

# USWA COLLEGE ISLAMABAD



## Model Paper

**Class 8**

**Timing: 9:00 am to 12:30 pm**

Roll No.	
Centre	

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**Signature Invigilator**

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**Signature Candidate**

**USWA COLLEGE ISLAMABAD**  
***MODEL PAPER***  
**English 8<sup>th</sup>**

**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 .Deleting/overwriting is not allowed. Do not use lead pencil.*

Q1. Use the following words in sentences: (5)

(1) Advise: \_\_\_\_\_

\_\_\_\_\_

(2) Occupation : \_\_\_\_\_

\_\_\_\_\_

(3) Untidy : \_\_\_\_\_

\_\_\_\_\_

(4) Greedily: \_\_\_\_\_

\_\_\_\_\_

(5) Neither---nor: \_\_\_\_\_

\_\_\_\_\_

Q2. Arrange the given words to form meaningful sentences: (5)

(1) in/ boys/ afternoon/ the/ spent/ the/ park/ the.

\_\_\_\_\_

(2) often/ the/ she/ brother/ to/ younger/ class/ brings/ her.

\_\_\_\_\_

(3) we/ yesterday/ new/ learn/ many/ did/ words?

\_\_\_\_\_

(4) be/ four/ back/ you/ here/ must/ o'clock/ before.

\_\_\_\_\_

(5) harder/I/ working/ you/ been/ than/ have.

\_\_\_\_\_

Q3. Change the voice.

(7.5)

(1) My brother is painting the wall

---

(2). Blow out the candle.

---

(3) The ambulance was sent for by the doctor.

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(4) We shall discuss the matter tomorrow.

---

(5) Do you repair computers here?

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Q4. Change the following into indirect narration:

(7.5)

(1) The girl said, "I have kept the book in the cupboard".

---

(2) The doctor said, "I operated the patient in the morning."

---

(3) The examiner said to us, "Switch off your mobiles and put them on your table."

---

(4) They said to me, "What is your profession?"

---

(5) The officer said to him. "Are you not going to Lahore on Monday?"

---

Q5. Punctuate the following:

(3)

through reports debates and talk show it makes everyone answerable and accountable that is why media has become an integral part of our lives

Q6. Make sentences with the following words and phrasal verbs:

(5)

i. Turn off

---

ii. Bring up

---

iii. Act upon

---

iv. Run after

---

v. Get through

---

Q7. Use the correct form of verb:

(5)

i) All the members (be) welcome to the meeting.

---

ii) They (award) prizes by the Principal last Friday.

---

iii) I ( watch) match for two hours.

---

iv) The sun (rise) at 5:30 a.m. tomorrow?

---

v) When the officer came, the peon ( not arrive).

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Q8. Read the following paragraph and answer the questions given below:

(7.5)

Bees are insects. Bees are special insects because they can fly. They can move through the air like an airplane. Bees can fly because they have wings. They use their wings to fly. Bees can fly fast as well as slow. They need to fly to get to the flowers. Bees can have three colors. They can be yellow, red and orange. All bees are black in some places. Bees have three main parts. They have six legs, a body and a stinger. The stinger is used to protect against enemies. They live in Africa, Australia, Asia, Europe, North America and South America.

a. Why are bees special insects?

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b. Why do bees need to fly?

---

c. Which color is found in all bees ?

---

d. Where are bees mostly found?

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e. How do bees save themselves from harm?

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(6.5)

ایک بار ایک بادشاہ نے کسی دور کے گاؤں جانے کا فیصلہ کیا۔ وہ پھل فروش کا بھیس بدل کر وہاں پہنچا۔ جب وہ گاؤں کے بازار میں پہنچا تو اس نے لوگوں کا ہجوم پایا۔ شاہی محافظوں میں سے بھی کچھ وہاں تھے۔ انہوں نے ایک غریب نوجوان پکڑا تھا۔ اسے زنجیر لگائی گئی تھی۔ وہ ہجوم کے قریب آگیا۔ وہاں کھڑے ایک شخص سے اس نے پوچھا، "یہاں کیا ہوا ہے؟ نوجوان زنجیروں میں بند کیوں ہے؟"

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

(8)

- a. The Holy Month of Ramadan

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# **USWA COLLEGE ISLAMABAD**

## ***MODEL PAPER***

### **Mathematics 8<sup>th</sup>**

#### **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.No.1 Choose the correct option. (1 × 10 = 10)**

i) In sets, the null set acts as identity for

- a) Union                      b) Intersection              c) difference              d) complement

ii) The \_\_\_\_\_ inverse of a rational number is its reciprocal.

- a) additive                      b) multiplicative              c) identity                      d) All of them

iii) Convert 0.00625 into rational number.

- a)  $\frac{1}{160}$                       b)  $\frac{625}{1000}$                       c)  $\frac{625}{100000}$                       d) 160

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

- a)  $\left(\frac{p}{q}\right)^m$                       b)  $\left(\frac{q}{p}\right)^m$                       c)  $\left(\frac{q}{p}\right)^{\frac{1}{m}}$                       d)  $\left(\frac{1}{pq}\right)^m$

v) The tax which a buyer pays to the seller is called

- a) GST                      b) sale price                      c) profit                      d) cost price

vi) The solution of  $1+5x=16$  is

- a)  $\frac{10}{3}$                       b) 3                      c) 2                      d)  $\frac{3}{10}$

vii)  $x^2 - y^2 =$  \_\_\_\_\_

- a)  $(x+y)(x+y)$                       b)  $(x-y)^2$                       c)  $(x-y)(x+y)$                       d)  $x(x-y)$

- viii) A line segment joining two points on a circle is called  
a) chord                      b) arc                      c) radius                      d) diameter
- ix) Convert the unit of speed of 25 m/sec into kilometer per hour.  
a) 50 km/hour              b) 150 km/hour      c) 90 km/hour      d) 180 km/hour
- x) The greatest value of a class interval is called the \_\_\_\_\_ limit  
a) upper                      b) lower                      c) frequency                      d) data

**USWA COLLEGE ISLAMABAD**

***MODEL PAPER***

**Mathematics 8<sup>th</sup>**

**Subjective**

**Total Marks: 50**

**NOTE: Attempt any FIVE questions.**

**(5 × 10 = 50)**

Q.No.2(a) If  $A = \{1, 7, 9, 11\}$ ,  $B = \{1, 5, 9, 13\}$ , then verify that  $A - B \neq B - A$  (05+05=10)

Q.No.2(b) Prove that  $\frac{5}{12} \times \left( \frac{-2}{7} - 2 \right) = \left( \frac{5}{12} \times \frac{-2}{7} \right) - \left( \frac{5}{12} \times 2 \right)$



Q.No.3(a) Simplify  $\left[\left(\frac{18}{11}\right)^3 \div \left(\frac{18}{11}\right)^2\right]^5 \div \left[\left(\frac{18}{11}\right)^2\right]^2$  (05 + 05 =10)

Q.No.3(b) Use the laws of exponent to find the value of  $x$   $\left(\frac{2}{9}\right)^2 \div \left(\frac{2}{9}\right)^9 = \left(\frac{2}{9}\right)^{2x-1}$

**Q.No.4(a)** The area of a circular swimming pool is  $154 \text{ m}^2$ .

Find out the radius of the swimming pool.

(05 + 05 =10)

**Q.No.4(b)** 12 water pumps can empty a water tank in 20 minutes. But 2 pumps are out of order. How long will the remaining pumps take to empty the tank?

Q.No.5(a) Simplify  $(2m^2 - 5m + 4)(m + 2) - (m^2 + 7m - 8)(2m - 3)$  (05)

Q.No.5(b) Factorize the following (2.5 + 2.5)

i)  $x^2 - (y + z)^2$

ii)  $64a^2 - 208ab + 169b^2$

Q.No.6(a) Solve the equation  $\frac{1}{3}(x-3)+\frac{2}{3}=\frac{1}{3}(4x-3)+\frac{7}{2}$  (05+05=10)

Q.No.6(b) Distribute an amount of Rs. 500 among 2 brothers and 1 sister such that each brother gets twice as much as the sister does.

Q.No.7(a) Find the volume of a cylinder whose height is 9.8 cm and radius of 5.6 cm.

(05 + 05 =10)

Q.No.7(b) Construct the parallelogram LMNO where

$$m\overline{LM} = 6.5cm, \quad m\overline{MN} = 4.5cm, \quad m\angle LMN = 45^\circ$$

(Also write the steps of construction.)

# **USWA COLLEGE ISLAMABAD**

## **MODEL PAPER**

**Class 8<sup>th</sup>**  
**Paper Science**

**Marks: 30**

Name \_\_\_\_\_ Father's Name \_\_\_\_\_ Roll No. \_\_\_\_\_

Centre \_\_\_\_\_ Signature of the student \_\_\_\_\_

**Note: Attempt all questions on Question Paper**

**Q.No.1. Choose correct option.**

**5x2=10**

- i. What part of body contracts and moves down when we inhale:  
(a) bronchies (b) alveoli (c) diaphragm (d) kidneys (e) heart
- ii. Process of movement of prepared food from leaves to other parts of a plant is :  
(a) Transpiration (b) Respiration (c) Photosynthesis (d) Translocation (e) None of these
- iii. What percentage of earth water supply is fresh water :  
(a) 3% (b) 5% (c) 7% (d) 10% (e) 13%
- iv. Number of electrons in outer most shell of  ${}_{15}P^{32}$  are :  
(a) 2 (b) 5 (c) 8 (d) 11 (e) 15
- v. Which color is good reflector of heat :  
(a) Red (b) blue (c) brown (d) black (e) white
- vi. Ultrasounds has frequency range from :  
(a) 10 to 20,000 Hz (b) 15 to 20,000 Hz (c) 20 to 20,000 Hz  
(d) 25 to 20,000 Hz (e) 30 to 20,000 Hz
- vii. Which one is insulator in following :  
(a) Copper (b) glass (c) iron (d) gold (e) silver

**QNo.2. Write proper term or word in the following**

**05**

1. Band of seven colors obtained by passing light through prism \_\_\_\_\_.
2. Pores to exchange gases in a plant body \_\_\_\_\_.
3. Bacteria and fungi are \_\_\_\_\_.
4. A polymer that can be easily moulded \_\_\_\_\_.
5. Chemical formula for aluminum oxide \_\_\_\_\_.
6. Disturbance which transfers energy in a medium \_\_\_\_\_.
7. Pitch of sound depends upon \_\_\_\_\_.

**QNo.3. Attempt any eight parts.**

**2x8=16**

- (i) Write electronic configuration of  ${}_6C^{12}$ ,  ${}_{10}Ne^{20}$

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(ii) Discuss structure of a leaf

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(iii) What is difference between soft and hard water?

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(iv) What is chemical change? Write its two examples.

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(v) Define (a) Total internal reflection (b) Critical angle.

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(vi) Define Ohm's Law. Write its equation.

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(vii) What type of a star ends its life cycle as black hole?

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(viii) How do we breathe?

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(ix) Compare self pollination and cross pollination

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(x) Why metals are good conductors than non metals.

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اسوہ کالج اسلام آباد  
ماڈل پیپر  
پرچہ اردو ہشتم

کل نمبر 50

نام طالب علم \_\_\_\_\_ ولدیت \_\_\_\_\_ رول نمبر \_\_\_\_\_

سنٹر \_\_\_\_\_ دستخط \_\_\_\_\_

(12)

سوال نمبر 1۔ درج ذیل کی تعریف کریں اور دو مثالیں دیں۔

i۔ کلمہ \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

ii۔ اسم اشارہ \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

iii۔ اسم ظرف زماں \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

iv۔ فعل لازم \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(10)

سوال نمبر 2۔ درج ذیل محاورات کو اپنے جملوں میں استعمال کریں۔

i۔ پانی پانی ہونا \_\_\_\_\_

ii۔ گھوڑے بچ کر سونا \_\_\_\_\_

iii۔ آگ گولا ہونا \_\_\_\_\_

iv۔ خون سفید ہونا \_\_\_\_\_

v۔ سبز باغ دکھانا \_\_\_\_\_



(10)

(05)

i- آباد      ii- قوت      iii- نشیب

-iv- اکثریت \_\_\_\_\_ -v- تقدیم \_\_\_\_\_

سوال نمبر 5۔ لاحقہ ”مند“ سے تین الفاظ بنائیں۔

(3)

(10)

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

i- ایک مثالی طالب علم  
ii- وقت کی پابندی