

## Sample paper

### Cadet College Panjgur English Part

#### Choose the correct option

(1x5=5)

- 1) Haroon Rashid was a -----  
a) Slave                      b) Caliph  
c) King                        d) Scholar
- 2) Poet name of poem "The cock is crowing" is  
a) C. Alexander              b) Irene Thompson  
b) William words worth    d) Leigh Hunt
- 3) She ----- cricket match weekly.  
a) Play                        b) Plays  
c) Playing                    d) have played
- 4) ----- is the name of person place and thing  
a) Noun                        b) Verb  
c) Pronoun                    d) Adjective
- 5) ----- is used on the place of noun  
a) Noun                        b) Verb  
c) Pronoun                    d) Adjective

#### Translate the following into English

(2x1=2)

- وہ اپنا گھر کا کام مکمل کر چکا ہے    6) -----
- اُس نے دو پہر کا کھانا پکایا        7) -----

#### Write Masculine of the following

(3x1=3)

- 8) Son -----
- 9) Boy -----
- 10) King -----

#### Write plural of the following

(3x1=3)

- 11) Animal -----
- 12) Machine -----
- 13) Man -----

**Complete the spelling of the following**

**(3x1=3)**

14) Sch \_ ol

15) Coun \_ ry

16) Pakist \_ \_

**Translate the following into Urdu**

**(3x1=3)**

17) Ali is going to School -----

18) We love our Country -----

19) I am reading a book -----

**Short Questions**

**(Any Three)**

**(3x2=6)**

Qno1; Define Noun?

Ans: -----  
-----

Qno 2; who was the first woman who embraced Islam?

Ans; -----  
-----

Qno3; who was Haroon Rashid?

Ans; -----  
-----

Qno4; what types of trees are found in the Ziarat valley?

Ans; -----  
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**MATH PART**

26) Set of first three whole numbers: (5x1=5)

- a) {1, 2, 3}                      b) {0, 1, 2}  
c) {0, -1, -2}                    d) {-1, -2, -3}

27) The prime factorization of 36 is;

- A) 4x9                                      b). 2x2x9  
C) 4x3x3                                  D) 2x2x3x3

28)  $6 \div 2 - 5 + 1$  is equal to:

- a) 3    b) -3  
c) 1    d) -1

29)  $2 \times 0 - 0 \times 3$  is equal to:

- a) -1                                        b) 3  
c) 2    d) 0

30). ----- the additive inverse of +6 is;

- a) +6                                        b) -6  
c)  $\frac{1}{6}$     d)  $-\frac{1}{6}$

**Fill in the blanks** (5x1=5)

- 31)  $a+b = \text{-----} + a$   
32) ----- = Selling Price - cost price  
33)  $Y^2 - Y^2 = \text{-----}$   
34) Volume = Length x Width x -----  
35)  $2y + 2y = \text{-----}$

**Write True and False of the following** (5x1=5)

- 36)  $3\frac{1}{2}$  = is a mixed Fraction \_\_\_\_\_  
37)  $8^2 = 63$  \_\_\_\_\_  
38) “>” shows less than \_\_\_\_\_  
39)  $(2+3) + (3+3) = 12$  \_\_\_\_\_  
40) Loss = selling price + cost price \_\_\_\_\_

**Short Questions**

**(Any Five)**

**(2x5=10)**

Qno1; Find the LCM of 8, 6 and 4

Ans;

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Qno 2; Amjad bought a bicycle for Rs, 6000. If loss is Rs, 1000, then find the selling price.

Ans;

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Qno 3; Write formula of Square

Ans;

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Qno4; **Simplify the following algebraic expressions.**

$$(2z+4z)+ (4a+a)$$

Ans;

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Qno5; Find the area of a rectangle whose length 11cm and width 6cm.

Ans:

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Qno6; **Prove and name the property also.**

$$(5 + 4) + 7 = 5 + (4 + 7)$$

Ans

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## Science Part

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

**(5x1=5)**

- 51) There are three bones in the ear where are these located?  
a) Outer ear                      b) Middle ear  
c) Inner ear                        d) Auditory nerve
- 52) What is method of separating the components of mixture?  
a) Filtration    b) Sublimation  
c) Distillation   d) All of them
- 53) The example of renewable energy source is.  
a) Coal                                b) Natural gas  
c) Air                                  d) Petrol
- 54) The back and forth motion of the object is called:  
a) Speed                              b) Vibration  
c) Moving ground                  d) Circular Motion
- 55) Nerve carrier's messages from the eye to the brain are called:  
a) Olfactory nerve                  b) Spinal nerve  
c) Auditory nerve                    d) Optic nerve

### Fill in the Blanks

**(5x1=5)**

- 56) The animals which eat plant only are called. -----
- 57) In rainbow ----- Colors Appear
- 58) The percentage of oxygen in the air is-----
- 59) The solution in which water is used as a solvent are called -----
- 60) The energy in an object due to motion is called-----

### Write True/False

**(5x1=5)**

- 61) The power house of the cell is called Ribosomes -----
- 62) Bacteria and fungi are Herbivore -----
- 63) The number of naturally occurring elements is 109 -----
- 64) Symbol Of carbon is "C" -----
- 65) Hammer is an example of wheel and axle system -----

**Short Questions (Any Five)**

**(2x5=10)**

Q no1; what is sublimation?

Ans; -----  
-----

Qno2; what do mean by noble gases?

Ans; -----  
-----

Qno3; what is concentrated solution?

Ans -----  
-----

Qno4; what is meant by energy converter?

Ans -----  
-----

Qno4; what is diffused reflection?

Ans -----  
-----

Qno5; Define cell membrane.

Ans -----  
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Qno6; Define Xylem and phloem briefly.

Ans ;-----  
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