# USWA COLLEGE ISLAMABAD

**ENTRY TEST 2025**

## Class 9

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

| Name | |
|------|--|
| Roll No. | |
| Centre | |

| | Maths | Science | English | Urdu | Total Marks |
|---|---|---|---|---|---|
| **Obt.Marks** | | | | | |

_____
**Signature Invigilator**

_____
**Signature Candidate**

# USWA COLLEGE ISLAMABAD
*Entry Test - March 2025*
## English – 9th

**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. Read the following passage carefully and answer the questions that follow:** (08)

Child labour is a serious problem in our society where young children are forced to work instead of attending school. Imagine children, your age or younger, toiling in factories, fields, or even homes, performing difficult tasks. In Pakistan, sadly, many children are engaged in child labour, making carpets, bricks, or working in agriculture and domestic service. This deprives them of education, harms their health, and steals their childhood. Child labour happens largely because of poverty, pushing families to send their children to work for survival. It's important to understand that every child deserves the chance to learn and grow, not to struggle in harsh working conditions.

**Questions:**

1. What is child labour, according to the paragraph?
   _____

2. According to the text, what are two negative effects of child labour on children?
   _____

3. What is mentioned as the main reason why child labour occurs?
   _____

4. What is the right of every child that is emphasized in the paragraph?
   _____

**Q2. Do as directed** (20)

1. **The fluffy white cat** slept soundly on the rug. (Identify the phrase type)
   _____

2. She sings **beautifully** in the choir. (Identify the subtype of part of speech)
   _____

3. Ali is a **clever** and **diligent** student. (Identify the part of speech of "clever" and "diligent")
   _____

4. My new bicycle, **which is red**, is very fast. (Identify the clause type in bold)
   _____

5. **Wow!** That was an amazing goal! (Identify the part of speech)
   _____

6. The books **on the top shelf** are old. (Identify the phrase type)
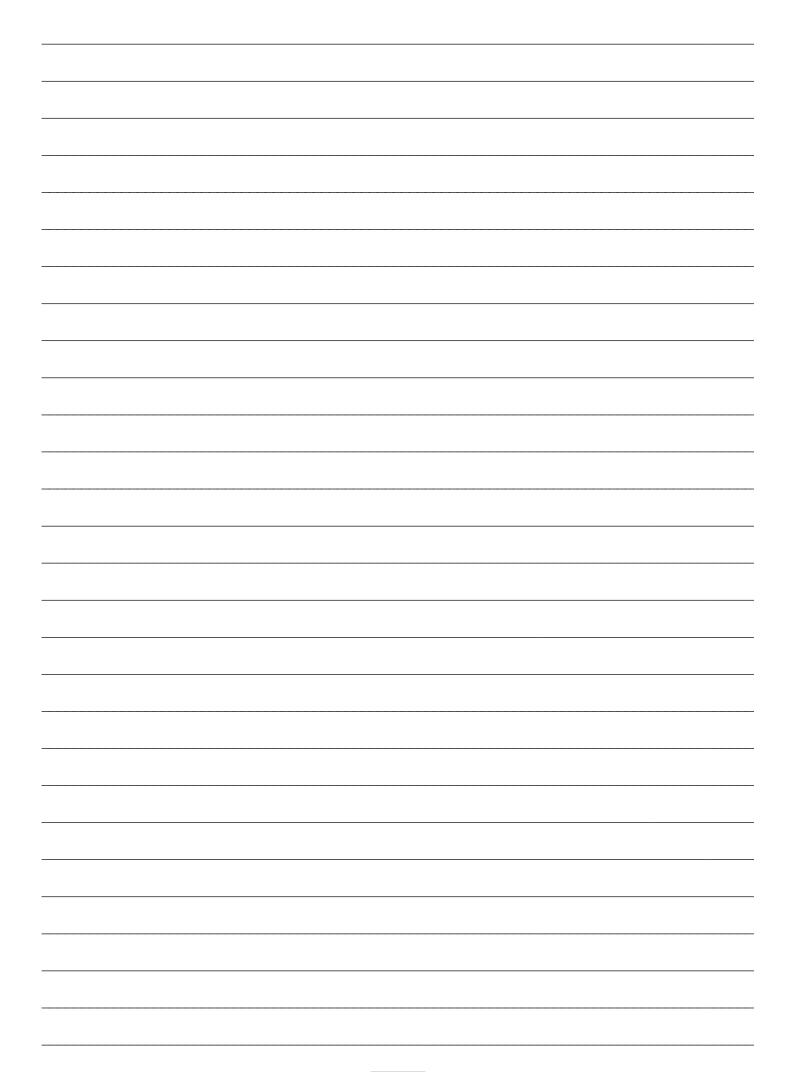   _____

7. **The dog barked loudly**, and the cat ran away. (Identify the type of sentence)

   _____

8. This is **the most interesting** story I have ever read. (Identify the subtype of part of speech)

   _____

9. **If you study hard**, you will pass the exam. (Identify the clause type in bold)

   _____

10. He is **a man of great courage**. (Identify the phrase type)

    _____

11. The sun shone **brightly** all day. (Identify the subtype of  part of speech)

    _____

12. **Because of the traffic**, we were late. (Identify the phrase type)

    _____

13. "Life is like a box of chocolates," he said. (Identify the figure of speech)

    _____

14. The flowers in the garden **smell sweet**. (Identify the verb type of "smell")

    _____

15. He asked **whether he could come along**. (Identify the clause type in bold)

    _____

16. The wind **whistled** through the trees. (Identify the figure of speech)

    _____

17. We **ourselves** saw the accident. (Identify the part of speech)

    _____

18. The news **that she had won** surprised everyone. (Identify the clause type in bold)

    _____

19. This room is **my palace**. (Identify the figure of speech)

    _____

20. Go and fetch me some water! (Identify the type of sentence)

    _____

## Q2.  a) Change the Voice                                                            (4)

1. The dog chased the ball across the park.

   _____

2. She was quickly typing the email.

   _____

3. The chef has cooked a delicious meal.

   _____

4. He will not paint a picture of the sunset.

   _____

## b) Change the Narration                                                             (4)

1. Father said to mother, "Please bring me a glass of water."

   _____

2. The teacher said to us, "Have you completed your homework?"

_____

3. My sister said, "How beautiful the rainbow is!"

_____

4. Grandmother smiled and said to me, "May you always be happy and healthy."

_____

**Q5. Write a letter to your friend who has recently moved to a new city. Describe your current school life and mention the activities you miss doing together.** (06)

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**Q6. Translate the following passage into Urdu:** (05)

"Education plays a vital role in the progress of a nation. It empowers individuals, promotes critical thinking, and fosters a sense of responsibility. Investing in quality education is an investment in a brighter future for all. Every child deserves the opportunity to learn and reach their full potential."

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**Q7. Translate the following passage into English:** (05)

کل چھٹی کا دن تھا۔ موسم بہت سہانا تھا۔ ہم سب دوست پارک میں جمع ہوئے۔ ہم نے مل کر کرکٹ کھیلی اور بہت مزہ آیا۔ امی نے مزیدار کھانا بنایا تھا جو ہم سب نے مل کر کھایا۔ شام کو ہم گھر واپس چلے گئے۔

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**Q8. Write an essay of 120-130 words on "The Impact of Social Media on Youth in Pakistan."** (08)

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## USWA COLLEGE ISLAMABAD
*Entry Test - March 2025*
### Mathematics 9th

**Marks: 60**

Name _____    Father's Name _____

Roll No. _____    Centre _____ Signature of the student_____

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

Q.No. 1    Fill in the blanks by choosing correct option:    (10)

i)  Multiplicative inverse of $-5$ is

A) 5           B) 0           C) $\dfrac{1}{5}$           D) $-\dfrac{1}{5}$

ii)  The value $0.0092635$ has _____ non-significant figures.

A) 5           B) 6           C) 7           D) 8

iii)  $x^6 \times x^7 \div x^5$ is equal to

A) $x^{\frac{13}{5}}$           B) $x^8$           C) $x^{13}$           D) $x^{\frac{6}{5}}$

iv)  If $a$ is hypotenuse of right angled triangle an $b$, $c$ are other sides, then

A) $c^2 = a^2 + b^2$        B) $a^2 = b^2 + c^2$        C) $b^2 = a^2 + c^2$        D) $a^2 = b^2 - c^2$

v)  The tabular form of $\{x : x\varepsilon W \wedge x \le 5\}$

A) $\{1,2,3,4\}$        B) $\{1,2,3,4,5\}$        C) $\{0,1,2,3,4,5\}$        D) $\{0,1,2,3,4\}$

vi)  The product of $\left(3\sqrt{a} + 5\sqrt{b}\right)\left(3\sqrt{a} - 5\sqrt{b}\right)$ is equal to

A) $3a^2 - 5b^2$        B) $9a - 25b$        C) $9a^2 - 25b^2$        D) $9\sqrt{a} - 5\sqrt{b}$

vii)  $2^4 \times 2^{-2} =$

A) 16           B) 4           C) 12           D) 8

viii)  A linear equation in two variables always represents a :

A) Straight line        B) Triangle        C) Quadrilateral        D) Curve

ix)  The simplified form of $\left(a+b\right) - \left(a-b\right)$

A) $2a + 2b$        B) $2a$        C) $2b$        D) $4ab$

x)  A tangent line intersects the circle at _____points.

A) One           B) Two           C) Three           D) Four

# Section – A

Q.No. 2        Solve all the questions. Each question carries equal marks.                    (6 × 5 = 30)

    i.        Area of a circular field is 74536 m$^2$. Find the circumference of the circle (take $\pi \cong \dfrac{22}{7}$ )

    ii.        Given a circle of radius 21 cm correct to nearest cm. What are the possible maximum errors when calculating its area?

iii. If $U = \{ x / x \in W \wedge 0 \leq x \leq 20 \}$, $A = \{ x / x \in W \wedge 0 \leq x \leq 10 \}$ and $B = \{ x / x \in W \wedge 11 \leq x \leq 15 \}$ then verify that $(A \cup B)' = A' \cap B'$

iv. A woman died leaving property of worth Rs. 148000. Divide her property among two sons and husband. She wished in her life to give 10% of her property to the Masjid.

v.      Simplify $(3x-1)(3x+1)-(3x-1)^2$

vi.     Factorize $2l^2 - 18m^2 + 32n^2 - 16nl$

**NOTE: Attempt all these questions. All questions carry equal marks.**　　　　　**2 × 10 = 20**

Q.No.3　　　5 pens and 6 notebooks together cost Rs. 900 and 3 pens and 2 notebooks cost Rs. 500. Find the cost of 1 pen and 1 notebook.　　　　　　　　　　　　(10)

Q.No.4    Construct a rectangle when the diagonal = 6 cm and a side = 2 cm. Write also steps of construction.    (10)

# USWA COLLEGE ISLAMABAD
### *Entry Test - March 2025*
### Science – 9th

**Marks: 30**

Name _____Father's Name _____ Roll No. _____

Centre _____ Signature of the student _____

## SECTION – A

**Q1.     MCQs (Choose the correct option)**                                                                                    **(10)**

1.     Which is part of forebrain?

a.   cerebellum               b. cerebrum               c. thalamus               d. hypothalamus

2.     Green house traps

a. carbon dioxide             b. water               c. heat               d. light

3.     How many elements in Period3 of periodic table?

a. 2               b. 8               c. 18               d. 32

4.     Chemical formula for sodium carbonate?

a.   $CaCO_3$          b. NaCl          c. $Na_2CO_3$               d. $NaHCO_3$

5.     Which acid is present in venigar?

a. HCl               b. $HNO_3$                    c. $CH_3COOH$          d. $H_2CO_3$

6.     Angle of incidence for light is 60° then angle of reflection will be :

a. 30°               b. 45°          c. 60°          d. 90°

7.     Which type of mirror is used to solar cooker?

a. Plane               b. Convex               c. Concave               d. Flat

8.     The circuit used to protect overload if current exceeds a fixed value.

a. switch               b. fuse          c. earth wire               d. copper wire

9.     With depth pressure in liquid

a. decreases          b. increases     c. stays same               d. is zero

10.     Reaction between sodium and water gives

a. $H_2$               b. $O_2$          c. NaCl               d. $Na_2CO_3$

## Section – B

**Q2.     Attempt all questions, each carries 2 marks.**

(i)     Why balloon bursts when picked with pin?

_____

_____

_____

_____

(ii)  Define following units : a) Ampere  b) Ohm

_____
_____
_____
_____

(iii)  Why are convex mirrors installed at sharp road turns?

_____
_____
_____
_____

(iv)  Draw dot and cross structure of ionic bond formation between sodium and chlorine.

_____
_____
_____
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(v)  Define decomposed reaction and write a balanced chemical equation.

_____
_____
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_____

(vi)  Identify location of magnesium and chlorine in periodic by writing electronic configuration.

_____
_____
_____
_____

(vii)  Draw a flow chart of flood chain.

_____
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_____
_____

## Section – C

**Q2.  Long question.**                                                         **(6)**

**Discuss working of human nervous system in detail.**


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سوال نمبر 8۔ مندرجہ ذیل میں سے کسی ایک عنوان پر مضمون لکھیں۔ (۱) ماحولیاتی آلودگی (۲) شاعرِ مشرق علامہ محمد اقبالؒ (10)

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سوال نمبر 7۔      چھوٹی بہن کے نام خط لکھ کر سال گرہ کی مبارک باد دیں۔ (05)

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_____
_____
اسم ظرفِ زماں کی تعریف اور دو مثالیں تحریر کریں۔_____
_____
_____
_____
فعل مجہول کسے کہتے ہیں؟ مثال سے واضح کریں۔_____
_____
_____
_____

**سوال نمبر 3۔**     واحد کے جمع اور جمع کے واحد لکھیں۔     **(06)**

خبر _____     وکیل _____     اسباب _____

غریب _____     استاد _____     اجداد _____

**سوال نمبر 4۔**     الفاظ کے معانی لکھیں۔     **(04)**

فسوں _____    فقدان _____    امروز _____    آلام _____

**سوال نمبر 5۔**     درج ذیل جملوں کو درست کریں۔     **(05)**

۱۔    ہم سب بخیریت سے ہیں۔ _____

۲۔    صبح سے بارش برس رہی ہے۔ _____

۳۔    ماہِ شعبان کا مہینہ گزر چکا ہے۔ _____

۴۔    ہماری اکتسادی حالت اچھی نہیں۔ _____

۵۔    وہ غصے سے لال سرخ ہو گیا۔ _____

**سوال نمبر 6۔**     ''ضرورت ایجاد کی ماں ہے'' کے عنوان کے تحت کہانی لکھیں۔     **(05)**

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پرچہ اُردو نہم

کل نمبر: 50

نام طالب علم ---------------- ولدیت ---------------- رول نمبر ----------------

سنٹر ---------------- دستخط ----------------

سوال نمبر 1۔ درست جواب کے گرد دائرہ لگائیں۔ (05)

i۔ ''اسداللہ'' قواعد کی رو سے کیا ہے؟

الف: لقب        ب: خطاب        ج: تخلص        د: عُرف

ii۔ ''شب وروز'' کون سا مرکب ہے؟

الف: اضافی        ب: اشاری        ج: توصیفی        د: عطفی

iii۔ ''سدِّ باب'' کے معنی کیا ہیں؟

الف: دروازہ        ب: روک تھام        ج: ہتھیار        د: دیوار

iv۔ ''علی نے سیب کھایا'' اس جملے میں ''فعل'' کی نشاندہی کریں۔

الف: کھایا        ب: سیب        ج: نے        د: علی

v۔ محترمہ فاطمہ جناح پیدا ہوئیں۔

الف: 1876ء        ب: 1919ء        ج: 1893ء        د: 1877ء

سوال نمبر 2۔ درج ذیل کی تعریف کریں اور دو دو مثالیں دیں۔ (10)

تشبیہ کے کتنے ارکان ہیں؟ نام لکھیے۔ _____

_____

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''محاورہ کی تعریف کیجئے اور کوئی سے دو محاورے لکھیں _____

_____

_____

_____

''اسم ضمیر'' کی تعریف کیجئے اور مثال دیجیے _____

_____