

USWA BOYS COLLEGE SKARDU

ENTRY TEST 2025

Class: 8th

Total Marks: 140

Time Allowed: 3:00hours

(English Total Marks 40)

Q No 1: Do as directed.

(10)

- i. She is buying mangoes. (Change the voice)
- ii. I have never (see) such a painting before. (Use the correct form of the verb)
- iii. Good players _____ the defeat happily (except , accept)(fill in the blanks)
- iv. I will take my food when you go. (Correct the sentence)
- v. _____, he is dead. (Use proper interjection)
- vi. Either he ____ I must go. (Use proper conjunction)
- vii. Ali is the ____ boy in the class. (Taller, Tall , Tallest ,use proper adjective)
- viii. The arrived the at train station (Rewrite the words to make meaningful sentence)
- ix. She assured me _____ her help. (Use the proper preposition)
- x. She has bought many books (Change the voice)

Q No2: Use the following words into your own sentences

(10)

- (a) Participate (b) Expensive (c) Profession
(d) Proud (e) Strength

Q No.3: Write a paragraph on, "The value of discipline in life."

(05)

Q No.4: Define the following grammatical terms with examples.

(10)

- (a) Masculine Gender (b) The Article (c) Imperative Sentences
(d) Adverb of manner (e) Conjunction

Q No.5: Read the following sentences and identify the parts of speech of underline words

(05)

- i. The door of the car is opened.
- ii. They live in the same street.
- iii. Aslam is the tallest boy in the class.
- iv. Skardu is a beautiful city.
- v. Gold is a precious metal.

Q No.6: Translate into English.

(05)

- 1 - آسمان پر ستارے چمک رہے ہیں۔
2 - گاڑی وقت پر آگئی تھی۔
3 - کیا بچے گراؤنڈ میں کھیل رہے تھے؟
4 - اسلام آباد پاکستان کا دارالحکومت ہے
5 - وہ ایک دلیر بادشاہ تھا۔

(Science Total Marks 40)

Q.1: Fill in the blanks.

(05)

- The blood vessels that supply food and oxygen to the heart _____.
- The unit of frequency is _____.
- The wave that require a medium to travel from one place to another place _____.
- The transfer of heat from hot body to cold body without actual movement of particles of medium _____.
- Atom with positive charge is called _____.

Q.2: Define the following terms.

(3 × 2 = 6)

- a) Pathogens b) Wavelength c) Electromagnetic wave

Q.3: Differentiate between the following:

(4 × 3 = 12)

- Longitudinal wave and transverse wave
- Ionic bond and covalent bond
- Amplitude and loudness of sound

Q.4: Write down the symbols of the following elements:

(05)

Silver Sodium Calcium Potassium Mercury

Q.5: Explain passive immunity and adaptive immunity.

(06)

Q.6: Explain the effects of temperature on the solubility of solid and liquid.

(03)

Q.7: Write the chemical formula of the following compounds.

(03)

- a) Aluminium oxide b) Ammonia d) Hydrogen Sulphide

اردو کل نمبر 20

(05) سوال نمبر 1: مندرجہ ذیل مذکور کے مونث اور مونث کے مذکور لکھیں۔

جورو دکھارا حلوائی بھیڑیا حاجی

(05) سوال نمبر 2: مندرجہ ذیل واحد کے جمع اور جمع کے واحد لکھیں۔

سفر خیام وظیفہ قلب مکاتب

سوال نمبر 3: مندرجہ ذیل محاورات کے جملے بنائیں۔

(05)

شیر سرچھڑنا دل بھرا آنا سپراخ گل ہونا حبان میں حبان آنا

وشکر ہونا

سوال نمبر 4: عنوان ایک اچھے طالب علم کی خصوصیات پر ایک پیرا گراف لکھیں۔

(05)

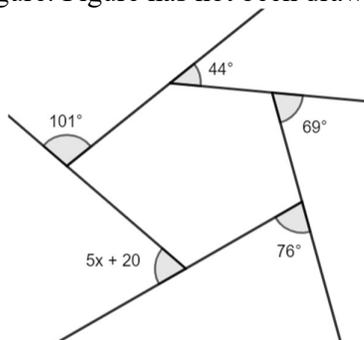
(Mathematics Total Marks 40)

Q.1 Fill in the blanks. (10)

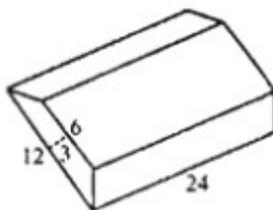
- i. Multiplicative inverse of $\frac{1}{8}$ is
- ii. Surface area of prism =.....
- iii. 5 is an element of set A is written mathematically as
- iv. Leading coefficient of the polynomial $2x^4 - 3x^3 + 8$ is
- v. Next term of the sequence 5, 8, 11 is
- vi. The value of m in $m + 2m - 4 = 8$ is
- vii. Sum of exterior angles of any polygon is.....
- viii. The simplest ratio 50minutes: 2hours is.....
- ix. Twin primes differ by
- x. If $P(\text{red}) = \frac{1}{8}$ then $P(\text{not red}) =$ where p denote probability.

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

- i. Find mean, median and mode of 2, 8, 14, 4, 8, 6, 12, 8, 1
- ii. Find the value of x in the figure. Figure has not been drawn according to scale.



- iii. Find volume of prism



- iv. Factorize the following
 - a. $x^2 + 10x + 21$
 - b. $4a^2 - 25$
- v. If $A = \{1, 2, 3, 5\}$ and $B = \{2, 3, 5\}$ the find $A \cap B$ & $A - B$.

Q.3 Solve the system of equations. (05)

$$x + 4y = 2$$

$$5x - 4y = 10$$

Q.4 The marked price of a toy car is Rs.1200. It is sold at a discount of 12%. (05)

Find the sale price.

