

اسوہ کالج اسلام آباد

انٹری ٹیسٹ مارچ ۲۰۲۳ء

پرچہ اردو نمبر

وقت: ایک گھنٹا

کل نمبر: 50

نام طالب علم _____ ولدیت _____ رول نمبر _____

سنٹر _____ دستخط _____

05

سوال نمبر 1۔ درست جواب کے گرد دائرہ لگائیں۔

i۔ ”راستہ دکھانے والا“ کہلاتا ہے۔

الف: ہم سفر ب: رفیق ج: رہبر د: راہی
ii۔ تخلص _____ کی قسم ہے۔

الف: اسم ذات ب: اسم علم ج: اسم نکرہ د: اسم مکبر
iii۔ کلمہ ہے۔

الف: بے معنی لفظ ب: فقرہ ج: بامعنی لفظ د: مرکب
iv۔ اوصافِ رسولؐ بیان کرنے والی شاعری ہے۔

الف: حمد ب: نعت ج: غزل د: مرثیہ
v۔ ”زمین“ اور ”روشنی“ کے متضاد بالترتیب ہیں۔

الف: جاہل اندھیرا ب: آسمانِ ناطق ج: تاریک حق د: آسمانِ تاریکی

10

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

اسم فاعل

فعل مضارع

علم نحو

USWA COLLEGE ISLAMABAD



ENTRY TEST 2024

Class 9

Timing: 9:00 am to 12:30 pm

Roll No.	
Centre	

	Maths	Science	English	Urdu	Total Marks
Obt. Marks					

Signature Invigilator

Signature Candidate

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Entry Test - March 2024

English – 9th

Time Allowed: 60 min

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. Rearrange the words to make sentences. (5)

i. helps/ the poor/ run / a shop / he/.

ii. Copes with/ the /with/ dignity /challenges/ a / leader/all/ true.

iii. the / please / not /do / on / spit / floor.

iv. at /looking/straight/ he said/he/ her / the / that/ couldn't help her.

v. have / whom / talked / you/ to/ ?

Q2. Change the voice. (5)

i. Who was knocking at the door?

ii. Where is your luggage searched by police?

iii. Zip them up.

iv. The street is being swept regularly by the sweepers.

v. He should do his assignment in time.

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Entry Test - March 2024

Maths – 9th

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. 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 _____ does not exist.
A) 0.2 B) 0 C) 1 D) -1
- ii) The value 0.0002635 has _____ non-significant figures.
A) 1 B) 2 C) 3 D) 4
- iii) $\frac{\sqrt{625 \div 25 \times 5}}{\sqrt{625 \div 5}}$ is equal to
A) 1 B) 5 C) 10 D) 25
- iv) Share of father and mother is _____ of the property.
A) $\frac{1}{6}$ B) $\frac{1}{4}$ C) $\frac{1}{8}$ D) $\frac{1}{2}$
- v) $\{x/x \in A \wedge x \notin B\}$ means
A) $A \cup B$ B) $A \cap B$ C) $A - B$ D) $B - A$
- vi) The product of $(\sqrt{a} + \sqrt{b})(\sqrt{a} - \sqrt{b})$ is equal to
A) $a + b$ B) $a - b$ C) $a^2 - b^2$ D) $a^2 + b^2$
- vii) $3, 1, \frac{1}{3}, \frac{1}{9}, \dots$ the next term of the sequence is:
A) $\frac{1}{21}$ B) $\frac{1}{27}$ C) $\frac{1}{81}$ D) $\frac{1}{243}$
- viii) A linear equation in two variables always represents a :
A) Straight line B) Triangle C) Quadrilateral D) Curve
- ix) When (x, y) is rotated 90° about origin in clockwise direction the new coordinates are:
A) (x, y) B) $(-x, -y)$ C) $(-y, x)$ D) $(y, -x)$
- x) A secant 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. The area of a square lawn of a school is 42025 m^2 . If you complete $3\frac{1}{7}$ rounds of a square lawn. How much distance you travelled?

- ii. Find the profit on Rs. 10000 for 30 months @ 12% per annum.

iii. If $U = \{x/x \in Z \wedge -3 \leq x \leq 5\}$, $A = \{-1, 0, 2\}$ and $B = \{-3, -1, 1, 3, 5\}$ then verify that
 $(A \cup B)' = A' \cap B'$

v. If $a_1 = 41$ and $d = 3$, then find a_8

iv. Find quotient and remainder when dividend is $x^3 + 2x - 17$ and divisor is $x - 2$

vi. Area of circle and its sector are 100 cm^2 and 50 cm^2 respectively. Find the central angle subtended by the sector.

Section – B

NOTE: Attempt all these questions. All questions carry equal marks.

2 × 10 = 20

Q.No.3 Solve the following simultaneous equations $-\frac{1}{4}x + \frac{1}{3}y = 1$; $\frac{2}{3}x - \frac{3}{5}y = 2$ (10)

Q.No.4

Construct a parallelogram when two diagonals are 6.3 cm and 3.4 cm long and the angle between them is 60° . (10)

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Entry Test - March 2024

Science – 9th

Time Allowed: 30 min

Marks: 30

Name _____ Father's Name _____ Roll No. _____

Centre _____ Signature of the student _____

SECTION – A

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

- The SI unit of current is:
a. Coulomb b. Volt c. Ohm d. Ampere
- The electric device which melts if current exceeds a certain fixed value are
a. Circuit breakers b. Fuses c. Copper wires d. Earth wires
- When light enters from air to water it :
a. continues its path in a straight line b. bends towards normal
c. bends away from the normal d. reflects totally
- The SI unit of buoyant Force is :
a. Pascal b. Newton c. Buoyancy d. Pressure
- Which acid is used in car battery?
a. HCl b. HNO₃ c. CH₃COOH d. H₂SO₄
- Photosynthesis in green plants is:
a. Synthesis b. decomposition c. Combustion d. Endothermic
- An element has three electrons in its outermost shell. In which group of the periodic table it is likely to be found?
a. Group IA b. Group IIA c. Group IIIA d. Group O
- The chromosomes are chemically composed of:
a. DNA and carbohydrates b. DNA and Proteins
c. Proteins and Lipids d. DNA and Lipids
- The basic unit of structure and function of nervous system is:
a. Nerve b. Brain c. Neuron d. Spinal Cord
- The process which consumes carbon dioxide and produces oxygen is:
a. Respiration b. Combustion c. Photosynthesis d. Fossilization

Section – B

Q2. Attempt all questions, each carries 2 marks.

- (i) During a floor grinding and polishing repairs in your house, the fuse blows when the operator start his heavy machine. He wants to replace a fuse by a piece of wire. Would you agree? Give reasons for your response.

- (ii) Why stepping of high heeled shoe hurts more than a flat shoe?

- (iii) Can a convex mirror produce a real image of an object?

- (iv) You cannot neutralize the effects of wasp sting with Calcium Hydroxide. Give reason.

- (v) Write a balanced chemical equation for the reaction between methane and oxygen.

- (vi) Write three properties that make gold suitable for making jewellery.

- (vii) What is the significance of peripheral nervous system?

مرکب ناقص

تشبیہ

سوال نمبر 3- مذکر کے مؤنث اور مؤنث کے مذکر لکھیں۔

دیوتا _____ درزی _____ ہاتھی _____

محترمہ _____ بھتی _____ ناگن _____

سوال نمبر 4- دیے گئے سابقوں اور لاحقوں سے مرکبات بنائیں۔

اُ _____ زیر _____ آباد _____ گار _____

سوال نمبر 5- درج ذیل جملوں کو درست کریں۔

۱- ہم نے بازار سے آلو، ٹماٹر اور دہی خریدی۔

۲- گوالا نے دودھ میں پانی ملا یا۔

۳- بھینس کے آگے بانسری بجانا۔

۴- تمہارا ناک بہہ رہا ہے۔

۵- اے خدا یا! ہمارے ملک پر رحم فرما۔

سوال نمبر 6- ”جھوٹ کا انجام“ کے عنوان پر کہانی لکھیں۔

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سوال نمبر 7- دوست کے نام، بھائی کی شادی میں شرکت کی دعوت کا خط لکھیں۔

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