928	1213613	7	Seven
56	233929	1213614	7	Seven
57	233930	1213615	14	Fourteen
58	233938	1213616	14	Fourteen
59	233940	1213617	*	*
60	233951	1213618	10	Ten
61	233961	1213619	*	*
62	233962	1213620	*	*
63	233966	1213621	*	*
64	233969	1213622	8	eight
65	233975	1213623	*	*
66	233986	1213624	*	*
67	233992	1213625	*	*
68	233931	1213636	*	*
69	233935	1213637	*	*
70	233971	1213638	11	Eleven

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Year: May,2019

Subject : Advances in Databases (304)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
71	233979	1213639	*	*
72	233993	1213640	*	*
73	233964	1213646	15	Fifteen
74	233963	1213651	*	*
75	233901	1213661	13	Thirteen
76	233903	1213662	*	*
77	233922	1213663	*	*
78	233943	1213664	10	Ten
79	233944	1213665	7	Seven
80	233948	1213666	14	Fourteen
81	233949	1213667	11	Eleven
82	233950	1213668	12	Twelve
83	233952	1213669	*	*
84	233953	1213670	8	eight
85	233954	1213671	11	Eleven
86	233960	1213672	*	*
87	233968	1213673	*	*
88	233972	1213674	12	Twelve
89	233976	1213675	*	*
90	233980	1213676	*	*
91	233983	1213677	14	Fourteen
92	233984	1213678	*	*
93	233990	1213679	12	Twelve
94	233991	1213680	*	*

* Above students have not taken the 20% Internal Assessment Examination during the conduct of PCP, may be considered by the Examination Branches for awarding the internal assessment marks proportionately on the basis of Marks obtained by them in theory papers during the Annual examinations while tabulating the results.

**Counter Signature
Coordinator (INT. Assesst)**

**Deputy Registrar
for Director (DE)**

Signature of the Teacher

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Year: May,2019

**Subject : Principles of Programming
Languages (305)**

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
1	233959	1213501	*	*
2	233977	1213502	*	*
3	233981	1213503	*	*
4	233989	1213504	*	*
5	233909	1213516	*	*
6	233910	1213517	*	*
7	233912	1213518	*	*
8	233916	1213519	*	*
9	233918	1213520	*	*
10	233905	1213531	*	*
11	233906	1213532	*	*
12	233911	1213533	*	*
13	233917	1213534	*	*
14	233920	1213535	*	*
15	233921	1213536	*	*
16	233923	1213537	*	*
17	233925	1213538	*	*
18	233933	1213539	*	*
19	233934	1213540	*	*
20	233945	1213541	*	*
21	233970	1213542	*	*
22	233985	1213543	*	*
23	233987	1213544	*	*
24	233904	1213545	*	*
25	233932	1213546	*	*
26	233994	1213547	*	*
27	233902	1213561	*	*
28	233907	1213562	*	*
29	233927	1213563	*	*
30	233978	1213564	*	*
31	233914	1213565	*	*
32	233913	1213576	*	*
33	233915	1213577	*	*
34	233924	1213578	*	*

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Year: May,2019

**Subject : Principles of Programming
Languages (305)**

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
35	233926	1213579	*	*
36	233936	1213580	*	*
37	233937	1213581	*	*
38	233939	1213582	*	*
39	233941	1213583	*	*
40	233942	1213584	*	*
41	233946	1213585	*	*
42	233947	1213586	8	Eight
43	233955	1213587	*	*
44	233956	1213588	*	*
45	233957	1213589	*	*
46	233958	1213590	*	*
47	233965	1213591	*	*
48	233967	1213592	*	*
49	233973	1213593	*	*
50	233974	1213594	*	*
51	233982	1213595	*	*
52	233988	1213596	*	*
53	233908	1213611	*	*
54	233919	1213612	*	*
55	233928	1213613	*	*
56	233929	1213614	*	*
57	233930	1213615	*	*
58	233938	1213616	*	*
59	233940	1213617	*	*
60	233951	1213618	*	*
61	233961	1213619	*	*
62	233962	1213620	*	*
63	233966	1213621	*	*
64	233969	1213622	*	*
65	233975	1213623	*	*
66	233986	1213624	*	*
67	233992	1213625	*	*
68	233931	1213636	*	*

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Year: May,2019

**Subject : Principles of Programming
Languages (305)**

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
69	233935	1213637	*	*
70	233971	1213638	*	*
71	233979	1213639	*	*
72	233993	1213640	*	*
73	233964	1213646	*	*
74	233963	1213651	*	*
75	233901	1213661	*	*
76	233903	1213662	*	*
77	233922	1213663	*	*
78	233943	1213664	*	*
79	233944	1213665	*	*
80	233948	1213666	*	*
81	233949	1213667	*	*
82	233950	1213668	*	*
83	233952	1213669	*	*
84	233953	1213670	*	*
85	233954	1213671	*	*
86	233960	1213672	*	*
87	233968	1213673	*	*
88	233972	1213674	*	*
89	233976	1213675	*	*
90	233980	1213676	*	*
91	233983	1213677	*	*
92	233984	1213678	*	*
93	233990	1213679	*	*
94	233991	1213680	*	*

* Above students have not taken the 20% Internal Assessment Examination during the conduct of PCP, may be considered by the Examination Branches for awarding the internal assessment marks proportionately on the basis of Marks obtained by them in theory papers during the Annual examinations while tabulating the results.

**Counter Signature
Coordinator (INT. Assesst)**

**Deputy Registrar
for Director (DE)**

Signature of the Teacher

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Year: May,2019

**Subject : Design and Analysis of
Algorithms (306)**

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
1	233959	1213501	*	*
2	233977	1213502	*	*
3	233981	1213503	*	*
4	233989	1213504	*	*
5	233909	1213516	*	*
6	233910	1213517	*	*
7	233912	1213518	*	*
8	233916	1213519	*	*
9	233918	1213520	*	*
10	233905	1213531	*	*
11	233906	1213532	*	*
12	233911	1213533	*	*
13	233917	1213534	*	*
14	233920	1213535	*	*
15	233921	1213536	*	*
16	233923	1213537	*	*
17	233925	1213538	*	*
18	233933	1213539	*	*
19	233934	1213540	*	*
20	233945	1213541	*	*
21	233970	1213542	*	*
22	233985	1213543	*	*
23	233987	1213544	*	*
24	233904	1213545	*	*
25	233932	1213546	*	*
26	233994	1213547	*	*
27	233902	1213561	*	*
28	233907	1213562	*	*
29	233927	1213563	*	*
30	233978	1213564	*	*
31	233914	1213565	*	*
32	233913	1213576	*	*
33	233915	1213577	*	*
34	233924	1213578	*	*
35	233926	1213579	*	*

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

CLASS : MCA-III

Year: May,2019

**Subject : Design and Analysis of
Algorithms (306)**

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
36	233936	1213580	*	*
37	233937	1213581	*	*
38	233939	1213582	*	*
39	233941	1213583	*	*
40	233942	1213584	*	*
41	233946	1213585	*	*
42	233947	1213586	*	*
43	233955	1213587	*	*
44	233956	1213588	*	*
45	233957	1213589	*	*
46	233958	1213590	*	*
47	233965	1213591	*	*
48	233967	1213592	*	*
49	233973	1213593	*	*
50	233974	1213594	*	*
51	233982	1213595	*	*
52	233988	1213596	*	*
53	233908	1213611	*	*
54	233919	1213612	*	*
55	233928	1213613	*	*
56	233929	1213614	*	*
57	233930	1213615	*	*
58	233938	1213616	*	*
59	233940	1213617	*	*
60	233951	1213618	*	*
61	233961	1213619	*	*
62	233962	1213620	*	*
63	233966	1213621	*	*
64	233969	1213622	*	*
65	233975	1213623	*	*
66	233986	1213624	*	*
67	233992	1213625	*	*
68	233931	1213636	*	*
69	233935	1213637	*	*
70	233971	1213638	*	*

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III
Subject : Design and Analysis of
Algorithms (306)

Year: May,2019
Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
71	233979	1213639	*	*
72	233993	1213640	*	*
73	233964	1213646	*	*
74	233963	1213651	*	*
75	233901	1213661	*	*
76	233903	1213662	*	*
77	233922	1213663	*	*
78	233943	1213664	*	*
79	233944	1213665	*	*
80	233948	1213666	*	*
81	233949	1213667	*	*
82	233950	1213668	*	*
83	233952	1213669	*	*
84	233953	1213670	*	*
85	233954	1213671	*	*
86	233960	1213672	*	*
87	233968	1213673	*	*
88	233972	1213674	*	*
89	233976	1213675	*	*
90	233980	1213676	*	*
91	233983	1213677	*	*
92	233984	1213678	*	*
93	233990	1213679	*	*
94	233991	1213680	*	*

* Above students have not taken the 20% Internal Assessment Examination during the conduct of PCP, may be considered by the Examination Branches for awarding the internal assessment marks proportionately on the basis of Marks obtained by them in theory papers during the Annual examinations while tabulating the results.

Counter Signature
Coordinator (INT. Assesst)

Deputy Registrar
for Director (DE)

Signature of the Teacher

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Year: May,2019

Subject : Linux and Shell Programming (307)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
1	233959	1213501	*	*
2	233977	1213502	*	*
3	233981	1213503	*	*
4	233989	1213504	*	*
5	233909	1213516	*	*
6	233910	1213517	*	*
7	233912	1213518	*	*
8	233916	1213519	*	*
9	233918	1213520	*	*
10	233905	1213531	*	*
11	233906	1213532	*	*
12	233911	1213533	*	*
13	233917	1213534	*	*
14	233920	1213535	*	*
15	233921	1213536	*	*
16	233923	1213537	*	*
17	233925	1213538	*	*
18	233933	1213539	*	*
19	233934	1213540	*	*
20	233945	1213541	*	*
21	233970	1213542	*	*
22	233985	1213543	*	*
23	233987	1213544	*	*
24	233904	1213545	*	*
25	233932	1213546	*	*
26	233994	1213547	*	*
27	233902	1213561	*	*
28	233907	1213562	*	*
29	233927	1213563	*	*
30	233978	1213564	*	*
31	233914	1213565	*	*
32	233913	1213576	*	*
33	233915	1213577	12	Twelve

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Year: May,2019

Subject : Linux and Shell Programming (307)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
34	233924	1213578	*	*
35	233926	1213579	*	*
36	233936	1213580	*	*
37	233937	1213581	*	*
38	233939	1213582	*	*
39	233941	1213583	*	*
40	233942	1213584	11	Eleven
41	233946	1213585	15	Fifteen
42	233947	1213586	*	*
43	233955	1213587	*	*
44	233956	1213588	*	*
45	233957	1213589	*	*
46	233958	1213590	*	*
47	233965	1213591	*	*
48	233967	1213592	*	*
49	233973	1213593	14	Fourteen
50	233974	1213594	*	*
51	233982	1213595	10	Ten
52	233988	1213596	*	*
53	233908	1213611	*	*
54	233919	1213612	*	*
55	233928	1213613	*	*
56	233929	1213614	*	*
57	233930	1213615	*	*
58	233938	1213616	*	*
59	233940	1213617	*	*
60	233951	1213618	*	*
61	233961	1213619	*	*
62	233962	1213620	*	*
63	233966	1213621	*	*
64	233969	1213622	*	*
65	233975	1213623	*	*
66	233986	1213624	*	*

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Year: May,2019

Subject : Linux and Shell Programming (307)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
67	233992	1213625	*	*
68	233931	1213636	*	*
69	233935	1213637	*	*
70	233971	1213638	*	*
71	233979	1213639	*	*
72	233993	1213640	*	*
73	233964	1213646	*	*
74	233963	1213651	*	*
75	233901	1213661	15	Fifteen
76	233903	1213662	*	*
77	233922	1213663	*	*
78	233943	1213664	*	*
79	233944	1213665	12	Twelve
80	233948	1213666	*	*
81	233949	1213667	17	Seventeen
82	233950	1213668	*	*
83	233952	1213669	*	*
84	233953	1213670	*	*
85	233954	1213671	*	*
86	233960	1213672	*	*
87	233968	1213673	*	*
88	233972	1213674	*	*
89	233976	1213675	*	*
90	233980	1213676	*	*
91	233983	1213677	*	*
92	233984	1213678	*	*
93	233990	1213679	*	*
94	233991	1213680	*	*

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Subject : Linux and Shell Programming (307)

Year: May,2019

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words

* Above students have not taken the 20% Internal Assessment Examination during the conduct of PCP, may be considered by the Examination Branches for awarding the internal assessment marks proportionately on the basis of Marks obtained by them in theory papers during the Annual examinations while tabulating the results.

**Counter Signature
Coordinator (INT. Assesst)**

**Deputy Registrar
for Director (DE)**

Signature of the Teacher

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Subject : Programming in Java (308)

Year: May,2019

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
1	233959	1213501	17	Seventeen
2	233977	1213502	*	*
3	233981	1213503	15	Fifteen
4	233989	1213504	12	Twelve
5	233909	1213516	*	*
6	233910	1213517	*	*
7	233912	1213518	17	Seventeen
8	233916	1213519	*	*
9	233918	1213520	13	Thirteen
10	233905	1213531	*	*
11	233906	1213532	*	*
12	233911	1213533	*	*
13	233917	1213534	17	Seventeen
14	233920	1213535	17	Seventeen
15	233921	1213536	*	*
16	233923	1213537	*	*
17	233925	1213538	*	*
18	233933	1213539	*	*
19	233934	1213540	*	*
20	233945	1213541	16	Sixteen
21	233970	1213542	17	Seventeen
22	233985	1213543	*	*
23	233987	1213544	*	*
24	233904	1213545	*	*
25	233932	1213546	*	*
26	233994	1213547	*	*
27	233902	1213561	*	*
28	233907	1213562	*	*
29	233927	1213563	*	*
30	233978	1213564	*	*
31	233914	1213565	*	*
32	233913	1213576	15	Fifteen
33	233915	1213577	*	*

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Subject : Programming in Java (308)

Year: May,2019

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
34	233924	1213578	*	*
35	233926	1213579	*	*
36	233936	1213580	*	*
37	233937	1213581	17	Seventeen
38	233939	1213582	*	*
39	233941	1213583	*	*
40	233942	1213584	*	*
41	233946	1213585	*	*
42	233947	1213586	*	*
43	233955	1213587	18	Eighteen
44	233956	1213588	18	Eighteen
45	233957	1213589	18	Eighteen
46	233958	1213590	*	*
47	233965	1213591	18	Eighteen
48	233967	1213592	19	Nineteen
49	233973	1213593	*	*
50	233974	1213594	18	Eighteen
51	233982	1213595	*	Seventeen
52	233988	1213596	*	*
53	233908	1213611	15	Fifteen
54	233919	1213612	15	Fifteen
55	233928	1213613	15	Fifteen
56	233929	1213614	16	Sixteen
57	233930	1213615	18	Eighteen
58	233938	1213616	18	Eighteen
59	233940	1213617	*	*
60	233951	1213618	17	Seventeen
61	233961	1213619	*	*
62	233962	1213620	*	*
63	233966	1213621	*	*
64	233969	1213622	18	Eighteen
65	233975	1213623	*	*
66	233986	1213624	*	*

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Subject : Programming in Java (308)

Year: May,2019

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
67	233992	1213625	*	*
68	233931	1213636	*	*
69	233935	1213637	*	*
70	233971	1213638	12	Twelve
71	233979	1213639	*	*
72	233993	1213640	*	*
73	233964	1213646	14	Fourteen
74	233963	1213651	*	*
75	233901	1213661	*	*
76	233903	1213662	*	*
77	233922	1213663	*	*
78	233943	1213664	17	Seventeen
79	233944	1213665	*	*
80	233948	1213666	17	Seventeen
81	233949	1213667	*	*
82	233950	1213668	17	Seventeen
83	233952	1213669	*	*
84	233953	1213670	9	Nine Only
85	233954	1213671	12	Twelve
86	233960	1213672	*	*
87	233968	1213673	*	*
88	233972	1213674	18	Eighteen
89	233976	1213675	*	*
90	233980	1213676	*	*
91	233983	1213677	12	Twelve
92	233984	1213678	*	*
93	233990	1213679	18	Eighteen
94	233991	1213680	*	*

* Above students have not taken the 20% Internal Assessment Examination during the conduct of PCP, may be considered by the Examination Branches for awarding the internal assessment marks proportionately on the basis of Marks obtained by them in theory papers during the Annual examinations while tabulating the results.

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III
Subject : Programming in Java (308)

Year: May,2019
Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words

Counter Signature
Coordinator (INT. Assesst)

Deputy Registrar
for Director (DE)

Signature of the Teacher

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

CLASS : MCA-III

Year: May,2019

Subject : Software Lab-I Based on CS DE-32 (310)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
1	233959	1213501	18	Eighteen
2	233977	1213502	*	*
3	233981	1213503	18	Eighteen
4	233989	1213504	17	Seventeen
5	233909	1213516	*	*
6	233910	1213517	*	*
7	233912	1213518	18	Eighteen
8	233916	1213519	*	*
9	233918	1213520	18	Eighteen
10	233905	1213531	*	*
11	233906	1213532	*	*
12	233911	1213533	*	*
13	233917	1213534	15	Fifteen
14	233920	1213535	17	Seventeen
15	233921	1213536	18	Eighteen
16	233923	1213537	*	*
17	233925	1213538	*	*
18	233933	1213539	*	*
19	233934	1213540	*	*
20	233945	1213541	19	Nineteen
21	233970	1213542	18	Eighteen
22	233985	1213543	*	*
23	233987	1213544	*	*
24	233904	1213545	*	*
25	233932	1213546	*	*
26	233994	1213547	*	*
27	233902	1213561	*	*
28	233907	1213562	*	*
29	233927	1213563	*	*
30	233978	1213564	*	*
31	233914	1213565	*	*
32	233913	1213576	19	Nineteen
33	233915	1213577	19	Nineteen
34	233924	1213578	*	*

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

CLASS : MCA-III

Year: May,2019

Subject : Software Lab-I Based on CS DE-32 (310)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
35	233926	1213579	*	*
36	233936	1213580	*	*
37	233937	1213581	19	Nineteen
38	233939	1213582	*	*
39	233941	1213583	18	Eighteen
40	233942	1213584	18	Eighteen
41	233946	1213585	18	Eighteen
42	233947	1213586	17	Seventeen
43	233955	1213587	17	Seventeen
44	233956	1213588	18	Eighteen
45	233957	1213589	18	Eighteen
46	233958	1213590	*	*
47	233965	1213591	18	Eighteen
48	233967	1213592	18	Eighteen
49	233973	1213593	16	Sixteen
50	233974	1213594	18	Eighteen
51	233982	1213595	18	Eighteen
52	233988	1213596	*	*
53	233908	1213611	20	Twenty
54	233919	1213612	17	Seventeen
55	233928	1213613	19	Nineteen
56	233929	1213614	17	Seventeen
57	233930	1213615	17	Seventeen
58	233938	1213616	18	Eighteen
59	233940	1213617	*	*
60	233951	1213618	17	Seventeen
61	233961	1213619	*	*
62	233962	1213620	*	*
63	233966	1213621	*	*
64	233969	1213622	16	Sixteen
65	233975	1213623	*	*
66	233986	1213624	*	*
67	233992	1213625	*	*
68	233931	1213636	*	*

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Year: May,2019

Subject : Software Lab-I Based on CS DE-32 (310)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
69	233935	1213637	*	*
70	233971	1213638	18	Eighteen
71	233979	1213639	*	*
72	233993	1213640	*	*
73	233964	1213646	16	Sixteen
74	233963	1213651	*	*
75	233901	1213661	18	Eighteen
76	233903	1213662	*	*
77	233922	1213663	*	*
78	233943	1213664	18	Eighteen
79	233944	1213665	18	Eighteen
80	233948	1213666	17	Seventeen
81	233949	1213667	18	Eighteen
82	233950	1213668	17	Seventeen
83	233952	1213669	*	*
84	233953	1213670	18	Eighteen
85	233954	1213671	18	Eighteen
86	233960	1213672	*	*
87	233968	1213673	*	*
88	233972	1213674	17	Seventeen
89	233976	1213675	*	*
90	233980	1213676	*	*
91	233983	1213677	13	Thirteen
92	233984	1213678	*	*
93	233990	1213679	16	Sixteen
94	233991	1213680	*	*

* Above students have not taken the 20% Internal Assessment Examination during the conduct of PCP, may be considered by the Examination Branches for awarding the internal assessment marks proportionately on the basis of Marks obtained by them in theory papers during the Annual examinations while tabulating the results.

Counter Signature

Deputy Registrar

Signature of the Teacher

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Year: May,2019

Subject : Software Lab-I Based on CS DE-32 (310)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words

Coordinator (INT. Assesst)

for Director (DE)

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

CLASS : MCA-III

Year: May,2019

Subject : Software Lab-II Based on CS DE-34 (311)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
1	233959	1213501	18	Eighteen
2	233977	1213502	*	*
3	233981	1213503	15	Fifteen
4	233989	1213504	16	Sixteen
5	233909	1213516	*	*
6	233910	1213517	*	*
7	233912	1213518	19	Nineteen
8	233916	1213519	*	*
9	233918	1213520	17	Seventeen
10	233905	1213531	*	*
11	233906	1213532	*	*
12	233911	1213533	*	*
13	233917	1213534	19	Nineteen
14	233920	1213535	18	Eighteen
15	233921	1213536	16	Sixteen
16	233923	1213537	*	*
17	233925	1213538	*	*
18	233933	1213539	*	*
19	233934	1213540	*	*
20	233945	1213541	16	Sixteen
21	233970	1213542	19	Nineteen
22	233985	1213543	*	*
23	233987	1213544	*	*
24	233904	1213545	*	*
25	233932	1213546	*	*
26	233994	1213547	*	*
27	233902	1213561	*	*
28	233907	1213562	*	*
29	233927	1213563	*	*
30	233978	1213564	*	*
31	233914	1213565	*	*
32	233913	1213576	19	Nineteen
33	233915	1213577	18	Eighteen
34	233924	1213578	*	*
35	233926	1213579	*	*

DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT

CLASS : MCA-III

Year: May,2019

Subject : Software Lab-II Based on CS DE-34 (311)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
36	233936	1213580	*	*
37	233937	1213581	19	Nineteen
38	233939	1213582	*	*
39	233941	1213583	17	Seventeen
40	233942	1213584	16	Sixteen
41	233946	1213585	14	Fourteen
42	233947	1213586	19	Nineteen
43	233955	1213587	16	Sixteen
44	233956	1213588	17	Seventeen
45	233957	1213589	19	Nineteen
46	233958	1213590	*	*
47	233965	1213591	19	Nineteen
48	233967	1213592	19	Nineteen
49	233973	1213593	18	Eighteen
50	233974	1213594	19	Nineteen
51	233982	1213595	17	Seventeen
52	233988	1213596	*	*
53	233908	1213611	18	Eighteen
54	233919	1213612	19	Nineteen
55	233928	1213613	18	Eighteen
56	233929	1213614	18	Eighteen
57	233930	1213615	15	Fifteen
58	233938	1213616	19	Nineteen
59	233940	1213617	*	*
60	233951	1213618	19	Nineteen
61	233961	1213619	*	*
62	233962	1213620	*	*
63	233966	1213621	*	*
64	233969	1213622	16	Sixteen
65	233975	1213623	*	*
66	233986	1213624	*	*
67	233992	1213625	*	*
68	233931	1213636	*	*
69	233935	1213637	*	*
70	233971	1213638	19	Nineteen

**DIRECTORATE OF DISTANCE EDUCATION
KURUKSHETRA UNIVERSITY KURUKSHETRA
INTERNAL ASSESSMENT**

CLASS : MCA-III

Year: May,2019

Subject : Software Lab-II Based on CS DE-34 (311)

Maximum Marks : 20

Sr. No.	Ref.No.	Roll No.	Marks Obtained	
			Figures	Words
71	233979	1213639	*	*
72	233993	1213640	*	*
73	233964	1213646	18	Eighteen
74	233963	1213651	*	*
75	233901	1213661	14	Fourteen
76	233903	1213662	*	*
77	233922	1213663	*	*
78	233943	1213664	18	Eighteen
79	233944	1213665	17	Seventeen
80	233948	1213666	19	Nineteen
81	233949	1213667	19	Nineteen
82	233950	1213668	18	Eighteen
83	233952	1213669	*	*
84	233953	1213670	13	Thirteen
85	233954	1213671	17	Seventeen
86	233960	1213672	*	*
87	233968	1213673	*	*
88	233972	1213674	19	Nineteen
89	233976	1213675	*	*
90	233980	1213676	*	*
91	233983	1213677	8	Eight
92	233984	1213678	*	*
93	233990	1213679	18	Eighteen
94	233991	1213680	*	*

* Above students have not taken the 20% Internal Assessment Examination during the conduct of PCP, may be considered by the Examination Branches for awarding the internal assessment marks proportionately on the basis of Marks obtained by them in theory papers during the Annual examinations while tabulating the results.

**Counter Signature
Coordinator (INT. Assesst)**

**Deputy Registrar
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Signature of the Teacher