INSTRUCTIONS

- Write your Roll Number only on the top right corner.
- Do not write your name or any other information.
- Do not use lead pencil. Avoid erasing, cutting, overwriting, etc.
- Any sign, mark, name, etc written on Answer Scripts to disclose your identity will disqualify you for admission to the College.

ATTEMPT ALL QUESTIONS

Q. 1 Circle the correct option: [5]

a. I want to go to a university in the United States.
   A. Adjective  B. Preposition  C. Noun
b. I am sure I have met your father before.
   A. Verb  B. Preposition  C. Interjection
c. Andy knocked on the door but nobody answered.
   A. Adverb  B. Adjective  C. Conjunction
d. After lunch let’s go out for a coffee.
   A. Pronoun  B. Preposition  C. Verb
e. If we finish our work quickly, we can go to the movies.
   A. Adverb  B. Conjunction  C. Verb

Q. 2 Complete the following with ‘ic’ or ‘ick’: [5]

a. Tr_______  b. Traff_______  c. Pub_______
d. St_______  e. Fantast_______

Q. 3 Choose the correct prefix ‘mis’ or ‘dis’, and complete the following [5]

a. _____behave   b. _____obey   c. _____appear
d. _____fortune   e. _____spelling

Q. 4 Pick out the correct answer: [5]

a. My sister ________ play tennis now.
   A. can to  B. can  C. will can
b. I _____ walk when I was less than a year old.
   A. can  B. could  C. have can
c. (polite) _______ you tell me what time it is please?
   A. could  B. can  C. will
d. My grandfather __________ walk without any help last night.
   A. can  B. could  C. was able to
e. I will __________ help you later.
   A. can  B. could  C. be able to
Q. 5  Fill in the blanks with ‘may’ or ‘might’. Follow the instructions given in brackets.

a. _____ you have a long and prosperous life! (wishes)
b. They asked if they _____ borrow our car. (possibility)
c. _____ I have some sugar in my tea? (a polite suggestion)
d. _____ you live a long life and have many children. (wishes)
e. If she saves enough, she _____ just make it to college. (weak possibility)

Q. 6  Identify with the Simple Past or the Past Perfect forms of the verbs given in brackets.

a. I _______ the biscuits by the time the children _______ (eat, arrive)
b. By the time she _______ to the hospital her uncle _______ (go, die)
c. The students _______ the lesson after the teacher _______ it to tem (understand, explain)
d. When we _________ and we missed the beginning. (reach, start)
e. The dog _____ hungry, it _______ anything for two days. (be, not eat)

Q. 6  Write a short story carrying moral “Forgiveness has its own reward”.

Q. 7  Write an essay (150 to 200 words) on any one of the following topic:

a. What My Country Demands from Me
b. The Charms of Boarding Life
INSTRUCTIONS

- Write your Roll Number only on the top right corner.
- Do not write your name or any other information.
- Do not use lead pencil. Avoid erasing, cutting, overwriting, etc.
- Any sign, mark, name, etc written on Answer Scripts to disclose your identity will disqualify you for admission to the College.

ATTEMPT ALL QUESTIONS

Q. 1 Circle the correct option: [5]
   i. How many degrees are there in a pie chart?
      A. 90°  B. 180°  C. 360°  D. 60°
   ii. What is the equivalent of 500 cm³?
       A. 10 litres  B. 1 litr  C. 10.5 litres  D. 0.5 litres
   iii. What is the sum of the angles in a rhombus?
        A. 90°  B. 180°  C. 280°  D. 360°
   iv. What types of tax is zakat?
        A. wealth  B. income  C. agricultural  D. property
   v. Which of these is a recurring decimal?
      A. 2.474,474……...  B. 1.315,478….  C. 0.124,025…  D. 1.155,254….

Q. 2 If and , then prove that [5]

Q. 3 A group of 100 men have provisions for 30 days. If 20 more men join the group, how will the provisions last? [5]

Q. 4 How much Zakat should be paid on yearly saving of Rs.93,800? [5]

Q. 5 Simplify: [5]

Q. 6 Resolve into factors: [5]

Q. 7 The sum of three consecutive multiples of 11 is 297. Find the numbers. [5]

Q. 8 Find the area of a floor which is covered by 1050 tiles, each tile measuring 20 square centimeters. [5]

Q. 9 How many 30 cm cubes can be cut out of a cube whose volume is 135 cubic metres? [5]

Q. 10 In the given figure, \( \angle P = 65° \), \( \angle L = 46° \). Find if \( \angle Q = \) and \( \angle R = \) \( \angle S = \) [5]
INSTRUCTIONS

- Write your Roll Number only on the top right corner.
- Do not write your name or any other information.
- Do not use lead pencil. Avoid erasing, cutting, overwriting, etc.
- Any sign, mark, name, etc written on Answer Scripts to disclose your identity will disqualify you for admission to the College.

ATTEMPT ALL QUESTIONS

Q. 1  Circle the correct option.  [8]
   i. A substance that is burned to produce heat and light is known as:
      A. Fuel      B. Alkali      C. Acid
   ii. Dilute acids and alkalis react together to form
      A. Salt      B. Water      C. Both A and B
   iii. What type of lens is found in human eye?
      A. Convex     B. Concave    C. Plane
   iv. Boiling point of pure water is
      A. 0 °C      B. 100 °C     C. 357 °C
   v. Silicon is a type of
      A. Full Conductor   B. Semi-Conductor  C. Insulator
   vi. A dog sent in first flight to space was named
      A. Laika    B. Lucky      C. Luna
   vii. The spinal Cord is safely protected by
      A. Vertebra    B. Skull     C. Ribs
   viii. Which of these is an inherited trait?
      A. Liking the color red       B. Having long fingers
         C. Wearing ring in a finger

Q. 2  Write short answer of all questions:  [2]
   a. What type of living organism is Yeast?
   b. What is greenhouse effect?
   c. If an element burns in oxygen what is produced?
   d. Name any two strong and two weak acids.
   e. How can we get energy from waste materials?
   f. Enlist four properties of acids.

Note:  Write detail answer of the following questions:

Q. 3  What is acid rain? Describe in your own words how acid rain damages the ecosystem.  [8]
Q. 4  What is generator and what is its job?  [6]
Q. 5  Write a note on nuclear energy, nuclear fission and nuclear fusion.  [6]
Q. 6  How lens in Human eye is able to focus?  [6]