

CADET COLLEGE SKARDU
WRITTEN TEST CLASS VIII 2024

Subject: **General Science**
Time Allowed: **1 Hour**

Total Marks: **75**
Class: **8th**

Note : Attempt All Questions & Use Answer Sheets

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. Define the following:- (10)
- a. Wavelength of a wave
 - b. Frequency of a wave
 - c. Amplitude of a wave
 - d. Electrical Resistance
 - e. Electric Current
- Q2. Differentiate between following:- (10)
- a. Pitch and Loudness
 - b. Periscope and Mirage
 - c. Transverse Waves and Longitudinal Waves
 - d. Constellation and Galaxy
 - e. Convex Lenses and Concave Lenses
- Q.3 Explain Refraction of Light. (05)
- Q.4 Describe following:- (10)
- a. Pollination
 - b. Embryo
 - c. Cotyledon
 - d. Photosynthesis
 - e. Population
- Q.5 How translocation of food takes place in plant body through phloem tissue? (05)
- Q.6 Describe the structure and function of following with the help of diagram:- (10)
- a. Human Blood Vessels
 - b. DNA
- Q.7 Write down formula of following:- (10)
- a. Zinc Chloride
 - b. Sulphur dioxide
 - c. Sulphuric Acid
 - d. Ammonia
 - e. Sodium Sulphate
 - f. Sodium bicarbonate
 - g. Potassium Chloride
 - h. Benzene
 - i. Methane
 - j. Nitrogen Oxide
- Q.8 Why an atom of an element is a neutral particle? Justify with an example. (05)
- Q.9 Define Groups and Periods of Periodic Table. How many elements are present in 1st and 3rd period? (05)
- Q.10 Write down brief classification of "Impurities of Water". (05)

CADET COLLEGE SKARDU
WRITTEN TEST CLASS VIII 2024

Subject: **Mathematics**
Time Allowed: **1 Hour**

Total Marks: **75**
Class: **8th**

Note : Attempt All Questions & Use Answer Sheets

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Q.1 If $U = \{1, 2, 3, \dots, 10\}$ and $A = \{1, 3, 5, 7, 9\}$, then prove that $A \cap A' = \Phi$ (05)

Q.2 Simplify following:- (20)

a. $\left[\left(-\frac{4}{9} \right)^2 \right]^8 \div \left[\left(-\frac{4}{9} \right)^3 \right]^5 \times \left(-\frac{4}{9} \right)$

b. $2x^2(x^3 - x) - 3x(x^4 - 2x) + 2(x^4 - 3x^2)$

c. $1\frac{1}{3} + \frac{5}{2} + \frac{1}{4}$

d. $\left(\frac{4}{9} \right)^{-5} \times \left(\frac{2}{3} \right)^4 \div \left[\left(\frac{2}{3} \right)^{-4} \div \left(\frac{2}{3} \right)^{-4} \right]$

Q.3 The area of a circle is 172.1 cm^2 . Find the circumference of the circle. (05)

Q.4 A train covers a distance of 360 km in 5 hours. Find its speed in meters per second. (05)

Q.5 The price of a mobile is Rs 8,800 inclusive of 15% GST. What is the original price of the mobile? (05)

Q.6 The radius of a cylinder is 1.4 cm and length is 5.2 cm. Calculate the surface area of the cylinder. (05)

Q.7 Find the markup on a loan of Rs 45,000 for 73 days at the rate of 10% per annum. (05)

Q.8 The length of a marriage hall is 4 times as much as its breadth. If the perimeter of hall is 240m, find the length and breadth of the marriage hall. (05)

Q.9 Find the square roots of the following fractions:- (10)

a. $1\frac{63}{81}$

b. $\frac{4096}{15129}$

Q10. Factorize the following:- (10)

a. $\frac{k^2}{m^2} a^2 - \frac{2k}{n} ab + \frac{m^2}{n^2} b^2$

b. $k^2b^2 - 13kb - 2kb + 26$

CADET COLLEGE SKARDU
WRITTEN TEST CLASS VIII 2024

Subject: **English**
Time Allowed: **1 Hour**

Total Marks: **75**
Class: **8th**

Note : Attempt All Questions & Use Answer Sheets

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.

- Q.1 Change the narration:- (05)
- a. The teacher said, "Those who dig a pit for others, fall in it themselves".
 - b. I said to him, "Please wait till I return."
 - c. Mother said to us, "Do not tell a lie."
 - d. The Master said, "Close the door".
 - e. He said to me, "What are you doing."
- Q.2 Change the voice of the following:- (05)
- a. Why did you beat him?
 - b. Do not let your time be wasted.
 - c. Who knocked at the door?
 - d. I know him.
 - e. Who wrote it?
- Q.3 Correct the following sentences:- (10)
- a. Why did you killed him?
 - b. She is smallest of all.
 - c. She travels mostly on trains.
 - d. He keeps long hairs.
 - e. He hails by Lahore.
 - f. Try to immediately call the doctor.
 - g. He is blind from one eye.
 - h. What is she from you?
 - i. Trust by God. .
 - j. He was bathing in the river.
- Q.4 Do as directed:- (05)
- a. She is very fat. (Change into interrogation)
 - b. Would you please drink coffee? (Change into imperative)
 - c. She is known me? (Supply preposition)
 - d. Did you swim in the cold water? (Change into Past Continuous Tense)
 - e. My word I you give. (Arrange in proper order)

Q.5 Change the voice of the following:-

(10)

- a. He wrote the book beautifully.
- b. I had been punished.
- c. We must look into the matter.
- d. Nobody can repair this broken vase.
- e. People play football all over the world.
- f. She will look after the little girl.
- g. They gave me two thousand rupees.
- h. I bought Aslam a book.
- i. You promised me a present.
- j. Who teaches you English?

Q.6 Write a letter to your friend congratulating him on his success in the examination.

(10)

Q.7 Write an essay on any one topic. "Patriotism" OR "Morning Walk",

(10)

Q.8 Use the following pair of words in your own sentences:-

(10)

- a. Check, Cheque
- b. Dose, Doze
- c. Berth, Birth
- d. Ceiling, Sealing
- e. Die, Dye

Q.9 Translate following into English:-

(05)

- ۱۔ بھینس کے آگے بین بجانا۔
- ۲۔ کیا تم کبھی اسلام آباد گئے ہو؟
- ۳۔ مالی دو گھنٹوں سے پودوں کو پانی دے رہا ہے۔
- ۴۔ زمیندار کھیت میں ہل چلا رہا تھا۔
- ۵۔ وہ بچپن سے کرکٹ کھیل رہا ہے۔

Q.10 Use appropriate preposition:-

(05)

- a. He was angry _____ my behavior.
- b. The dues must be paid _____ cash.
- c. I placed my hand _____ the table
- d. I cannot believe _____ you.
- e. He is eligible _____ this post.

کیڈٹ کالج سکردو
انٹری ٹیسٹ کلاس ہشتم 2024

کلاس: ہشتم

پرچہ: اردو

کل نمبر: 75

وقت: 1 گھنٹہ

- نوٹ: جوابات کے لیے جوابی کاپی کا استعمال کریں۔
- (10) سوال نمبر ۱۔ مندرجہ ذیل اصطلاحات کی مختصر تعریف کریں۔
- (۱) مطلع (ب) استعارہ (ج) ردیف (د) مقطع (ر) اسم مصدر
- (10) سوال نمبر ۲۔ مندرجہ ذیل الفاظ کے متضاد لکھیے۔
- (۱) اکثریت (ب) غربت (ج) اقبال (د) حریف (ر) شجاع
- (س) مغلوب (ش) عروج (ص) سپوت (ض) صادق (ط) میزبان
- (10) سوال نمبر ۳۔ مندرجہ ذیل الفاظ کے مترادف لکھیے۔
- (۱) حاجت (ب) مفلس (ج) تنگ (د) قصر (ر) گردوں
- (س) حزن (ش) آبرو (ص) شکوہ (ض) لحد (ط) اجنبی
- (10) سوال نمبر ۴۔ جملے بنا کر متشابہ الفاظ کا فرق واضح کریں۔
- (۱) الم، علم (ب) ہلال، حلال (ج) نکتہ، نقطہ (د) کسرت کثرت (ر) نذر، نظر
- (10) سوال نمبر ۵۔ مندرجہ ذیل محاورات کو جملوں میں استعمال کریں۔
- (۱) بلائیں لینا (ب) باچھیں کھل جانا (ج) بھانڈا پھوڑنا (د) آنکھیں چار ہونا (ر) رفوچکر ہونا
- (10) سوال نمبر ۶۔ مندرجہ ذیل الفاظ میں سے واحد کے جمع اور جمع کے واحد لکھیے۔
- (۱) علت (ب) اجداد (ج) زیور (د) حاشیہ (ر) فرعون
- (س) اسم (ش) تاریخ (ص) سلاطین (ض) دوا (ط) اسلوب
- (05) سوال نمبر ۷۔ ہر کھاتا ہے رگِ خاشاک میں جس کا لہو "اس مصرع کا مفہوم اور شاعر کا نام لکھیں۔
- (05) سوال نمبر ۸۔ "تعلیم نسواں" یا "شہری و دیہاتی زندگی" پر مختصر نوٹ لکھیں۔
- (05) سوال نمبر ۹۔ والد صاحب کے نام خط لکھ کر اپنی تعلیمی سرگرمیوں سے آگاہ کریں۔