

BAHRIA COLLEGE KARACHI
CAMBRIDGE WING
 Promotional Exam, Aug '17
 Time Table
 Class SR 2 (Session 2016-17)

DAY	Tuesday	Wednesday	Thursday	Friday	Monday	Tuesday	Wednesday
DATE	1-Aug	2-Aug	3-Aug	4-Aug	7-Aug	8-Aug	9-Aug
SUBJECT	Math	English	Accounts	Biology	Chemistry	Add. Math	Physics
	P1 (0815-0915)	P1 (0815-1000)	0815-1115	P1 (0800-0900)	P1 (0815-0915)	0815-1045	P1 (0815-0915)
	P2 (0930-1130)	P2 (1015-1155)		P2 (0900-1040)	P2 (0930-1100)		P2 (0930-1115)
				P6 (1040-1140)	P4 (1115-1155)		P4 (1130-1230)
				Computer Sc.	Economics	Commerce	Business St.
				0800-0945	P1 (0815-0900)	P1 (0815-0915)	P1 (0815-0945)
				P2 (0915-1130)	P2 (0930-1130)	P2 (1000-1130)	

Syllabus:

Computer Science:

- Input Devices
- Sensors
- Output Devices
- Logic Gate
- Computer Architecture
- Computer Security
- Flowcharts.
- Data Storage

Physics:

- Describing Wave Motion
- Wave Terms
- Wave Behaviour
- Reflection Of Light
- Refraction Of Light
- Thin Converging And Diverging Lenses
- Dispersion Of Light
- Properties Of Electromagnetic Waves
- Applications Of Electromagnetic Waves
- Sound Waves
- Speed Of Sound

- Ultrasound
- Laws Of Electrostatics
- Principles Of Electrostatics
- Applications Of Electrostatics
- Current
- Electromotive Force
- Potential Difference
- Resistance
- Current And Potential Difference In Circuits
- Series And Parallel Circuits
- Uses Of Electricity
- Dangers Of Electricity
- Safe Use Of Electricity In The Home
- Law Of Magnetism
- Magnetic Properties Of Matter
- Electromagnetism.

Add-Math:

- Ch#09 Functions
- Ch#10 Trigonometric Function
- Ch#11 Simple Trigonometric Identities and Equations

Ch#12 Circular Measure
Ch#13 Permutations and Combinations
Ch#14 Binomial Theorem
Ch#15 Differentiation and Its
Technique.
And Past Paper (2012-16)

Economics:

- Macro Economics Aims
 1. Inflation
 2. Unemployment
 3. Economic Growth
- Demand & Supply(Including Elasticity & Tax)
- Cost & Revenue
- Basic Economic Problem.

English:

- Narrative and description writing
- Opinion Essays
- Directed writing: Account
- Comprehension passage for Qs/Ans, summary and VOC.

Biology:

- Cell the building block of life
- Diffusion, Osmosis and Surface Area Volume ratio
- Transport in mammals
- Homeostasis
- Co-ordination and Response I, II, III
- Excretion.

Accounts:

- Employees Pay
- Capital Exp & Rev Exp , Role Of ICT
- Manufacturing
- Ratio Analysis
- Partnership
- Sole Trader

Chemistry:

- Chemical bonding
- Redox reaction
- Electrolysis
- Energy changes & reversible reactions
- Rate of reaction
- Acids & bases

- Atmosphere and environment
- Some non metals and their Compounds
- Identification of ions and gases

Commerce:

- Production and Commerce
- Trade and Aids to Trade
- The Retail Trade
- Modern trends in retailing
- Terms and Documents
- Types of Business Units
- Consumer Protection
- Warehousing

B.Studies:

- Business Activity
- Classification of Business Organization
- Enterprise, Business Growth and Size
- Types of Business Organization
- Business and Stakeholders Objectives
- Organization and Management
- Recruitment, Selection and Training
- Market Research
- Marketing Mix: Product, Price, Promotion, and Place.
- Market Strategies
- Motivating Workers
- Internal & External Communication
- Production of Goods & Service
- Environmental & Ethical Issues

Math:

Ch#10 Trigonometric Ratio's
Ch#11 Further Trigonometry
Ch#12 Mensuration Arc Length Sector
Area Radian Measure
Ch#13 Geometrical Properties of
Circle
Ch# I Sets
Ch# II matrices
Ch# III Frequency Distributions
(First Five Topic of Past Paper)