



CADET COLLEGE SKARDU

Entrance Exam 2026 for the Induction in Class 8th



Paper: English

Total Marks: 75

Time Allowed: 1 Hour & 30 Minutes

Note: Attempt all the answers on the given answer sheet.

Caution: Do not write your **Name, Roll Number** or any other identification mark anywhere in the Answer Sheet except at the specified place, as it is punishable under college rules.

Q1. Fill in the blanks with the correct part of speech mentioned in brackets. (5)

- She sings very _____. (Add a suitable adverb)
- The _____ boy helped the old man. (Add a suitable adjective)
- _____ is the capital of Pakistan. (Use a suitable noun)
- They _____ to school every day. (Use a suitable verb)
- Hurrah!* We have won the match. (Identify the part of speech of "Hurrah")

Q2. Change the narrations of the following. (5)

- He said, "I am busy now."
- She said, "I have finished my work."
- The teacher said, "Work hard."
- Ali said to me, "Where are you going?"
- He said, "I will help you."

Q3. Change the voice of the following. (5)

- The chef cooked a delicious meal.
- The letter was written by Ahmad
- They are watching a movie.
- She has completed the homework.
- The manager will approve the request.

Q 4. Do As Directed. (5x2=10)

- Combine using "though":
He is rich. He is not happy.
- Use the correct form of verb:
Neither of the boys _____ present. (Was/were)
- Make a sentence using "as soon as".
- Identify the type of sentence:
What a beautiful sunset!
- Transform into a negative sentence:
He always tells the truth.

Q 5. Articles - Fill in the blanks (5)

- She is _____ honest girl.
- I saw _____ eagle flying high.
- He is _____ best player in the team.
- I want to buy _____ umbrella.
- _____ Earth revolves around the Sun.

Q6. Read the following paragraph carefully and answer the questions given at the end. (5x2=10)

Once there was a farmer who had a small piece of land. He worked hard from morning till night but could not earn much. One day he found a bag of gold coins in his field. He was overjoyed and thanked God for his good luck. From that day, he became kind and helped the poor.

Questions:

- i. What kind of man was the farmer?
- ii. What did he find one day?
- iii. How did he feel after finding the bag?
- iv. What did he do after becoming rich?
- v. Write a suitable title for the passage.

Q.7 Use the following pair of words in your own sentences to bring out their meaning: (10)

- | | | |
|----------------------|--------------------------|-----------------------------|
| i. Diary, Dairy | ii. Principal, Principle | iii. Stationary, Stationery |
| iv. Weather, Whether | v. Bare, Bear | |

Q.8. Translate the following into English: (10)

- 1- وہ بازار جارہا ہے۔
- 2- کیا تم نے اپنا کام ختم کر لیا؟
- 3- ہم کل کھیلنے جائیں گے۔
- 4- یہ کتاب بہت دلچسپ ہے۔
- 5- میرا بھائی ڈاکٹر بننا چاہتا ہے۔
- 6- ہمیں محنت سے پڑھائی کرن چاہیے۔
- 7- باغ میں پھول کھل ہوئے ہیں۔
- 8- اسلم ہر روز نہاتا ہے۔
- 9- کاش میں امیر ہوتا!
- 10- تمہاری قلم کہاں ہے؟

Q9. Write an application to your Principal for leave due to an urgent piece of work. (5)

Q10. Write a short essay (about 100–120 words) on “My Favourite Hobby”. (10)



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Section A (25 Marks)

- Q1.** (a) What would be the number of electrons in the following atomic shells: (03)
(i) L-Shell (ii) K-Shell (iii) M-Shell
(b) Calculate number of neutrons in an atom having Mass Number = 20 and Atomic Number = 10. (02)
- Q2.** Define Atomic Number. Draw structures of Protium, Deuterium, and Tritium. (05)
- Q3.** What is rusting? Write three ways to prevent rusting. (05)
- Q4.** Define the following terms. Give an example of each: (05)
i. Valency. ii. Ion. iii. Cation. iv. Anion. v. Chemical formula
- Q5.** Write any FIVE properties of metals. (05)

Section B (25 Marks)

- Q6.** How the respiratory and circulatory Systems work together to provide body cells with materials they need? (5)
- Q7.** What are the symptoms, causes and spread of COVID-19? (5)
- Q8.** What is the role of small intestine in digestion in human? (5)
- Q9.** Write function of the following: (5)
i. Root ii. Shoot iii. Leaf iv. Xylem v. Phloem
- Q10.** What is pollination? Name its types. (5)

Section C (25 Marks)

- Q11.** What do you know about Electromagnetic and Mechanical waves? (05)
- Q12.** Define The Following Terms. (5)
i. Frequency ii. Time period. iii. Amplitude. iv. Wavelength. v. Sound waves
- Q13.** Convert 20km/h into m/s. (5)
- Q14.** Explain the concept of heat conduction, convection and radiation by applying particle theory including daily life examples. (5)
- Q15.** Describe the effect of force on changing the speed and direction of motion with time. (5)



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Paper: Mathematics

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Q.1 Sum of two twin primes is 144 and they lie between 70 and 80. Find them. (5)

Q.2 A bicycle is sold for Rs.3500 having marked price Rs.3600. Find the discount percent. (5)

Q.3 Factorize: $x^2 - 12x + 35$ (5)

Q.4 Sum of measures of interior angles of a regular polygon is 720° . (5)

i) What is the name of polygon? ii) Find its interior angle.

Q5. Simplify: $10 - \frac{15}{8} \times (\frac{3}{2} \div \frac{9}{2}) + (-\frac{1}{4})$ (5)

Q6. A motorcycle was bought for Rs.48,000 and was sold at a profit of 6%. Find its sale price. (5)

Q7. The universal set E and the sets A and B are given by: (5)

$E = \{2, 3, 4, 5, 6, 8, 11\}$ $A = \{2, 4, 6, 8\}$ $B = \{3, 4, 6\}$

Find: (a) $(A \cup B)'$ (b) $A' \cap B'$

Q8. The dimensions of a rectangle are $(x+3)$ and $(x+2)$. Find the area of the rectangle in term of x. (5)

Q9. A bus travels at a speed of 15 m/sec. Express its speed in km/h. (5)

Q10. Length of rectangular region is double of its width. Find perimeter if its area is 128 cm^2 . (5)

Q11. Amana paid property tax RS. 3500 at the rate 2.5% for a house. Calculate the value of the house. (5)

Q12. The numerator of a fraction is 5 less than the denominator. If 1 is added to both the numerator and the denominator, the fraction would become $\frac{2}{3}$. Find the fraction. (5)

Q13. Solve the following simultaneous equations: (10)

$$X + \frac{1}{y} + 2 = \frac{2}{3} \quad \text{and} \quad x - \frac{2}{y} - 1 = \frac{1}{3}$$

Q14. Radius of the base of a cylinder is 12 cm, and its height is 42 cm. What will be the area of the curved surface and the total surface area of cylinder? (5)

کیڈٹ کالج سکرو دو

داخلہ امتحان برائے جماعت ہشتم 2026

پرچہ: اردو

وقت: 1:30 گھنٹہ

کل نمبر: 75

نوٹ: تمام جوابات دی گئی جوابی کاپی پر لکھیں۔

- سوال نمبر 1: مندرجہ ذیل الفاظ کے متضاد لکھیے
- (5) ا۔ ملت ب۔ امت ج۔ تقدیر د۔ ادبار ر۔ خیمہ
- سوال نمبر 2: مندرجہ ذیل الفاظ کے مترادف لکھیے۔
- (5) ا۔ مریض ب۔ فلک ج۔ زمین د۔ آشنا ر۔ قسمت
- سوال نمبر 3: واحد کے جمع اور جمع کے واحد لکھیے۔
- (5) ا۔ توارخ ب۔ سلاسل ج۔ شہید د۔ زیور ر۔ حکیم
- سوال نمبر 4: مندرجہ ذیل اسموں کی کیفیت لکھیے
- (5) ا۔ بلند ب۔ انسان ج۔ مرد د۔ خادم ر۔ امین
- سوال نمبر 5: مندرجہ ذیل الفاظ کے مذکر کے مؤنث اور مؤنث کے مذکر لکھیے۔
- (5) ا۔ خادمہ ب۔ چڑا ج۔ گوالا د۔ ناگن ر۔ ہاتھی
- سوال نمبر 6: جملے بنا کر متشابہ الفاظ کا فرق واضح کریں۔
- (10) ا۔ امل، عمل ب۔ نذیر، نظیر ج۔ ہامی، حامی د۔ نصب، نسب ر۔ گدا، گدھا
- سوال نمبر 7: مندرجہ ذیل محاورات کو جملوں میں استعمال کریں۔
- (10) ا۔ بلائیں لینا ب۔ باچھیں کھلنا ج۔ بھانڈا پھوڑنا د۔ آنکھیں چار ہونا ر۔ فو چکر ہونا
- سوال نمبر 8: مندرجہ ذیل اصطلاحات کی مختصر تعریف کریں۔
- (10) ا۔ قافیہ ب۔ تشبیہ ج۔ اسم مشتق د۔ ردیف ر۔ فعل مضارع
- سوال نمبر 9: درج ذیل مصرعے کی مختصر تشریح لکھیں۔
- (5) "عقل آتی ہے بشر کو ٹھو کریں کھانے کے بعد"
- سوال نمبر 10: پر نپیل کے نام بیماری کی وجہ سے رخصت کی درخواست لکھیے۔
- (5)
- سوال نمبر 11: میری زندگی کا نصب العین "پر مضمون لکھیے۔
- (10)