USWA BOYS COLLEGE SKARDU
ENTRY TEST 2025

Class: 9ᵗʰ   Total Marks: 140   Time Allowed: 3:00hours

(English Marks 40)

Q.1   Do as directed   **(10)**

    i. You are cheating me.   (Change the voice)

    ii. He had _____ the truth.(speak)   (Use the correct verb)

    iii. Ali didn't _____ books.   (buy, bought , buys , buying , use correct verb)

    iv. She is very happier today.   (Correct the sentence)

    v. _____ , we won the match.   (Use proper interjection)

    vi. Although he is old, _____ he is strong.   (Use proper conjunction)

    vii. She came here _____ train.   (Use proper adjective)

    viii. The ,keeps , man, known, by, company, the is he

                                      (Rewrite the words to make meaningful sentence)

    ix. He glanced _____ us.   (Use the proper preposition)

    x. The teacher said," Is it raining outside?"   (Change into indirect narration)

Q.2   Use the following pair of words into meaningful sentences   **(10)**

    (a)   Eligible, Illegible   (b)   Lesson, Lessen   (c)   Bare, Bear

    (d)   Ceiling, Sealing   (e)   Defer, differ

Q.3   Write a paragraph on, "The advantages and Disadvantages of social media."   **(05)**

Q .4   Define the following grammatical terms with examples.   **(10)**

    (a)   Gerund   (b)   Abstract Noun   (c)   Common Gender

    (d)   The superlative degree of adjectives   (e)   Weak verbs

Q.5   Translate into English.   **(05)**

1۔   اچھے طلبا شور نہیں کرتے ہیں۔   2۔   تم نے اپنا وقت کیوں ضائع کیا؟

3۔   مالی پھول توڑ رہا ہے۔   4۔   پاکستان ایک ایٹمی طاقت ہے۔   5۔   دوست وہ جو مصیبت میں کام آئے.

(Science Total Marks 40)

Q.1: Fill in the blanks. (05)

   i. The interaction between two organisms in which both get benefits_____

   ii. The nerves that arise from brain_____

   iii. The image formed by convex mirror_____

   iv. The SI unit of pressure is_____

   v. Tartaric acid is found in_____

Q.2 Differentiate between the following: (4 × 3 = 12)

   i. Sensory neuron and motor neuron

   ii. Displacement reaction and double displacement reaction

   iii. Balanced and unbalanced force

Q.3 Define the following terms. (3 × 2 = 6)

   a) Parasitism   b) Combustion reaction   c) Electromagnet

Q.4 Define reflection. Also explain the types of reflection. (05)

Q.5 Explain the applications of biotechnology in agriculture. (04)

Q.6 Differentiate between voluntary actions and involuntary actions. (04)

Q.7 Write the chemical formula of the following. (04)

   a) Formic acid   b) Carbonic acid

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حصــہ اردو (کل نمبــر 20)

سوال نمبــر 1 : مندرجــہ ذیل مذکر کے مونث اور مونث کے مذکر لکھیں۔ (05)

گویا، مہترانی، چیڑا، تیــتر ادیــب

سوال نمبــر 2: مندرجــہ ذیل واحــد کے جمع اور جمع کے واحــد لکھیں۔ (05)

سنن، بحــر خطــب، ظــریف، ولی

سوال نمبــر 3: مندرجــہ ذیل محــاورات کے جملے بنائیں۔ (05)

لیــت ولعــل کرنا، گن گانا، منــہ کی کھانا ، ڈنکے کی چوٹ پر، ہاتھ پاؤں پھول جانا

سوال نمبــر 4: عنــوان ”خــدمت خلــق“ پہ ایــک پیــراگراف لکھیں۔ (05)
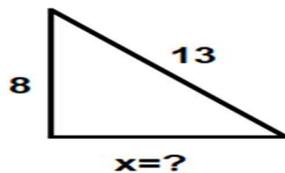
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(Mathematics Total Marks 40)

Q.1 Fill in the following blanks. (10)

     i.   The value 4.3062 has --------------- significant figures.

     ii.   Share of father and mother is ---------- of the property.

     iii.   Intersection of two disjoint sets is -----------------------.

     iv.   Degree of the polynomial $2x^4 - 3x^3 + 8$ is ----------

     v. 8th term of the sequence $5, 8, 11$ is ------------- -------

     vi.   The value of x in $x - 2x + 4 = 8$ is ------------------

     vii.   Sum of interior angles of a triangle is-------------------

     viii. Volume of cone is equal to -----------------------------

     ix.   Range of 2,4,6,8,12,14,24,34,44 is ---------------------

     x.   If 5 coins are tossed, the possible outcomes are --------

Q.2 Attempt all the parts. Each part carries equal marks. $(5 \times 4 = 20)$

     i.   Find mean, median and mode of 2,8,14,4,8,6,12,8,1

     ii.   Find the value of x by using Pythagoras theorem.

     iii.   Find the 8th term of the arithmetic sequence if $a_1 = 10, d = 5$

     iv.   Factorize the following

          a. $x^2 - 16x + 64$ b. $25x^2 - 4y^2$

     v.   Samad borrowed Rs. 32000 at the rate 5% for 3 years.
         Find markup and amount paid by him.

Q.3 If $U = \{1,2,3, ...,10\}, A = \{2,5,8\}\ and\ B = \{5,6,7,8\}$ then show that

     $(A \cup B)' = A' \cap B'$ (05)

Q.4 Solve the system of equations (05)

     . $2x - 3y = 12,\ \ x + 3y = 3$