# USWA COLLEGE ISLAMABAD



# MODEL PAPERS

## For

## Class 7<sup>th</sup> & 8<sup>th</sup>

# USWA COLLEGE ISLAMABAD
## English 7<sup>th</sup>

**Time Allowed: 1 Hour**                                             **Marks: 60**

Name _____     Father's Name _____     Roll No. _____

Centre _____     Signature of the student _____

_____

***Note:*** *All parts are to be answered on the question paper itself except the last question which is to be answered on the answer sheet. Deleting / overwriting is not allowed. Do not use lead pencil.*

Q.1     Write the correct form of the verb given in brackets.    (5)

      i.     *Neither Azam nor I (am/is/are) going to party.* _____

      ii.     *Everybody (like/likes/liking) the new building.* _____

      iii.     *He (is/was/has been) sleeping for one hour.* _____

      iv.     *Did you (know/known/knew) the rules?* _____

      v.     *They (will/will be/will have) responsible for this.* _____

Q. 2     Fill in the blanks with correct words given at the end:                    (6)

    *One ----- day, a thirsty crow flew all over the fields in ------ of water. For a long time, it could not*

    *------ any. It felt very weak and --------.Suddenly, it saw a water jug below in a garden. It flew*

    *down ------- if there was any water inside. -------, it could see some water inside the jug!*

    *( hopeless/ yes/ search/ to see/ hot/ find )*

Q. 3 a. Give the 2<sup>nd</sup> & 3<sup>rd</sup> form of the given verbs:                    (3)

    *Find ----------,------------ Speak-----------,------------ Go-------------,--------------*

  b. Give plural of the following.                    (3)

    *Mouse,---------------- Child,----------------- Foot,--------------*

  c. Give the Opposites of the given words                    (4)

    *Good/-----------,Clean/------------,Add/------------, Failure/----------*

Q. 4   Do as directed:                                                                          (6)

I.      *He told me your address. (Change into negative)*

_____

II.     *Everybody liked this policy. (Change into the present indefinite tense)*

_____

III.    *They show him their stamps. (Change into interrogative)*

_____

IV.     *The peon opened the door (Change into passive)*

_____

V.      *--------- is knocking at the door? (Use a question word)*

_____

VI.     *Will you look ---------- my bag for some time? (up , after, for, by)*

_____

Q. 5   Use correct form of verb:                                               (4)

1.      *He _____ (drink) Milk every day.*

2.      *They _____ (build) the bridge for two months.*

3.      *The clock _____ just _____ (strike) Twelve.*

4.      *The village _____ (destroy) during the war.*

Q. 6   Fill in the blanks with 'a' 'an' 'or' the'.                               (4)

a)      *He is ............ honest boy.*

b)      *Rawalpindi is one of ............ biggest cities of Pakistan.*

c)      *............ earth is a planet.*

d)      *Please, give me ............ bag of flour.*

Q. 7   Fill in the blanks with suitable prepositions.                    (4)

a)      I congratulated him ............ his success.

b)      He came ............ the room

c)      Can you climb.......... A tree?

d)      We write......... a pen.

Q. 8   Supply the Missing Letters in the following words.           (4)

1.      N _ r v _ us            2. A n c _ _ n t        3.  B e l _ _ v e            4. P l _ _ s a n t

Q. 9    Translate into URDU:                                    (5)

        i.    He is an intelligent child.

        _____

        ii.    Let's go to the garden for the morning walk.

        _____

        iii.    Sit down and rest for a minute.

        _____

        iv.    He is driving the car very fast.

        _____

        v.    Have you worked hard for the test?

        _____


Q. 10    Translate into ENGLISH:                               (5)

۱۔ کیا آج آسمان پر بادل ہیں؟

_____

۲۔ خدا ان کی مدد کرتا ہے جو اپنی مدد آپ کرتے ہیں۔

_____

۳۔ ایک بچہ دروازے پر دستک دے رہا تھا۔

_____

۴۔ تم نے اپنا کام مکمل کیوں نہیں کیا؟

_____

۵۔ ہمیں پاکستان سے محبت کرنی چاہئے۔

_____


Q. 11    Write a paragraph on any ONE of the following in about 60 – 75 words (on Answer Sheet):    (7)

        A) The Holy Prophet(PBUH)            B) My Parents            C) My City or Village

**Time Allowed: 30 Minutes** _____

Name _____    Father's Name _____    Roll No. _____

Centre _____    Signature of the student _____

_____

***Note:*** *All parts are to be answered on the question paper itself. Deleting / overwriting is not allowed. Do not use lead pencil.*

**Q. 1**    ***Four options are given for each. Tick (  ) the correct options.***    ***(1 X 20 = 20)***

i)    To represent the equivalent sets, we use the symbol

A) =    B) ∈    C) ↔    D) ⊂

ii)    To represent ***"is greater than or equal to"*** we use the symbol

A) =    B) >    C) ≥    D) ≤

iii)    To represent the set of odd numbers, we use the letter

A) E    B) O    C) N    D) W

iv)    If $A = \{1, 2, 3, 4\}$; $B = \{1, 2, 3\}$ i.e $A \supseteq B$, then A is called _____ of B

A) Equal set    B) Proper subset    C) Super set    D) Equivalent

v)    The whole numbers smaller than 5 are _____

A) 1,2,3,4,5    B) 1,2,3,4    C) 0,1,2,3,4,5    D) 0,1,2,3,4

vi)    _____ is known as multiplicative identity.

A) 0    B) 1    C) 2    D) – 1

vii)    The L.C.M of 9, 12 and 18 is _____

A) 6    B) 12    C) 18    D) 36

viii)    - 9 ☐ 1

A) >    B) <    C) ≥    D) ≤

ix)    10 **:** 15 is an equivalent ratio of

A) 2 **:** 3    B) 2 **:** 5    C) 5 **:** 2    D) 5 **:** 3

*P.T.O*

x)     15 % of 40 = _____

A) 6            B) 9            C) 600          D) $\dfrac{5}{8}$

xi)    1 % of 1000 means

A) 1            B) 10           C) 100          D) 1000

xii)   _____ is only even number

A) 1            B) 2            C) 0            D) – 1

xiii)  There are _____ kinds of brackets.

A) 1            B) 2            C) 3            D) 4

xiv)   1 Hectare = _____

A) 1000 $m^2$       B) 10,000 $m^2$     C) 100 $m^2$        D) 10 $m^2$

xv)    If $\dfrac{x}{2} + 3 = 5$ then $x$ = _____
A) 1            B) 2            C) 7            D) – 7

xvi)   A line segment has _____ end points.

A) No           B) 1            C) 2            D) 3

xvii)  The area of square of side 3 cm is _____.

A) 3            B) 6            C) 9            D) 12

xviii) A quadrilateral with only two parallel sides is called _____

A) square       B) rectangle    C) parallelogram    D) trapezium

xix)   Volume of cube with side 1 m will be _____.

A) 3 m          B) 2 m          C) 1 $m^2$          D) 1 $m^3$

xx)    Data can be classified into parts.

A) 1            B) 2            C) 3            D) 4

**Q. 2   Fill in the blanks.**                                   *(1 X 10 = 10)*

i)     A _____ can be either true or false.

ii)    pq.pq.pq = _____.

*P.T.O*

iii) The solution of $2x+4=14$ is _____ .

iv) The two angles of the same measurements are called _____ angles.

v) The sum of internal angles in a triangle is always _____

vi) Area of the triangle = _____

vii) A cuboid is a solid figure formed by _____ rectangular surfaces.

viii) Product of two numbers = _____ .

ix) The equation which contains a single variables with the greatest exponent of 1 is called ____ in one variable.

x) A quantity which has a fixed numerical value is called _____ .

**Q. 3** *True / False* *(1 X 10 = 10)*

| S. No. | Statement | True | False |
|---|---|---|---|
| i) | Perimeter of square = Side X Side | | |
| ii) | Area of rectangle = parallelogram | | |
| iii) | The terms of the same kind only differ by their coefficients are called like terms | | |
| iv) | If $A=\{1,2\}, B=\{1,2,3\}$ then A is super set of B | | |
| v) | 1 is additive identity | | |
| vi) | A number having exactly two factors 1 and the number itself is called whole numbers | | |
| vii) | Direct proportion is a relation in which one quantity increases or decreases in a same proportion | | |
| viii) | If cost price is greater than sale price then it is called loss | | |
| ix) | If $a=2, b=2, c=2$ then $abc=6$ | | |
| x) | $a^2-b^2=(a-b)^2$ | | |

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## Time Allowed: 30 Minutes

**Note:** *Attempt any FOUR questions.* *(4 X 5 = 20)*

**Q. 4** *Simplify :* $0.6 \times \left[ 3.9 \times \left\{ 0.5328 \div (0.1 + 0.01 + 0.001) \right\} \right]$

**Q.5** *Find the solution of following equation and verify the solution :* $\dfrac{x+6}{2} = \dfrac{x+4}{3}$

**Q. 6** *Construct the following triangle by using a pair of compasses and a ruler*

$$m\overline{XY} = 5.5cm; m\overline{YZ} = 6.6cm; m\angle XYZ = 45°$$

**Q. 7** *The area of a triangular field is 108 m and height is 12 m$^2$. Find the base of the field.*

**Q. 8** *What must be subtracted from* $p^5 + p^4 + p^3 + p^2 + p + 1$ *to get* $p^5 + 1$

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**Time Allowed: 25 Minutes**                     Objective

Name _____          Father's Name _____          Roll No. _____

Centre _____          Signature of the student _____

_____

***Note:*** *All parts are to be answered on the question paper itself. Deleting / overwriting is not allowed. Do not use lead pencil.*

_____

**Q. 1**   ***Four options are given for each. Tick (   ) the correct options.***          ***(1 X 20 = 20)***

   i)   In a pie graph the central angle measures:

      *A) 90°*                *B) 180°*                *C) 240°*                *D) 360°*

   ii)   In the class interval (6 – 14 ) the lower class limit is

      *A) 7*                *B) 14*                *C) 6*                *D) 15*

   iii)   The circumference of a circle with radius $\dfrac{7}{22}$ m is:

      *A) 1 m*                *B) 2 m*                *C) 3 m*                *D) 4 m*

   iv)   Curved surface area of a cylinder is

      *A) □r²*                *B) 2□rh*                *C) 2□r(r + h)*                *D) 2□r*

   v)   In an isosceles triangle the angle formed by its legs is called:

      *A) base angle*                *B) vertex angle*                *C) acute angle*                *D) obtuse angle*

   vi)   Two line segments $\overline{AB}$ and $\overline{CD}$ are congruent if:

      *A) $m\overline{AB} > m\overline{CD}$*                *B) $m\overline{AB} < m\overline{CD}$*                *C) $m\overline{AB} = m\overline{CD}$*                *D) $m\overline{AB} \neq m\overline{CD}$*

   vii)   The symbol for similarity of figures is

      *A) O*                *B) ≈*                *C) ≅*                *D) ∩*

   viii)   The solution of $-\dfrac{1}{2}+3x=1$

      *A) $\dfrac{1}{2}$*                *B) $-\dfrac{1}{2}$*                *C) $\dfrac{3}{2}$*                *D) $-\dfrac{3}{2}$*

   ix)   The factors of $a^2-9$ are

      *A) $(a+9)(a-9)$*                *B) $(a+3)(a-3)$*                *C) $(a-3)(a-3)$*                *D) $(a-9)(a-9)$*

x)     A polynomial having three terms is called

       A) monomial          B) binomial          C) biracial          D) trinomial

xi)    Islam has fixed the rate of Zakat

       A) 5 %               B) 7.5 %             D) 10 %              D) 2.5 %

xii)   When we convert 36 km / hr into m / sec, we get

       A) 10 m / sec        B) 5 m / sec         D) 1 m / sec         D) 10 m / sec

xiii)  The reciprocal of $(\frac{p}{q})^{-m}$ is

       A) $(\frac{p}{q})^m$          B) $(\frac{q}{p})^m$          D) $(\frac{q}{p})^{-m}$          D) $(\frac{1}{pq})^m$

xiv)   $(-a)^n$ is positive if n is

       A) prime             B) odd               D) composite         D) even

xv)    A rational number is terminating decimal, if its denominator has no prime factor other than

       A) 2 and 3           B) 3 and 5           D) 2 and 5           D) 2 and 7

xvi)   $(3^0 + 2^0) \div 7^0 = ?$

       A) $\frac{7}{5}$          B) $\frac{1}{2}$          D) $\frac{5}{7}$          D) 2

xvii)  The multiplication inverse of $-\frac{2}{5}$ is

       A) $-\frac{1}{2}$          B) $\frac{5}{2}$          D) 5          D) $-\frac{5}{2}$

xviii) $\frac{-8}{7} \div \frac{16}{7} = $ _____

       A) $\frac{1}{2}$          B) $\frac{3}{2}$          D) $\frac{-3}{2}$          D) $\frac{-1}{2}$

xix)   The complement of a set A can be written as

       A) $B / A$           B) $B^c / A^c$           D) $n(A)$           D) $\Phi$

xx)    $A^c \cap A = $ _____

       A) $U$               B) $\Phi$               D) $A$               D) $A^c$

**Q. 2**  *Fill in the blanks.*                                                                    *(1 X 10 = 10)*

      i)        The _____ inverse of a rational number is its reciprocal.

      ii)      A _____ decimal may be recurring or non-recurring.

      iii)    _____ is read as "nth Power of a"

      iv)    4, 9, 16, 25, . . . are called _____.

      v)     Distance is directly proportion to the _____ and speed.

      vi)    Product of means is equal to _____.

      vii)   $(a-b)^2 = $ _____.

      viii)  Addition of the _____ to both sides of an equation does not affect its quality.

      ix)    Two figures are congruent if they are same in _____ and _____.

      x)     A polygon with three sides and three vertices is called a _____.

**Q. 3**  *True / False*

| S. No. | Statement | True | False |
|--------|-----------|------|-------|
| (i) | Area of the circular region is $2\pi r^2$ | | |
| (ii) | An equilateral triangle can be constructed if the length of its one side is given. | | |
| (iii) | From the vertical angles we mean angles next to each other. | | |
| (iv) | Two ratios of three quantities can be combined into a continued ratio to express the relation of these quantities. | | |
| (v) | The prime factors of a perfect square are always in the pair. | | |
| (vi) | To find the square root of a mixed fraction, we convert it into an improper fraction. | | |
| (vii) | $\sqrt{a \times b} = \sqrt{a} + \sqrt{b}$ | | |
| (viii) | The exponent of a number tells us how many time a number (base) is multiplied with itself. | | |
| (ix) | In any rational number $\dfrac{p}{q}$, q can be zero. | | |
| (x) | $A \cap B = \phi$, if A and B are overlapping sets. | | |

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# USWA COLLEGE ISLAMABAD
## Science 7th

**Time Allowed: 30 Minutes**                                    **Marks 30**

Name _____     Father's Name _____ Roll No. _____

Centre _____     Signature of the student _____

**Note:** *All parts are to be answered on the question paper itself. Deleting / overwriting is not allowed. Do not use lead pencil.*

**Q. 1    Choose the correct option**                                      **(5x2=10)**

(i)      Animals do not make their own food because they do not have:

      *(a) Chloroplast*    *(b) centrioles*    *(c) vacuoles*    *(d) mitochondria*

(ii)     Which sense organ also act as a sense organ for temperature

      *(a) Ear*    *(b) nose*    *(c) eye*    *(d) tongue*

(iii)    Which substance is compound?

      *(a) Chlorine*    *(b) sodium*    *(c) carbon*    *(d) sodium chloride*

(iv)     A brick placed at some height possess:

      *(a) Kinetic energy*    *(b) electrical energy*    *(c) potential energy*    *(d) nuclear energy*

(v)      The objects through which light cannot pass are called

      *(a) Luminous*    *(b) non Luminous*    *(c) transparent*    *(d) translucent*

**Q. 2    Write proper term or word against each statement/sentence (05)**

(i)      Speed of sound in it is 350 meter per second-----------------------------------

(ii)     The animals that can eat both plants and animals----------------------------

(iii)    Building blocks of matter---------------------------------

(iv)     A mirror that mostly forms real images -------------------------------

(v)      Process of producing energy by the use of glucose and oxygen--------------------

**Q. 3    Put (T) on true and (F) against false statement (05)**

(i) Nervous system consists of brain spinal cord and nerves (  )

(ii) When two or more than two elements combine in a fixed ratio they form a mixture (  )

(iii) Energy is ability to do work (  )

(iv)The substance in less amount is called solute (  )

(v) The kind of pulley having hook to tie the load is fixed pulley (  )

وقت 1 گھنٹہ        پرچہ اردو ہفتم        کل نمبر 50

(10) سوال نمبر 1۔ درج ذیل میں سے کسی پانچ کی تعریف کریں اور دو دو مثالیں دیں۔

(i) کلمہ    (ii) خطاب    (iii) اسم اشارہ    (iv) ضمیر فاعلی

(v) ظرف زماں    (vi) اسم مصدر    (vii) اسم مکبر

(10) سوال نمبر 2۔ درج ذیل میں سے کوئی سے پانچ الفاظ کے جمع اور جمع الجمع لکھیں۔

(i) خبر    (ii) دوا    (iii) رسم

(iv) رقم    (v) فیض    (vi) وجہ

(05) سوال نمبر 3۔ درج ذیل مذکر الفاظ کے مونث لکھیں۔

(i) دیور    (ii) ماموں    (iii) خان    (iv) داماد    (v) خادم

(05) سوال نمبر 4۔ درج ذیل الفاظ کے متضاد لکھیں۔

(i) آغاز    (ii) قوت    (iii) دیں دار    (iv) امانت    (v) رغبت

(10) سوال نمبر 5۔ دوست کے نام خط لکھیں جس میں اسے گاؤں میں چھٹیاں گزارنے کی دعوت دیں۔

(10) سوال نمبر 6۔ عنوان "سچ میں برکت ہے" پر کہانی لکھیں۔

**Time Allowed: 1 hour**                                        **Marks: 60**

Name _____          Father's Name _____          Roll No. _____

Centre _____          Signature of the student _____
_____

***Note:*** *All parts are to be answered on the question paper itself except the last question which is to be answered on the answer sheet. Deleting / overwriting is not allowed. Do not use lead pencil.*
_____

**Q-1.**   Match the words from list "A" with their similar meaning in list "B"          (5)

|    | **List A** | **List B** | **List C** |
|----|-----------|-----------|-----------|
| a. | Create    | Reach     | -------------- |
| b. | Arrive    | Period    | -------------- |
| c. | Era       | Behaviour | -------------- |
| d. | Kill      | Make      | -------------- |
| e. | Attitude  | Murder    | -------------- |

**Q-2.**   Use the following words in meaningful sentences:                    (5)

(1)   In spite of : _____

_____

(2)   Possible: _____

_____

(3)   Destroy: _____

_____

(4)   Absence : _____

_____

(5)   Informative: _____

_____

**Q-3.**   (a) Change into Indirect Narration:  (7.5)

   a.   He said, "I know her address."

_____

   b.   She said to me "Honesty is the best policy".

_____

c. He says, "Where are my new shoes?"

_____

d. She said to him, "I do not like cabbage."

_____

e. We said, "Hurrah! Pakistan has won the match."

_____

(b) Change the following sentences into the passive voice:     (7.5)
1. She was preparing coffee.

_____

2. I know your science teacher very well.

_____

3. The hunters will kill the man-eating leopard.

_____

4. The car hit the dog.

_____

5. The student can answer this questions.

_____

(c) Arrange the given words to form meaningful sentences:     (4)
I.      a, of, the, is, society, member, farmer, useful.

_____

II.     am, hard, these, I, very, days, working.

_____

III.    you, cricket, Sunday, do, on, play?

_____

IV.     told, the, is, us, the, round, that, teacher, earth.

_____

Q-4     Do as directed:                                    (10)
a.      The child draws a picture.          (Change into past tense)

_____

b.      They opened the door.              ( Change into interrogative)

_____

c.      I saw the man _____ had been hurt. (which, who, whom)

_____

d.      You write a long letter.            (Change into interrogative)

_____

e.      The red book is on the round table.          (underline the nouns)

_____

f.   Choose the correct spelling     (corageous, couregious, courageous)

_____

g.   The plural of leaf is _____              (lives, leafs, leaves )

_____

h.   She makes a paper boat.              (change into negative)

_____

i.   The 2nd form of 'put' is ____         (putted, puted, put)

_____

j.   Which do you like: vegetable ------- meat?     (and, but, or)

_____


Q-5   Rewrite the following sentences correcting the underlined part. (The entire sentence must be written)     (3)
   1.   Arshad is the taller boy in the class.

   _____

   2.   My cousin brother lives in Islamabad.

   _____

   3.   He was walking slow .

   _____

Q-6.     Read the following paragraph carefully and answer the questions:   (4)

   The stars are made up of burning gases and have their own light. The sun is also a star. All the planets are move around the sun. These are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and Pluto. The stars are fixed. The nearest neighbour of the earth is the moon. The moon completes its movement around the earth in 29/30 days.

   I. The above paragraph is about:

   (a) hot planets          (b) weather and rains          (c) heavenly bodies          (d) moon and earth

.   II. Which of the following is stationary?

   (a) Earth               (b) Moon                (c) Mercury                (d) Sun

.   III. Which of the following has its own light?

   (a) Pluto               (b) Moon                (c) Mars                   (d) Sun

   IV. The nearest neighbour of the earth is:

   (a) Moon               (b) Mars                (c) Pluto                  (d) Venus

**Q-7** Translate into English: (6)

<div dir="rtl">
ایک آدمی جنگل سے گزر رہا تھا۔ اچانک اس کے سامنے ایک شیر آ گیا۔ وہ آدمی خوفزدہ ہو گیا لیکن حیرت کی بات تھی کہ شیر نے اس پر حملہ نہیں کیا۔ تھوڑی دیر کے بعد اس نے دیکھا کہ شیر کے پنجرے میں ایک بڑا سا کانٹا ہے۔ اس آدمی نے شیر کی مدد کرنے کا فیصلہ کیا۔
</div>

_____

_____

_____

_____

**Q-8** Write an essay of about 100 words on any ONE of the following topics (on ANSWER SHEET). (8)

    1. My Favorite Teacher        2. Pakistan        3. An Interesting Dream

## Time Allowed: 35 Minutes

**Note:** *Attempt any FOUR questions.*            *(4 X 5 = 20)*

**Q. 4**   **Prove that** $-\dfrac{5}{8}\times\left(\dfrac{4}{7}-\dfrac{2}{3}\right)=\left(\dfrac{-5}{8}\times\dfrac{4}{7}\right)-\left(\dfrac{-5}{8}\times\dfrac{2}{3}\right)$

**Q. 5**   **If 36 men can build a wall in 21 days, find how many men can build the same wall in 14 days.**

**Q. 6**   **Solve the following equation** $\dfrac{5}{2}\left(\dfrac{3}{2}-2x\right)+\dfrac{3}{2}\left(2x-\dfrac{5}{2}\right)=0$

**Q. 7**   **Simplify** $\left(x^2+y^2\right)(3x+2y)+xy(x-3y)$

**Q. 8**   **Divid a line segment of length 7.5 cm into 5 congruent parts.**

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**Q. 4    Attempt any five of the following (5x2=10)**

(i)      Write laws of reflection

----------------------------------------------------------------------------------------------------

----------------------------------------------------------------------------------------------------

(ii)     Define renewable sources of energy? Write three examples of these

----------------------------------------------------------------------------------------------------

----------------------------------------------------------------------------------------------------

(iii)    Write names of major organs systems in plants

----------------------------------------------------------------------------------------------------

----------------------------------------------------------------------------------------------------

(iv)     Name biotic components of environment

----------------------------------------------------------------------------------------------------

----------------------------------------------------------------------------------------------------

(v)      What is the difference between atom and molecule?

----------------------------------------------------------------------------------------------------

----------------------------------------------------------------------------------------------------

(vi)     Define   (a) saturated solution    (b) unsaturated solution

----------------------------------------------------------------------------------------------------

----------------------------------------------------------------------------------------------------

(vii) What are artificial satellites?
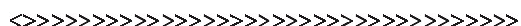
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**Time Allowed: 30 Minutes**                                             **Marks 30**

Name _____          Father's Name _____ Roll No. _____

Centre _____          Signature of the student _____

***Note:*** *All parts are to be answered on the question paper itself. Deleting / overwriting is not allowed. Do not use lead pencil.*

**Q. 1    Choose the correct option (5x2=10)**

(i)      Air is moistened, filtered and warmed in

*(a) Mouth*          *(b) Nose*          *(c) oesophagus*          *(d) stomach*

(ii)     The sticky part of flower is called

*(a) sepal*          *(b) stamen*          *(c) stigma*          *(d) ovary*

(iii)    Valency of calcium is

*(a) +3*          *(b) +2*          *(c) +1*          *(d) -1*

(iv)    For a critical angle, angle of refraction is

*(a) $60^0$*          *(b) $45^0$*          *(c) $90^0$*          *(d) $30^0$*

(v)     Resistance of a conductor depends upon

*(a) Density of wire*      *(b) thickness of wire*    *(c) speed of flow of charges*    *(d) length of pipe*

**Q. 2    Write proper term or word against each statement/sentence (05)**

(i)      A large group of stars, gas and dust-----------------------------------

(ii)     A blood vessels which supply blood only to heart-----------------------------

(iii)    The transfer of heat by direct contact of molecules -----------------------------------

(iv)    A substance which adds minerals to soil -------------------------------

(v)     The highness and lowness of sound--------------------

**Q. 3    Put (T) on true and (F) against false statement (05)**

(i)  The flow of charges through conductor is called current (  )

(ii)  The colour of object is the colour of light it refracts (  )

(iii) $C_6H_{12}O_6$ is chemical formula for glucose (  )

(iv)The process of addition of impurities in water is called distillation (  )

(v) The death of a part of heart is called heart attack (  )

**Q. 4    Attempt any five of the following (5x2=10)**

(i)     What do you mean by oxygenated blood? (2)

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(ii)    Define (a) sperm (b) an egg (1+1)

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(iii)   How are cations and anions formed? (1+1)

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(iv)    Differentiate between reversible and irreversible changes. (1+1)

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(v)     Define refractive index (2)

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(vi)    Why is resistance offered by a conductor to the flow of current? (2)

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(vii)   What is neutron star? How are black holes formed? (1+1)

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وقت 1 گھنٹہ پرچہ اردو ہشتم کل نمبر 50

**سوال نمبر 1۔** درج ذیل میں سے کوئی سے پانچ (5) سوالات کے مختصر جوابات دیں۔ (10)

(i) حمد اور نعت میں کیا فرق ہے؟ (ii) لوگ دیہات سے شہر کی طرف نقل مکانی کیوں کرتے ہیں؟

(iii) "نظم و ضبط" کا کیا مفہوم ہے؟ (iv) یوم ارض کب اور کیوں منایا جاتا ہے؟

(v) پاکستانی پرچم کا ڈیزائن کس نے تیار کیا؟ (vi) قافیہ اور ردیف کی تعریف کریں۔

(vii) درخت کاٹنے سے کیا نقصان ہوتا ہے؟

**سوال نمبر 2۔** درج میں سے کوئی سے دو (2) سوالات کے جوابات تحریر کریں۔ (10)

(i) اسم نکرہ کی اقسام بیان کریں۔ کوئی سی دو اقسام کی تعریف کریں اور مثالیں دیں۔

(ii) اسم علم کی اقسام بیان کریں اور تعریف کریں۔

(iii) کلمہ کی اقسام بیان کریں، تعریف کریں اور مثالیں دیں۔

**سوال نمبر 3۔** درج ذیل الفاظ و محاورات کو جملوں میں استعمال کریں۔ (05)

(i) چار چاند لگانا (ii) دو بھر ہونا (iii) شیرازہ بکھر جانا (iv) بول بالا (v) ہاتھ دھو بیٹھنا

**سوال نمبر 4۔** درج ذیل الفاظ کے جمع اور جمع الجمع تحریر کریں۔ (10)

(i) دوا (ii) خبر (iii) جوہر (iv) فیض (v) وجہ

**سوال نمبر 5۔** درج ذیل الفاظ کے متضاد لکھیں۔ (05)

(i) زبردست (ii) کثیر (iii) ہموار (iv) نشیب (v) طول

**سوال نمبر 6۔** درج ذیل میں سے کسی ایک عنوان پر (150) الفاظ پر مشتمل مضمون لکھیں۔ (10)

(i) میری پسندیدہ شخصیت (ii) وطن کی محبت