

BAHRIA COLLEGE KARSAZ
INFORMATIONS, INSTRUCTIONS AND SAMPLE PAPER
OF ADMISSION TEST – CLASS XI
SESSION 2019 – 2020

NOTE-1: Candidates are required to select a board/group as per following:

Federal Board: Pre-Medical/Pre-Engineering

Karachi Board: Pre-Medical/Pre-Engineering/Computer Science/Commerce

NOTE-2: Candidate can only opt for Pre-Medical if he/she had Biology in SSC.

NOTE-3: Candidates are required to appear in admission test in the subjects written against each group:

- **Pre Medical Group:** English, Biology, Physics and Chemistry.
- **Pre Engineering Group:** English, Maths, Physics and Chemistry.
- **Science General Group:** English, Maths, Physics and Computer.
- **Commerce Group:** English and Maths.

INSTRUCTIONS:

- ✓ Each Paper consists of 25 Multiple Choice Questions.
- ✓ Paper will start at 0900 am, however reporting time will be 0830 hrs.
- ✓ Candidates must bring their own stationary (black or blue ball point).
- ✓ Cell Phones are not allowed in Examination Hall/Room.
- ✓ Write the correct choice in relevant boxes on the answer sheet.
- ✓ Duration for the test of Pre-Medical/Pre-Engineering/Science General Groups is 120 minutes and of Commerce Group is 90 and also there will be psychology/aptitude test of half an hour.
- ✓ Candidates would be allowed to leave after completion of the papers.

SAMPLE ANSWER SHEET

BAHRIA COLLEGE KARSAZ
ANSWER SHEET:

NAME _____

FATHER'S NAME _____

FORM SERIAL NO. _____

ROLL NO. _____

ROOM NO. _____

SIGNATURE OF CANDIDATE _____

INSTRUCTIONS:

- Write the correct choice in the relevant box for example A/B/C/D.
- Cutting and over writing is not allowed.
- Write just one option. If more than one option is written, answer will be considered wrong.
- Calculator is not allowed.

ENGLISH	
1	B
2	B
3	D
4	B
5	D

PHYSICS	
1	D
2	C
3	B
4	B
5	B

CHEM/COMP	
1	C
2	C
3	C
4	B
5	B

BIO/MATHS	
1	C
2	D
3	A
4	A
5	B

BIOLOGY

- _____ is the study of function of different parts of organisms.
(A) Genetics (B) Physiology (C) Taxonomy (D) Cell Biology
- _____ are known as the power house of the cell.
(A) Ribosome (B) Nucleus (C) Mitochondria (D) Centrioles
- Pancreas produces digestive enzymes and releases them into
(A) Colon (B) Gall bladder (C) Liver (D) Duodenum
- Plasma is made up of water and _____
(A) Metabolites and wastes (B) Salts & ions (C) Proteins (D) All of the above
- Which of these are responsible for blood clotting?
(A) Platelets (B) Erythrocytes (C) Neutrophils (D) Basophils

CHEMISTRY

- 9g of water contains _____ molecules
(A) 6.02×10^{23} (B) 0.602×10^{26} (C) 3.01×10^{23} (D) 5.418×10^{24}
- Mass of an electron is:
(A) 1.673×10^{-27} kg (B) 1.602×10^{-19} kg (C) 9.109×10^{-31} kg (D) 1.76×10^{-11} kg
- Which bond is pure covalent bond from the following:
(A) H – Cl (B) H – OH (C) Cl – Cl (D) KCl
- A solution that contains 1 mole of solute in 1 dm³ of solution is called?
(A) Normal solution (B) Molar solution (C) Molal solution (D) Colloidal solution
- Aqua Regiawas prepared by:
(A) Rutherford (B) Jabir Bin Haiyan (C) Ibn-e-Sina (D) Hess

PHYSICS

- The SI unit of viscosity is _____
(A) Kgm/s (B) Kgms (C) Kgms⁻¹ (D) Kgms⁻¹
- Light year is the unit of
(A) Speed (B) Mass (C) Distance (D) Time
- 1 N equals to
(A) 1 kg ms⁻¹ (B) 1 kg ms⁻² (C) 1 kg⁻¹ ms⁻² (D) None of these
- Dr. Abdus Salam was awarded Nobel Prize for his work on
(A) Electronics (B) Grand Unification Theory
(C) Radiation (D) Gravitation
- The length of second pendulum is equal to _____.
(A) 1.0002m (B) 1.02m (C) 0.002m (D) 2m

ENGLISH

- Choose the correct spelling:
(A) Manefestation (B) Manifestation (C) Mainifestation (D) Mainefestation
- "He completed his task in time". Which tense is it?
(A) Present Indefinite (B) Past Indefinite (C) Present Perfect (D) Past Perfect
- They came to see us in April. The underlined word is
(A) Adverb (B) Adjective (C) Noun (D) Preposition
- A sentence that makes a statement is called a / an _____.
(A) Exclamatory sentence (B) Assertive sentence (C) Declarative sentence (D) Both B & C
- Choose the correct tense. Did you think you _____ me before?
(A) See (B) Saw (C) Seen (D) Have Seen

COMPUTER

- The Mechanical Calculator used:
(A) Octal Number System (B) Binary Number System
(C) Decimal Number System (D) Hexadecimal Number System.
- The computer can be used as:
(A) Type Writers (B) Calculators (C) Accounting System (D) All the above
- To choose Print Preview from file menu the short cut key is:
(A) Shift + F2 (B) Ctrl +F2 (C) Alt +F2 (D) None of above
- The devices that are attached with system unit are called:
(A) Input devices (B) Peripheral devices (C) System unit (D) Data processing devices
- ALU stands for:
(A) Adder and Logical Unit (B) Arithmetic and Logical Unit
(C) Comparison Unit (D) Accumulator Unit.

MATHS

- {0, 1, 2, 3,.....} is a set of
(A) Natural numbers (B) Even numbers (C) Whole numbers (D) None
- If $A = \{1,2,3,4,5,6\}$ then total number of subset of A are _____.
(A) 16 (B) 32 (C) 6 (D) 64
- In an isosceles triangle _____ sides are congruent.
(A) Two (B) Three (C) Four (D) No
- If $A \subset B$, then $A \cup B =$ _____.
(A) B (B) \emptyset (C) A (D) None
- The medians of a triangle intersect each other in the ratio _____.
(A) 1 : 3 (B) 1 : 2 (C) 2 : 1 (D) 3 : 1

The End....