

GOVT. THAKUR RANMAT SINGH (AUTONOMOUS) COLLEGE, REWA (M.P.)

Assignment Topic

Session 2019-20

Class:-B.Sc. (Hons.) Maths, Semester:-Ist

Subject:-Maths(H-2)

Paper Title: Calculus and Trigonometry

S.N	Roll No.	Name	Assignment Topic
1	19133001	ADARSH KUMAR MISHRA	A study of Leibnitz theorem with example
2	19133002	AAKASH DAHIYA	A study of Maclaurin and Taylor series expansions with example
3	19133003	AARTI SINGH	A study of curvature and parametric formula for radius of curvature
4	19133004	ABHAY PRATAP TIWARI	A study of Tracing of curves in Cartesian and polar co-ordinates
5	19133005	ABHIMANYU SINGH	A study of integration of irrational algebraic function with example
6	19133006	ABHINAY PRATAP SINGH	A study of Reduction formula and proved them
7	19133007	ABHINEESH MISHRA	A study of Quadrature and whole area of circle and ellipse
8	19133008	ABHISHEK DWIVEDI	A study of expansion of trigonometric function with example.
9	19133009	ABHISHEK KUMAR GUPTA	A Study of concept of partial differentiation with example
10	19133010	ABHISHEK MISHRA	A Study of Successive differentiation with example
11	19133011	ABHISHEK VISHWKARMA	A study of Leibnitz theorem with example
12	19133012	ADARSH KUMAR PATEL	A study of Maclaurin and Taylor series expansions with example
13	19133013	ADITI MISHRA	A study of curvature and parametric formula for radius of curvature
14	19133014	AJAY KUMAR PATEL	A study of Tracing of curves in Cartesian and polar co-ordinates
15	19133015	AJAY KUMAR SAHU	A study of integration of irrational algebraic function with

			example
16	19133016	AJAY SONI	A study of Reduction formula and proved them
17	19133017	AJEET KUMAR MISHRA	A study of Quadrature and whole area of circle and ellipse
18	19133018	AJEET VISHWKARMA	A study of expansion of trigonometric function with example.
19	19133019	AJIT KUMAR SHUKLA	A Study of concept of partial differentiation with example
20	19133020	AKHIL KUMAR TIWARI	A Study of Successive differentiation with example
21	19133021	ALEKH KUMAR TIWARI	A study of Leibnitz theorem with example
22	19133022	AMAN KORI	A study of Maclaurin and Taylor series expansions with example
23	19133023	AMAN KHUSHWAHA	A study of curvature and parametric formula for radius of curvature
24	19133024	AMAN SINGH	A study of Tracing of curves in Cartesian and polar co-ordinates
25	19133025	AMAN TRIPATHI	A study of integration of irrational algebraic function with example
26	19133026	AMAN TRIPATHI	A study of Reduction formula and proved them
27	19133027	AMAR VERMA	A study of Quadrature and whole area of circle and ellipse
28	19133028	AMARDEEP SAKET	A study of expansion of trigonometric function with example.
29	19133029	AMBRISH KUMAR SHARMA	A Study of concept of partial differentiation with example
30	19133030	AMIT KUMAR MISHRA	A Study of Successive differentiation with example
31	19133031	AMIT PATEL	A study of Leibnitz theorem with example
32	19133032	AMITESH KUMAR DWIVEDI	A study of Maclaurin and Taylor series expansions with example
33	19133033	AMIT KUMAR PANDEY	A study of curvature and parametric formula for radius of curvature
34	19133034	AMRITA SHUKLA	A study of Tracing of curves in Cartesian and polar co-ordinates
35	19133035	ANAND KUMAR JAISWAL	A study of integration of irrational algebraic function with example
36	19133036	ANCHAL GAUTAM	A study of Reduction formula and proved them
37	19133037	ANIKET BANSAL	A study of Quadrature and whole area of

			circle and ellipse
38	19133038	ANIKET VISHWKARMA	A study of expansion of trigonometric function with example.
39	19133039	ANIL KEWAT	A Study of concept of partial differentiation with example
40	19133040	ANIL KUMAR KEWAT	A Study of Successive differentiation with example
41	19133041	ANJALI RAJAK	A study of Leibnitz theorem with example
42	19133042	ANJALI SAKET	A study of Maclaurin and Taylor series expansions with example
43	19133043	ANKIT KUMAR SAHU	A study of curvature and parametric formula for radius of curvature
44	19133044	ANKIT KUMAR SAKET	A study of Tracing of curves in Cartesian and polar co-ordinates
45	19133045	ANKIT PANDEY	A study of integration of irrational algebraic function with example
46	19133046	ANNAPURNA PATEL	A study of Reduction formula and proved them
47	19133047	ANOOB KUMAR PANDEY	A study of Quadrature and whole area of circle and ellipse
48	19133048	ANSHUL KUMAR NAMDEV	A study of expansion of trigonometric function with example.
49	19133049	ANSHUMAN SINGH	A Study of concept of partial differentiation with example
50	19133050	ANUJ SHUKLA	A Study of Successive differentiation with example
51	19133051	ANUPAM TIWARI	A study of Leibnitz theorem with example
52	19133052	ANURADHA TIWARI	A study of Maclaurin and Taylor series expansions with example
53	19133053	ANURAG DUBEY	A study of curvature and parametric formula for radius of curvature
54	19133054	ANURAG DWIVEDI	A study of Tracing of curves in Cartesian and polar co-ordinates
55	19133055	ANURAG KUSHWAHA	A study of integration of irrational algebraic function with example
56	19133056	ANURAG MISHRA	A study of Reduction formula and proved them
57	19133057	ARCHIT SHRIVASTAVA	A study of Quadrature and whole area of circle and ellipse
58	19133058	ARPITA YADAV	A study of expansion of trigonometric function with example.
59	1913359	ARTI KUSHWAHA	A Study of concept of partial differentiation with example

60	1913360	ARTI SAHU	A Study of Successive differentiation with example
61	19133061	ARUN KU.TIWARI	A study of Leibnitz theorem with example
62	19133062	ARVIND KU.VISHWKARMA	A study of Maclaurin and Taylor series expansions with example
63	19133063	ARYA KACHER	A study of curvature and parametric formula for radius of curvature
64	19133064	ASHISH KU.GUPTA	A study of Tracing of curves in Cartesian and polar co-ordinates
65	19133065	ASHISH KU.TIWARI	A study of integration of irrational algebraic function with example
66	19133066	ASHISH KUSHWAHA	A study of Reduction formula and proved them
67	19133067	ASHKRIT TIWARI	A study of Quadrature and whole area of circle and ellipse
68	19133068	ASHOK YADAV	A study of expansion of trigonometric function with example.
69	19133069	ASHUTOSH SHARMA	A Study of concept of partial differentiation with example
70	19133070	ASHUTOSH SINGH TIWARI	A Study of Successive differentiation with example
71	19133071	ASHUTOSH TIWARI	A study of Leibnitz theorem with example
72	19133072	ATUL PATEL	A study of Maclaurin and Taylor series expansions with example
73	19133073	AVANYIKA TIWARI	A study of curvature and parametric formula for radius of curvature
74	19133074	AVINASH SINGH	A study of Tracing of curves in Cartesian and polar co-ordinates
75	19133075	AYUSH GAUTAM	A study of integration of irrational algebraic function with example
76	19133076	AYUSH PANDEY	A study of Reduction formula and proved them
77	19133077	AYUSH SHRIVASTAVA	A study of Quadrature and whole area of circle and ellipse
78	19133078	BANDANA PATEL	A study of expansion of trigonometric function with example.
79	19133079	BHAVANA VISHWKARMA	A Study of concept of partial differentiation with example
80	19133080	BRIJ KISHOR	A Study of Successive differentiation with example
81	19133081	CHANDAN SHUKLA	A study of Leibnitz theorem with example

82	19133082	CHET RAM PRAJAPATI	A study of Maclaurin and Taylor series expansions with example
83	19133083	DEEPAK KU.BADAL	A study of curvature and parametric formula for radius of curvature
84	19133084	DEEPAK KU.PANDEY	A study of Tracing of curves in Cartesian and polar co-ordinates
85	19133085	DEEPAK MISHRA	A study of integration of irrational algebraic function with example
86	19133086	DEEPAK SINGH	A study of Reduction formula and proved them
87	19133087	DEEPAK SHUKLA	A study of Quadrature and whole area of circle and ellipse
88	19133088	DEEPIKA TIWARI	A study of expansion of trigonometric function with example.
89	19133089	DEEPU KEWAT	A Study of concept of partial differentiation with example
90	19133090	DEEPAK KU.GUPTA	A Study of Successive differentiation with example
91	19133091	DEVBRAT CHAURASIYA	A study of Leibnitz theorem with example
92	19133092	DEVRISHI PANDEY	A study of Maclaurin and Taylor series expansions with example
93	19133093	DHARMENDRA KU.SAKET	A study of curvature and parametric formula for radius of curvature
94	19133094	DILEEP KU.SAHU	A study of Tracing of curves in Cartesian and polar co-ordinates
95	19133095	DILEEP TIWARI	A study of integration of irrational algebraic function with example
96	19133096	DILIP KU.RAWAT	A study of Reduction formula and proved them
97	19133097	DIPANJALI MISHRA	A study of Quadrature and whole area of circle and ellipse
98	19133098	GARIMA TIWARI	A study of expansion of trigonometric function with example.
99	19133099	GAURAV AWASTHI	A Study of concept of partial differentiation with example
100	19133100	GAUSIYA MANSURI	A Study of Successive differentiation with example
101	19133101	HANUMAN SHARMA	A study of Leibnitz theorem with example
102	19133102	HIMANSHU KUSHWAHA	A study of Maclaurin and Taylor series expansions with example
103	19133103	JAIDEEP MISHRA	A study of curvature and parametric formula

			for radius of curvature
104	19133104	JEETENDRA KU.PATEL	A study of Tracing of curves in Cartesian and polar co-ordinates
105	19133105	JEETENDRA KU.SAKET	A study of integration of irrational algebraic function with example
106	19133106	JITENDRA PATEL	A study of Reduction formula and proved them
107	19133107	JYOTI TIWARI	A study of Quadrature and whole area of circle and ellipse
108	19133108	KADHAI LAL KEWAT	A study of expansion of trigonometric function with example.
109	19133109	KAILASH PRAJAPATI	A Study of concept of partial differentiation with example
110	19133110	KAJAL KHUSHWAHA	A Study of Successive differentiation with example
111	19133111	KEDAR NATH SONI	A study of Leibnitz theorem with example
112	19133112	KHUSHBU SONI	A study of Maclaurin and Taylor series expansions with example
113	19133113	KHUSHI TIWARI	A study of curvature and parametric formula for radius of curvature
114	19133114	KIRTI TIWARI	A study of Tracing of curves in Cartesian and polar co-ordinates
115	19133115	KISHAN KUMAR TIWARI	A study of integration of irrational algebraic function with example
116	19133116	KOMAL DWIVEDI	A study of Reduction formula and proved them
117	19133117	KOMAL SHUKLA	A study of Quadrature and whole area of circle and ellipse
118	19133118	KRIPA SINGH	A study of expansion of trigonometric function with example.
119	19133119	KRISHAN KUMAR PATEL	A Study of concept of partial differentiation with example
120	19133120	KRISHAN KANT DWIVEDI	A Study of Successive differentiation with example
121	19133121	KRISHNA KUMAR PANDEY	A study of Leibnitz theorem with example
122	19133122	KRISHNENDRA TIWARI	A study of Maclaurin and Taylor series expansions with example
123	19133123	LAVKUSH SAHU	A study of curvature and parametric formula for radius of curvature
124	19133124	LAXMI MISHRA	A study of Tracing of curves in Cartesian and polar co-ordinates

125	19133125	LAXMI TIWARI	A study of integration of irrational algebraic function with example
126	19133126	MANISH KU.GUPTA	A study of Reduction formula and proved them
127	19133127	MANOJ KU.SAGAR	A study of Quadrature and whole area of circle and ellipse
128	19133128	MAYANK MISHRA	A study of expansion of trigonometric function with example.
129	19133129	MEDHA	A Study of concept of partial differentiation with example
130	19133130	MINAKSHI TRIPATHI	A Study of Successive differentiation with example
131	19133131	MO.SAIF ANSARI	A study of Leibnitz theorem with example
132	19133132	MOHIT SINGH	A study of Maclaurin and Taylor series expansions with example
133	19133133	MOHIT VISHWKARMA	A study of curvature and parametric formula for radius of curvature
134	19133134	MOHIT LAL PATEL	A study of Tracing of curves in Cartesian and polar co-ordinates
135	19133135	MONIKA SINGH	A study of integration of irrational algebraic function with example
136	19133136	MUSHKAN SHUKLA	A study of Reduction formula and proved them
137	19133137	NAND LAL SAKET	A study of Quadrature and whole area of circle and ellipse
138	19133138	NAVEEN KU.SONI	A study of expansion of trigonometric function with example.
139	19133139	NEELAM CHATURVEDI	A Study of concept of partial differentiation with example
140	19133140	NEELESH PATEL	A Study of Successive differentiation with example
141	19133141	NEERAJ KU.PATEL	A study of Leibnitz theorem with example
142	19133142	NEETIKA PANDEY	A study of Maclaurin and Taylor series expansions with example
143	19133143	NIKHIL KESHARWANI	A study of curvature and parametric formula for radius of curvature
144	19133144	NIKITA VERMA	A study of Tracing of curves in Cartesian and polar co-ordinates
145	19133145	NILESH KUMAR	A study of integration of irrational algebraic function with example
146	19133146	NIRMALA SAKET	A study of Reduction formula and proved them

147	19133147	NITEESH PATEL	A study of Quadrature and whole area of circle and ellipse
148	19133148	OM PRAKASH CHATURVEDI	A study of expansion of trigonometric function with example.
149	19133149	OM PRAKASH SAHU	A Study of concept of partial differentiation with example
150	19133150	OMPRAKASH TRIPATHI	A Study of Successive differentiation with example
151	19133151	OMPRAKASH VISHWKARMA	A study of Leibnitz theorem with example
152	19133152	OMSHANKAR SAHU	A study of Maclaurin and Taylor series expansions with example
153	19133153	PANKAJ KU.SATNAMI	A study of curvature and parametric formula for radius of curvature
154	19133154	PANKAJ SAKET	A study of Tracing of curves in Cartesian and polar co-ordinates
155	19133155	PANKAJ SINGH	A study of integration of irrational algebraic function with example
156	19133156	PAVAN KU.CHAURASIYA	A study of Reduction formula and proved them
157	19133157	PAVAN KU.KUSHWAHA	A study of Quadrature and whole area of circle and ellipse
158	19133158	PAWAN CHODHUARY	A study of expansion of trigonometric function with example.
159	19133159	PAWAN DWIVEDI	A Study of concept of partial differentiation with example
160	19133160	PIYUSH YADAV	A Study of Successive differentiation with example
161	19133161	POOJA GUPTA	A study of Leibnitz theorem with example
162	19133162	POORNIMA SONI	A study of Maclaurin and Taylor series expansions with example
163	19133163	PRABHAT KUMAR PATHAK	A study of curvature and parametric formula for radius of curvature
164	19133164	PRACHI SHUKLA	A study of Tracing of curves in Cartesian and polar co-ordinates
165	19133165	PRACHI TRIPATHI	A study of integration of irrational algebraic function with example
166	19133166	PRAKASH KU.VERMA	A study of Reduction formula and proved them
167	19133167	PRAKASH KUSHWAHA	A study of Quadrature and whole area of circle and ellipse
168	19133168	PRAKHAR MISHRA	A study of expansion of trigonometric function with example.

169	19133169	PRAMOD KEWAT	A Study of concept of partial differentiation with example
170	19133170	PRAMOD SINGH	A Study of Successive differentiation with example
171	19133171	PRANAV PRATAP	A study of Leibnitz theorem with example
172	19133172	PRASHANT CHAUDHARI	A study of Maclaurin and Taylor series expansions with example
173	19133173	PRASHANT MANI TIWARI	A study of curvature and parametric formula for radius of curvature
174	19133174	PRASOON TIWARI	A study of Tracing of curves in Cartesian and polar co-ordinates
175	19133175	PRAVEEN	A study of integration of irrational algebraic function with example
176	19133176	PRINCE KU.PANDEY	A study of Reduction formula and proved them
177	19133177	PRINCE KU.PANDEY	A study of Quadrature and whole area of circle and ellipse
178	19133178	PRINCE TIWARI	A study of expansion of trigonometric function with example.
179	19133179	PRIYA PANDEY	A Study of concept of partial differentiation with example
180	19133180	PRIYANKA SINGH	A Study of Successive differentiation with example
181	19133181	PUSHPENDRA KUMAR UPDHAYA	A study of Leibnitz theorem with example
182	19133182	RAHUL CHATURVEDI	A study of Maclaurin and Taylor series expansions with example
183	19133183	RAHUL SINGH	A study of curvature and parametric formula for radius of curvature
184	19133184	RAHUL YADAV	A study of Tracing of curves in Cartesian and polar co-ordinates
185	19133185	RAJ SHARMA	A study of integration of irrational algebraic function with example
186	19133186	RAJESH PATEL	A study of Reduction formula and proved them
187	19133187	RAKESH KU.BAIS	A study of Quadrature and whole area of circle and ellipse
188	19133188	RAM PRAKASH PANDEY	A study of expansion of trigonometric function with example.
189	19133189	RAMESH PRAJAPATI	A Study of concept of partial differentiation with example
190	19133190	RAVI KUMAR SAKET	A Study of Successive differentiation with example

191	19133191	REENU TIWARI	A study of Leibnitz theorem with example
192	19133192	REETESH PATEL	A study of Maclaurin and Taylor series expansions with example
193	19133193	REETU VISHWKARMA	A study of curvature and parametric formula for radius of curvature
194	19133194	RISHIKESH PATEL	A study of Tracing of curves in Cartesian and polar co-ordinates
195	19133195	RITEESH KUMAR TIWARI	A study of integration of irrational algebraic function with example
196	19133196	ROHIT BANSAL	A study of Reduction formula and proved them
197	19133197	ROHIT KUMAR	A study of Quadrature and whole area of circle and ellipse
198	19133198	ROHIT VISHWKARMA	A study of expansion of trigonometric function with example.
199	19133199	RUCHI MISHRA	A Study of concept of partial differentiation with example
200	19133200	RUCHI TIWARI	A Study of Successive differentiation with example
201	19133202	RUCHI UPADHYAY	A study of Leibnitz theorem with example
202	19133202	SACHI SHUKLA	A study of Maclaurin and Taylor series expansions with example
203	19133203	SACHIN SAHU	A study of curvature and parametric formula for radius of curvature
204	19133204	SAGAR CHAUDHARY	A study of Tracing of curves in Cartesian and polar co-ordinates
205	19133205	SAKSHI SINGH	A study of integration of irrational algebraic function with example
206	19133206	SAKSHI SINGH BAGHEL	A study of Reduction formula and proved them
207	19133207	SAMIKSHA TRIPATHI	A study of Quadrature and whole area of circle and ellipse
208	19133208	SANDEEP DAHAYAT	A study of expansion of trigonometric function with example.
209	19133209	SANDEEP KUMAR KORI	A Study of concept of partial differentiation with example
210	19133210	SANDEEP KUMAR PRAJAPATI	A Study of Successive differentiation with example
211	19133211	SANDEEP KUSHWAHA	A study of Leibnitz theorem with example
212	19133212	SANDEEP PATHAK	A study of Maclaurin and Taylor series expansions with example
213	19133213	SANDEEP SAKET	A study of curvature and parametric formula

			for radius of curvature
214	19133214	SANJEEV KUMAR DUBEY	A study of Tracing of curves in Cartesian and polar co-ordinates
215	19133215	SANJEEV KUMAR SHUKLA	A study of integration of irrational algebraic function with example
216	19133216	SATISH TRIPATHI	A study of Reduction formula and proved them
217	19133217	SATRAROHAN SAKET	A study of Quadrature and whole area of circle and ellipse
218	19133218	SATYADEV SAKET	A study of expansion of trigonometric function with example.
219	19133219	SATYAM DWIVEDI	A Study of concept of partial differentiation with example
220	19133220	SATYAM KUMAR NIRAJ	A Study of Successive differentiation with example
221	19133221	SATYAM SHUKLA	A study of Leibnitz theorem with example
222	19133222	SATYAM SHUKLA	A study of Maclaurin and Taylor series expansions with example
223	19133223	SAURABH SHRIVASTAVA	A study of curvature and parametric formula for radius of curvature
224	19133224	SAURABH SINGH	A study of Tracing of curves in Cartesian and polar co-ordinates
225	19133225	SAURABH TIWARI	A study of integration of irrational algebraic function with example
226	19133226	SAURABH TIWARI	A study of Reduction formula and proved them
227	19133227	SHABNAM SINGH	A study of Quadrature and whole area of circle and ellipse
228	19133228	SHAIENDRA SINGH	A study of expansion of trigonometric function with example.
229	19133229	SHAINA KAUSAR	A Study of concept of partial differentiation with example
230	19133230	SHALINI GUPTA	A Study of Successive differentiation with example
231	19133231	SHALENDRA KU.SONI	A study of Leibnitz theorem with example
232	19133232	SHALINI KHUSHWAHA	A study of Maclaurin and Taylor series expansions with example
233	19133233	SHIVAM MISHRA	A study of curvature and parametric formula for radius of curvature
234	19133234	SHIVAM MISHRA	A study of Tracing of curves in Cartesian and polar co-ordinates
235	19133235	SHIVAM SEN	A study of integration of irrational

			algebraic function with example
236	19133236	SHIVAM SHARMA	A study of Reduction formula and proved them
237	19133237	SHIVANAND RAWAT	A study of Quadrature and whole area of circle and ellipse
238	19133238	SHIVANGI MISHRA	A study of expansion of trigonometric function with example.
239	19133239	SHIVANI SINGH	A Study of concept of partial differentiation with example
240	19133240	SHIVANSH PAYASI	A Study of Successive differentiation with example
241	19133241	SHIVENDRA KHUSHWAHA	A study of Leibnitz theorem with example
242	19133242	SHUBHANSHU PANDEY	A study of Maclaurin and Taylor series expansions with example
243	19133243	SIDDHARTH TIWARI	A study of curvature and parametric formula for radius of curvature
244	19133244	SOHAN SONI	A study of Tracing of curves in Cartesian and polar co-ordinates
245	19133245	SONAL TIWARI	A study of integration of irrational algebraic function with example
246	19133246	SUBHASH LONIYA	A study of Reduction formula and proved them
247	19133247	SUBHASH SAKET	A study of Quadrature and whole area of circle and ellipse
248	19133248	SUMIT SINGH	A study of expansion of trigonometric function with example.
249	19133249	SURAJ KU.SAKET	A Study of concept of partial differentiation with example
250	19133250	SURAJ KUSHWAHA	A Study of Successive differentiation with example
251	19133251	SURBHI JAISWAL	A study of Leibnitz theorem with example
252	19133252	SURENDRA RAJAK	A study of Maclaurin and Taylor series expansions with example
253	19133253	TANU MISHRA	A study of curvature and parametric formula for radius of curvature
254	19133254	TANUJ PRATAP SINGH	A study of Tracing of curves in Cartesian and polar co-ordinates
255	19133255	UDHAYBHAN KOL	A study of integration of irrational algebraic function with example
256	19133256	UJJAWAL MISHRA	A study of Reduction formula and proved them

257	19133257	VAISHNAVI GAUTAM	A study of Quadrature and whole area of circle and ellipse
258	19133258	VIJAY DUBEY	A study of expansion of trigonometric function with example.
259	19133259	VIJAY KUMAR PANDEY	A Study of concept of partial differentiation with example
260	19133260	VIKASH KUMAR PATEL	A Study of Successive differentiation with example
261	19133261	VIKASH KUSHWAHA	A study of Leibnitz theorem with example
262	19133262	VIKASHKUMAR DAHIYA	A study of Maclaurin and Taylor series expansions with example
263	19133263	VIKASH PANDEY	A study of curvature and parametric formula for radius of curvature
264	19133264	VIKASH TIWARI	A study of Tracing of curves in Cartesian and polar co-ordinates
265	19133265	VIKASH TRIPATHI	A study of integration of irrational algebraic function with example
266	19133266	VIMAL TIWARI	A study of Reduction formula and proved them
267	19133267	VINAY SAHU	A study of Quadrature and whole area of circle and ellipse
268	19133268	UMESH	A study of expansion of trigonometric function with example.
269	19133269	VINOD KU.SAHU	A Study of concept of partial differentiation with example
270	19133270	VISHAL SINGH	A Study of Successive differentiation with example
271	19133271	VISHNU KU.CHATURVEDI	A study of Leibnitz theorem with example
272	19133272	VISHNU KUMAR	A study of Maclaurin and Taylor series expansions with example
273	19133273	VIVEK KUMAR SHUKLA	A study of curvature and parametric formula for radius of curvature