



ARMY BURN HALL COLLEGE FOR BOYS
Entry Test – Class Pre JC-IV (Model Paper)

SUBJECT: ENGLISH

Time: 30 Minutes

Maximum Marks: 25

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 (other than roll number) written on Answer Scripts to disclose your identity will disqualify you for admission in the College.

ATTEMPT ALL QUESTIONS

Q. 1 Read the passage carefully and answer the questions given at the end. [6]

Havana is rich in history and has wonderful architecture and there is music everywhere. Its people enjoy making 'rumba' music all over Havana: in the street, inside and outside restaurants, on balconies, in square, in the shade of the trees everywhere! We love the drums and African rhythms of our Afro-Cuban music. We are proud that it is the most popular in the whole of Latin America. Havana is famous for the huge old 1950s, American cars with their metal tail fins, which we still drive. You can see them painted in many different brilliant colours. Cuba is famous, too, for its manufacture of sugar, and fat Cuban cigars.

Questions:

- a. Write down summary of the passage and also suggest a suitable title.
 - b. What are the main characteristics of Cuban music? [2]
 - c. Why is Cuba famous? [2]
- Q. 2 Write an email to your father telling him about your progress in the terminal Exam. [6]**
- Q. 3 Do as directed. [3]**
- a. The farmer cut the grass. (Change into Interrogative)
 - b. Catch the thief. (Change into Passive Voice)
 - c. He won't come here. (Change into Positive)
- Q. 4 Write down genders of the following words: [3]**
- a. Maid: _____ b. Bachelor: _____
 - c. Bull: _____
- Q. 5 Write a paragraph on any one of the following topics: [7]**
- (a) A Scene at a Traffic Signal
 - (b) Libraries — An Integral Part of Education



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SUBJECT: MATHEMATICS

Time: 30 Minutes

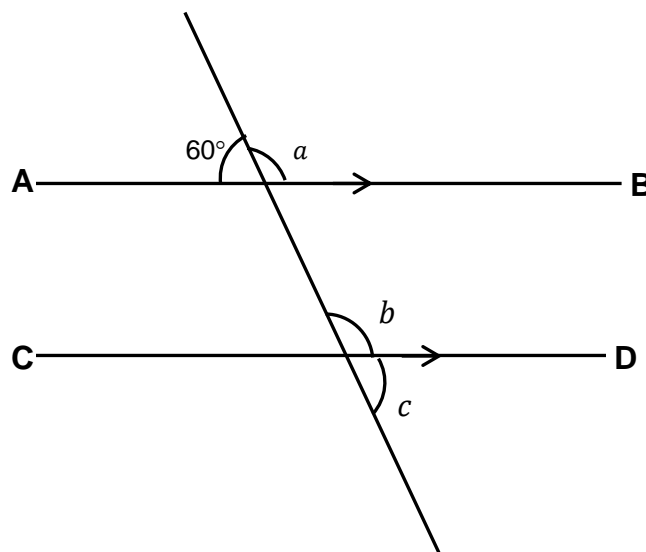
Maximum Marks: 20

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ATTEMPT ALL QUESTIONS

- Q. 1 Encircle the correct option.** [5]
- i. Total Surface Area of Cuboid is:
A. $6L^2$ B. $2(LW + WH + LH)$ C. $2\pi r^2$ D. $2\pi rh$
- ii. Which of the following is not a prime number?
A. 1 B. 2 C. 5 D. 7
- iii. $2^4 \times 2^3 \times \frac{1}{2^{-7}} = ?$
A. 2^0 B. 2^1 C. 2^5 D. 2^{14}
- iv. Sum of interior angles of a hexagon is:
A. 180° B. 720° C. 360° D. 540°
- v. Round off to the nearest whole number: **7.358**
A. 7.40 B. 8 C. 7 D. 7.30
- Q. 2** A disaster relief team consists of engineers and doctors in the ratio of 2 : 5. If there are 18 engineers, find the number of doctors. [3]
- Q. 3** The marked price of an item is Rs. 320.00. It is sold for Rs. 300.00. Find discount percent. [3]
- Q. 4** Subtract $-2a^4 + 5a^3 - 8$ from $3a^4 - 2a^3 + 3a + 1$ [3]
- Q. 5** Solve the equation. [3]
- $$\frac{2x + 5}{x} = \frac{7}{3}$$
- Q. 6** In the figure $AB \parallel CD$. Find the values of the unknowns, (a, b & c) [3]





ARMY BURN HALL COLLEGE FOR BOYS
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SUBJECT: GENERAL SCIENCE

Time: 30 Minutes

Maximum Marks: 20

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ATTEMPT ALL QUESTIONS

Q. 1 Encircle the correct option.

[5]

- i. Proton number of an element is 11, while Nucleon number is 23. What is number of Neutrons?
A. 11 B. 12 C. 13 D. 14
- ii. Number of periods in periodic table are:
A. 5 B. 6 C. 7 D. 8
- iii. Formula of sodium chloride is:
A. *KCl* B. *NaCl* C. *NaBr* D. *KI*
- iv. Which of the vessels contain deoxygenated blood?
A. Arteries B. Veins C. Capillaries D. None
- v. Which is main organ for digestion?
A. Small Intestine B. Large Intestine
C. Liver D. Stomach

Q. 2 Give short answers to the following questions.

(5×3 = 15)

- i. Number of Neutron in an atom are 13, while number of Protons are 7. What is Proton number and Nucleon number?
- ii. Define Isotopes. Write Isotopes of Hydrogen.
- iii. Define gaseous exchange.
- iv. What is the importance of carbohydrate in balanced diet?
- v. Explain the function of stomata in leaf.