

## KARNATAKA

### KCET - 2020 CRASH COURSE SCHEDULE (PCMB)

SN	DATE	DAY	TEACHING	PHYSICS	CHEMISTRY	MATH	BIOLOGY
1	10/6/20	Wednesday	Day-1	UNITS & MEASUREMENTS MOTION IN A STRAIGHT LINE	SOME BASIC CONCEPTS OF CHEMISTRY (STOICHEOMETRY) REDOX REACTIONS	SETS, RELATIONS & FUNCTIONS (Domains & Ranges of functions)	LIVING WORLD, BIOLOGICAL CLASSIFICATION
2	11/6/20	Thursday	Day-2	MOTION IN A PLANE WITH VECTORS	ATOMIC STRUCTURE	FUNCTIONS (Types of functions, composite functions, Inverse of a function)	PLANT KINGDOM
3	12/6/20	Friday	Day-3	LAWS OF MOTION INCLUDING FRICTION	CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES	TRIGONOMETRY UPTO TRANSFORMATIONS	ANIMAL KINGDOM
4	13-06-20	Saturday	Day-4	WORK, ENERGY AND POWER INCLUDING COLLISIONS	CHEMICAL BONDING	TRIGONOMETRIC EQUATIONS, INVERSE TRIGONOMETRIC FUNCTIONS	MORPHOLOGY OF FLOWERING PLANTS, ANATOMY
5	14-06-20	Sunday	Day-5	SYSTEM OF PARTICLES AND ROTATIONAL MOTION Centre of mass, Motion of centre of mass, Linear momentum of a system of particles, Vector product of two vectors, Angular velocity and its relation with linear velocity, Torque and angular momentum, Equilibrium of a rigid body	STATES OF MATTER	INVERSE TRIGONOMETRIC FUNCTIONS	STRUCTURCTURAL ORGANISATION IN ANIMALS
6	15-06-20	Monday		<b>KCET PART TEST - 1 (100% SYLLABUS FROM DAY-1 TO DAY-5)</b> <b>NOTE : EVERY KCET EXAM IN ONLINE (n-DIGITAL APP) MATH - 60 BITS (70 MINUTES), PHYSICS - 60 BITS (70 MINUTES), CHEMISTRY - 60 BITS (70 MINUTES), BIOLOGY - 60 BITS (70 MINUTES)</b>			
7	16-06-20	Tuesday	Day-6	SYSTEM OF PARTICLES AND ROTATIONAL MOTION Moment of inertia, Theorems of perpendicular and parallel axes, Kinematics of rotational motion about a fixed axis, Dynamics of rotational motion about a fixed axis, Angular momentum in case of rotation about a fixed axis, Rolling motion	THERMODYNAMICS	COMPLEX NUMBERS, QUADRATIC EQUATIONS	CELL, CELL CYCLE

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8	17-06-20	Wednesday	Day-7	GRAVITATION	EQUILIBRIUM (CHEMICAL & IONIC)	BINOMIAL THEOREM, PERMUTATIONS & COMBINATIONS	BIOMOLECULES
9	18-06-20	Thursday	Day-8	MECHANICAL PROPERTIES OF SOLIDS & FLUIDS	ORGANIC CHEMISTRY - SOME BASIC PRINCIPLES AND TECHNIQUES	MATHEMATICAL REASONING, STATISTICS	TRANSPORT IN PLANTS, MINERAL NUTRITION
10	19-06-20	Friday	Day-9	THERMAL PROPERTIES OF MATTER	HYDROCARBONS	LINEAR INEQUALITIES, LINEAR PROGRAMMING PROBLEMS	PHOTOSYNTHESIS
11	20-06-20	Saturday	Day-10	THERMODYNAMICS & KINETIC THEORY	HYDROGEN & S-BLOCK ELEMENTS	PROBABILITY (Classical definition of probability, Addition, Multiplication theorem of probability)	RESPIRATION, PLANT GROWTH & DEVELOPMENT
12	21-06-20	Sunday	Day-11	OSCILLATIONS	P-BLOCK ELEMENTS (13, 14) ENVIRONMENTAL CHEMISTRY	PROBABILITY (Total probability theorem, Baye's theorem, Random variables, Binomial distribution)	DIGESTION, BREATHING
13	22-06-20	Monday		<b>KCET PART TEST - 2 (60% SYLLABUS FROM DAY-6 TO DAY-11 + 40% SYLLABUS FROM DAY-1 TO DAY-5)</b> <b>NOTE : EVERY KCET EXAM IN ONLINE (n-DIGITAL APP) MATH - 60 BITS (70 MINUTES), PHYSICS - 60 BITS (70 MINUTES),</b> <b>CHEMISTRY - 60 BITS (70 MINUTES), BIOLOGY - 60 BITS (70 MINUTES)</b>			
14	23-06-20	Tuesday	Day-12	WAVES	SOLID STATE	SEQUENCES & SERIES, MATHEMATICAL INDUCTION	BODY FLUIDS AND CIRCULATION
15	24-06-20	Wednesday	Day-13	ELECTRIC FIELD & CHARGES	SOLUTIONS	STRAIGHT LINES	EXCRETION AND LOCOMOTION
16	25-06-20	Thursday	Day-14	ELECTROSTATIC POTENTIAL	ELECTROCHEMISTRY	CONIC SECTIONS (CIRCLES, PARABOLA, ELLIPSE, HYPERBOLA)	NEURAL CONTROL & CHEMICAL CONTROL
17	26-06-20	Friday	Day-15	ELECTROSTATIC CAPACITANCE	CHEMICAL KINETICS	VECTOR ALGEBRA (Addition of vectors)	SEXUAL REPRODUCTION IN FLOWERING PLANTS
18	27-06-20	Saturday	Day-16	CURRENT ELECTRICITY electric current, electric currents in conductors, ohm's law, drift of electrons and the origin of resistivity, limitations of ohm's law, resistivity of various materials, temperature dependence of resistivity	SURFACE CHEMISTRY	VECTOR ALGEBRA (Dot & cross product of vectors)	HUMAN REPRODUCTION & REPRODUCTIVE HEALTH

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19	28-06-20	Sunday	Day-17	CURRENT ELECTRICITY Electrical Energy, Power, combination of resistors – series and parallel, cells, emf, internal resistance, cells in series and in parallel, kirchhoff's rules, wheatstone bridge, meter bridge, potentiometer	METALLURGY	VECTOR ALGEBRA (Triple product of vectors)	PRINCIPLES OF INHERITANCE
20	29-06-20	Monday		<b>KCET PART TEST - 3 (60% SYLLABUS FROM DAY-12 TO DAY-17 + 40% SYLLABUS FROM DAY-1 TO DAY-11)</b> <b>NOTE : EVERY KCET EXAM IN ONLINE (n-DIGITAL APP) MATH - 60 BITS (70 MINUTES), PHYSICS - 60 BITS (70 MINUTES), CHEMISTRY - 60 BITS (70 MINUTES), BIOLOGY - 60 BITS (70 MINUTES)</b>			
21	30-06-20	Tuesday	Day-18	MOVING CHARGES & MAGNETISM magnetic force, motion in a magnetic field, motion in combined electric and magnetic fields, magnetic field due to a current element, biot-savart law, magnetic field on the axis of a circular current loop	P BLOCK ELEMENTS (15, 16, 17, 18)	3D GEOMETRY (D.C's, D.r's, Lines)	MOLECULAR BASIS OF INHERITANCE
22	1/7/20	Wednesday	Day-19	MOVING CHARGES & MAGNETISM ampere's circuital law, the solenoid and the toroid, force between two parallel currents, torque on current loop, magnetic dipole, the moving coil galvanometer, meters	D & F BLOCK	3D GEOMETRY (Planes)	EVOLUTION
23	2/7/20	Thursday	Day-20	MAGNETISM & MATTER	CO-ORDINATION COMPOUNDS	LIMITS, CONTINUTY	HUMAN HEALTH AND DISEASES
24	3/7/20	Friday	Day-21	ELECTROMAGNETIC INDUCTION	HALO ALKANES & ARENES (From Classification to physical properties)	DIFFERENTIABILITY, DERIVATIVES	STRATERGIES
25	4/7/20	Saturday	Day-22	ALTERNATING CURRENT & EM WAVES	HALO ALKANES & ARENES (From Chemical properties to poly halogen compounds)	APPLICATION OF DERIVATIVES (Tangents & Normals, Rate of change)	MICROBES IN HUMAN WELFARE
26	5/7/20	Sunday	Day-23	RAY OPTICS & OPTICAL INSTRUMENTS Reflection & Refraction of Light at Plane surfaces, Mirrors	CHEMISTRY IN EVERYDAY LIFE	APPLICATION OF DERIVATIVES (Decreasing & increasing functions, maxima and minima)	BIOTECHNOLOGY PRINCIPLES
27	6/7/20	Monday		<b>KCET PART TEST - 4 (60% SYLLABUS FROM DAY-18 TO DAY-23 + 40% SYLLABUS FROM DAY-1 TO DAY-17)</b> <b>NOTE : EVERY KCET EXAM IN ONLINE (n-DIGITAL APP) MATH - 60 BITS (70 MINUTES), PHYSICS - 60 BITS (70 MINUTES), CHEMISTRY - 60 BITS (70 MINUTES), BIOLOGY - 60 BITS (70 MINUTES)</b>			

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28	7/7/20	Tuesday	Day-24	RAY OPTICS & OPTICAL INSTRUMENTS Refraction of light at spherical surfaces, lenses, prism, optical instruments	ALCOHOLS, PHENOLS, ETHERS	INTEGRATION (INDEFINITE)	BIOTECHNOLOGY APPLICATIONS
29	8/7/20	Wednesday	Day-25	WAVE OPTICS	ALDEHYDES, KETONES, CARBOXYLIC ACIDS (From nomenclature & structure of carbonyl groups to Physical properties)	DEFINITE INTEGRATION	ORGANISMS AND POPULATIONS
30	9/7/20	Thursday	Day-26	DUAL NATURE OF RADIATION AND MATTER	ALDEHYDES, KETONES, CARBOXYLIC ACIDS (From chemical properties of Aldehydes, Ketones to uses of carboxylicacids)	APPLICATION OF INTEGRALS	ECOSYSTEM
31	10/7/20	Friday	Day-27	ATOMS	AMINES	DIFFERENTIAL EQUATIONS	BIODIVERSITY
32	11/7/20	Saturday	Day-28	NUCLEI	BIOMOLECULES	MATRICES	ENVIRONMENTAL ISSUES
33	12/7/20	Sunday	Day-29	SEMI CONDUCTOR DEVICES (EXCLUDING TRANSISTORS)	POLYMERS	DETERMINANTS	REPRODUCTION IN ORGANISMS
34	13-07-20	Monday		<b>KCET PART TEST - 5 (60% SYLLABUS FROM DAY-24 TO DAY-29 + 40% SYLLABUS FROM DAY-1 TO DAY-23)</b> <b>NOTE : EVERY KCET EXAM IN ONLINE (n-DIGITAL APP) MATH - 60 BITS (70 MINUTES), PHYSICS - 60 BITS (70 MINUTES), CHEMISTRY - 60 BITS (70 MINUTES), BIOLOGY - 60 BITS (70 MINUTES)</b>			
35	14-07-20	Tuesday	Day-30	QUESTION PAPER EXPLANATION			
36	15-07-20	Wednesday		KCET GRAND TEST (on 2nd PUC / +2 Syllabus)			
37	16-07-20	Thursday	Day-31	QUESTION PAPER EXPLANATION			
38	17-07-20	Friday		KCET GRAND TEST - 1			
39	18-07-20	Saturday	Day-32	GT - 1 QUESTION PAPER EXPLANATION			
40	19-07-20	Sunday		KCET GRAND TEST - 2			
41	20-07-20	Monday	Day-33	GT - 2 QUESTION PAPER EXPLANATION			
42	21-07-20	Tuesday		KCET GRAND TEST - 3			

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43	22-07-20	Wednesday	Day-34	GT - 3 QUESTION PAPER EXPLANATION			
44	23-07-20	Thursday		KCET GRAND TEST - 4			
45	24-07-20	Friday	Day-35	GT - 4 QUESTION PAPER EXPLANATION			
46	25-07-20	Saturday		KCET GRAND TEST - 5			
47	26-07-20	Sunday	Day-36	GT - 5 QUESTION PAPER EXPLANATION			
48	27-07-20	Monday		KCET GRAND TEST - 6			
49	28-07-20	Tuesday	Day-37	GT - 6 QUESTION PAPER EXPLANATION			
50	29-07-20	Wednesday		PREPARATION			
51	30-07-20	Thursday		FINAL KCET - 2020 EXAM			
52	31-07-20	Friday		FINAL KCET - 2020 EXAM			