



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

SUBJECT: ENGLISH

Time: 30 Minutes

Maximum Marks: 25

ATTEMPT ALL QUESTIONS

Q. 1 Do as directed. [5]

- a. I shall reach _____ time. (Use correct preposition)
- b. There is a _____ hope of his recovery. (Use a suitable adjective)
- c. If he _____ completed his assignment, he would not have been punished.
(Fill in the blank with correct auxiliary verb)
- d. Adil joined the army last year. (Change into negative)
- e. The correct spelling is:
(a) Corruption (b) Corroption

Q. 2 Change the narration of the following sentences: [3]

- a. Khalida said, "It is knowing".
- b. My father says, "Always speak the truth".
- c. He said to friend, "Your son is more intelligent than to me".

Q. 3 Punctuate the following lines. [3]

yasir went to visit a nearby market with his uncle he was very happy to see different types of things wow what a beautiful city it is he said to his uncle

Q. 4 Use the following idioms into sentences: [2]

- a. bag and baggage
- b. chicken hearted

Q. 5 Read the paragraph thoroughly and answer the questions given below in complete sentence / sentences. [5]

Mary was a tall lady who lived in a big house near the sea. She liked to go fishing and, she worked as a house painter for a living. Mary did not need a ladder because she was so tall. Sometimes she could not fit through the doorways of stores and houses because of being tall. When Mary came home from work each day, she would sit in her backyard, and watch dolphins swim by. Harry was a short man who owned a paint store. His friend, tall Mary would come by almost every day to buy paint for her job. Sometimes they would laugh because Mary had to bend down to get through the front door of the store. Harry did not like to paint, but he would often go fishing with Mary. They were very good friends!

- a. In this story, how are Mary and Harry different? (1.5)
- b. What makes them laugh when Mary comes to Harry's store? (1.5)
- c. What does Mary do when she goes home from work? (2)

Q. 6 Write a paragraph on the disadvantages of excessive use of mobile phone. [7]



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SUBJECT: GENERAL SCIENCE

Time: 30 Minutes

Maximum Marks: 20

ATTEMPT ALL QUESTIONS

- Q. 1** **Encircle the correct option.** **[5]**
- i. Which cell has no nucleus?
- A. red blood cell B. muscle cell
- C. fat cell D. nerve cell
- ii. Which nutrient gives instant energy to the body?
- A. fats B. carbohydrates
- C. proteins D. vitamins
- iii. The deficiency of protein causes which disease?
- A. marasmus B. kwashiorkor
- C. scurvy D. rickets
- iv. Bones are joined to muscles by which structure?
- A. joints B. tendons
- C. ligaments D. tissues
- v. Which one has potential energy?
- A. car at rest B. basketball in air
- C. a spring D. book lying on ground
- Q. 2** What is the function of skeleton in our body? **[3]**
- Q. 3** Explain the difference between kinetic energy and potential energy. **[3]**
- Q. 4** What causes acid rain in our atmosphere? **[3]**
- Q. 5** Define adaptation. Give adaptation of fish moving in water? **[3]**
- Q. 6** Define fractional distillation? **[3]**



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

SUBJECT: MATHEMATICS

Time: 30 Minutes

Maximum Marks: 20

ATTEMPT ALL QUESTIONS

Q. 1 Encircle the correct option.

[5]

- i. The equation of a function is $y = -4x + 5$ find the value of y when $x = -5$
A. -3 B. 3 C. -25 D. 25
- ii. $3^2 \times 3^3 \times \frac{1}{3^4} = ?$
A. 1 B. 3 C. 9 D. 27
- iii. _____ is neither Prime nor composite number.
A. 1 B. 11 C. 1111 D. 11111
- iv. Total surface area of a closed cylinder =
A. $2\pi r(r + h)$ B. $2\pi r^2 + \pi rh$ C. $2\pi r^2$ D. $2\pi rh$
- v. The sum of interior angles of a triangle is 180° and sum of the interior angles of a quadrilateral is 360° . What is the sum of interior angles of a Octagon?
A. 900° B. 1080° C. 1260° D. 1440°

Q. 2 There are 14 boarders, 10 day scholar and 6 day boarders students in class PJC4. Find the percentage of (i) Boarder students (ii) Day Scholar and (iii) Day Boarder students in a class.

[3]

Q. 3 Two numbers are in the ratio $3 : 4$. If the sum of numbers is 63, find the numbers.

[3]

Q. 4 Solve: $\frac{2x + 3}{x - 1} = \frac{2}{3}$

[3]

Q. 5 What is the 30^{th} and 105^{th} terms of the sequence: 1, 4, 7, 10,?

[3]

Q. 6 In the following figure, if $AB \parallel CD$. Find the values of a , b and c ?

[3]

