

RK VIGYAN PG COLLEGE KALWAR JAIPUR, RAJ.
B.SC 4TH SEMESTER MATHEMATICS PRACTICAL

S.N	PAPER (I, II,) NAME	UNIT	TOPIC	VIDEO LINK
1		SEC-A	C programming print to Fibonacci sequence	https://youtu.be/xas1kDPGTik?si=uAxyYurdBdM1vy4l
2			Defining a function and finding sum of a series	https://youtu.be/sndf9zihc6U?si=LvGZMiTkIN1xN4mP
3			checking prime/composite number in c	https://youtu.be/kxRA0dBqYW4?si=QHEOAAFrFzJOuuGZ
4			Mean and standard deviations and permutations and combinations	https://youtu.be/oVUk38hDUE?si=D1VypkRo_XAVZ6HC
5		SEC-B	Trapezoidal rule in c	https://youtu.be/LBuJt_kGX0E?si=60C-iYzk4tVpkIbO
6			Simpson one-third rule in c	https://youtu.be/3Ad9B0qTWK4?si=gncqPMb9koKalfbj
7			Simpson three-eight rule in c	https://youtu.be/SzduDJzxA3o?si=yeoRoADnwT4wrO5O
8			Waddle rule in c	https://youtu.be/CjuH6K87RpY?si=aaH4H_mwahQjU66i
9			Newton's forward in c	https://youtu.be/ytU0pj-kJQ4?si=WK2l-43oB-gZ8bT2
10			Newton's backward in c	https://youtu.be/enE6qx1ySao?si=QYczyBRNxylLq-xR
11		SEC-C	Bisection method in c	https://youtu.be/raYmHY9U84c?si=JMSJz1R2wpTikAkJG
12			Regula falsi method in c language	https://youtu.be/PrLpACXy8R4?si=pt2St3bCTgrSgk9g
13			Newton's rapson method in c language	https://youtu.be/b70Op6iZh2s?si=WG5ST1MRziSCrsM
14			Euler s method in c language	https://youtu.be/Fz5Qu3Qnv1A?si=IUWw3NPA9NbIG4Dy
15			Runge-kutta fourth order method	https://youtu.be/aTGWr2DhN94?si=iVhKltS85bJqlbG6