



# **ARMY BURN HALL COLLEGE FOR BOYS**

## **Entry Test – Class Pre JC-III (Model Paper)**

### **SUBJECT: ENGLISH**

**Time: 30 Minutes**

**Maximum Marks: 20**

### **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. [10]**

Ruth Katharina Martha Ptan, lived through the calamities of World War II. Her home was damaged, her baby brother became ill and died and she herself barely survived the bombing attacks. She decided to attend the patients of a deadly disease, leprosy. It is a chronic disease which affects the skin, nerves linked to nose, ears, eyes and surfaces of the upper respiratory tract. The disease becomes a stigma — as people around the patients do not like to attend them for fear of catching the disease. In fact, in the past, these patients were forced to live in isolation outside the villages and towns.

#### **Questions:**

- a. Summarize the passage and also suggest a suitable title. **[3+1]**
- b. List the symptoms of leprosy. (any two) **[1]**
- c. Leprosy was considered a stigma. Explain. **[3]**
- d. Write down the meanings of the following words according to the context. **[2]**
  - (i) calamities \_\_\_\_\_
  - (ii) chronic \_\_\_\_\_

**Q. 2 Write an email to your friend requesting him to spend winter vacation With you. [5]**

**Q. 3 Write down a paragraph on any one of the following topics (50 – 70 words): [5]**

- (a) Cleanliness is Next to Godliness
- (b) Duties of a Good Citizen



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**ATTEMPT ALL QUESTIONS**

**Q. 1    Encircle the correct option. [5]**

i.        Probability of getting an odd number when rolling an ordinary fair dice is:

- A.  $\frac{1}{6}$                       B.  $\frac{1}{2}$                       C.  $\frac{4}{6}$                       D.  $\frac{0}{6}$

ii.       Round off correct to 2 significant figures: **1530**

- A.    1550                      B.    1400                      C.    1500                      D.    1600

iii.       H.C.F of 16 and 48 is:

- A.    16                      B.    8                      C.    12                      D.    48

iv.       Subtracting three from twice a number is:

- A.     $3 - 2x$                       B.     $2(x - 3)$                       C.     $2x - 3$                       D.     $3(x - 2)$

v.       Expanding  $-2(-a + 5)$  is:

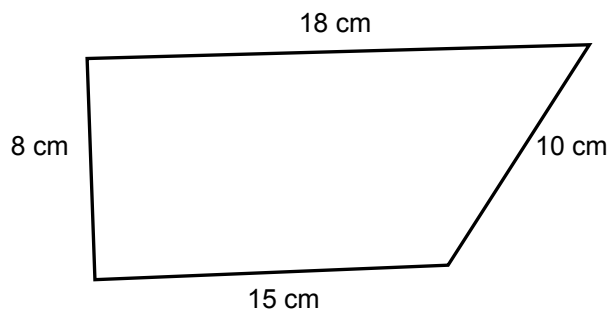
- A.     $2 + a - 5$                       B.     $2a - 10$                       C.     $-2a - 10$                       D.     $2a + 10$

**Q. 2    Find 0.25% of 600. [3]**

**Q. 3    Find the value of  $\frac{-7a+4b}{5a-b}$  when  $a = -2$  ,  $b = -1$ . [3]**

**Q. 4    A car travels with the speed of 60 km/hr. How many metres will it travel in 25 minutes. [3]**

**Q. 5    Find the perimeter of the following figure. [3]**



**Q. 6    A machine can produce 180 yards in 01 hour. How much fabric can the machine produce in 2 minutes. [3]**



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**ATTEMPT ALL QUESTIONS**

**Q. 1 Encircle the correct option.**

**[5]**

- i. Which organelle is not present in an Animal Cell?  
A. Cell wall                      B. Nucleus  
C. Mitochondria                D. Cell membrane
- ii. Which cell absorbs and transport oxygen?  
A. Fat Cell                      B. Skin Cell            C. Red Blood Cell            D. Cardiac Cell
- iii. When does a solar eclipse occurs?  
A. When the Earth comes in between Moon and Sun.  
B. When the Moon comes in the middle of Earth and Sun.  
C. When the Earth, the Moon and the Sun lie in straight line.  
D. When the Moon blocks the light from the Sun.
- iv. When solid directly changes into gas, what this state of change is called?  
A. Condensation            B. Sublimation            C. Evaporation            D. Melting
- v. Where does the exchange of oxygen and carbon dioxide occurs?  
A. In nasal cavity            B. In troche  
C. In alveoli                      D. In lungs

**Q. 2 Give short answers to the following questions.**

**(5×3 = 15)**

- i. Give some examples of non-renewable sources of energy?
- ii. Explain the adaptations of desert animals?
- iii. Describe the difference between Aerobic and Anaerobic Respiration?
- iv. What are the characteristics of Group IA elements?
- v. Describe three methods to reduce friction.