



Cadet College Thelum

Syllabus for Entrance Test 2021

Class: 7th

Subject	Class	Publisher	Chapter#/Unit#	Chapter/Unit Name
Science	6	Punjab Text Book Board	Chapter #1	Cellular Organization of Plants and Animals
			Chapter #2	Sense Organs
			Chapter #5	Atoms, Molecules, Mixtures and Compounds
			Chapter #8	Energy and its forms
			Chapter#9	Forces and Machines
			Chapter#10	Properties of light
Maths	6	Punjab Text Book Board	Unit # 1	Sets
			Unit #2	Whole numbers
			Unit # 3	Factors and Multiples
			Unit #8	Introduction to Algebra
			Unit# 9	Linear Equations
			Unit# 10	Perimeter and Area
English	6	Punjab Text Book Board	Complete Book	
Urdu	6	Punjab Text Book Board	Complete Book	



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Paper Pattern for Class-7th

PAPER: ENGLISH

Maximum marks: 50

Q 1: Write an essay on any one of the following. 10

- (a) The policeman (b) My school (c) My favorite game

Q 2: Answer these questions in five sentences. 05

- i. Why do you want to join Cadet College?
- ii. What is your daily routine?

Q 3: Complete the following sentences; inserting the plural forms of the nouns in brackets. 05

- i. The (girl) are playing with their (friend).
- ii. The (sheep) graze in the (field).
- iii. These (tree) shed their (leaf) in autumn.
- iv. Keep (knife) away from the reach of (child).
- v. The (man) gather (strawberry) to make jam.

Q.4: Change the following sentences into negative and interrogative. 10

- i. I will go to the market today.
- ii. They reached Lahore yesterday.
- iii. You play hockey.
- iv. The wet shirt dries in the sun.
- v. She will complete her work.

Q 5: Use the correct form of verb given in the brackets to make past continuous tense. 05

- i. When I saw him, he (go) to school.
- ii. While saeeda (pluck) flowers, the gardener came.
- iii. The light went out when I (take) tea.
- iv. When you were writing a letter, I (read) a book.
- v. I (take) rest when the bell rang

Q 6: Complete the following sentences with adjective given in the brackets in form of

Comparison.

05

- i. My father is four years_____ (old) than my mother.
- ii. Fatima is the _____(young) of the six children.
- iii. Zara is the_____ (tall) girl in the class.
- iv. This is the_____ (interesting) story I have ever read.
- v. Salman is a _____(hardworking) student.

Q 7: Translate into Urdu.

10

Etiquettes are the correct rules for behavior in a society. It is very important to do the right things when you are on the road. It means knowing the difference between life and death. That is why everybody should follow travelling etiquettes. School boys should particularly understand and follow travelling etiquettes.





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Paper Pattern for Class-7th

PAPER: MATHEMATICS

Maximum marks: 50

Q .1: Fill in the blanks. 05

- i. One to one correspondence cannot be established between _____ sets.
- ii. _____ means a specific property of an object that enables it to be an element of a set or not.
- iii. The symbol _____ means does not belong to the set.
- iv. _____ Set is also known as null set.
- v. Elements of any set are never _____.

Q .2: Answer the following questions. 10

- i. What is a number?
- ii. What are the numerals?
- iii. Why 0 is called the additive identity?
- iv. Which whole number is the successor of 0?
- v. What is meant by the commutative law of addition?

Q.3: Find the HCF of the following numbers, using the long division method. 05

155, 341, 1302

Q.4: Two containers have 850 liters and 680 liters of milk respectively. Find the capacity if a largest container which can measure in exact numbers of items. 05

Q.5: Simplify. 05

$$[a + b + \{a - c + (a + b + \overline{b - c})\}]$$

Q.6: Evaluate the following when a=2 b=1 c=1 05

$$\frac{ab}{bc} + \frac{ac}{bc}$$

Q.7: Solve the following equation. 05

$$x + 4 + x - 2 = 0$$

Q .8: Construct the triangle by using a protector, a pair of compasses and ruler. 05

$$m \overline{OA} = 8.0 \text{ cm} \quad m \overline{OB} = 6 \text{ cm} \quad m\angle AOB = 90^\circ$$

Q.9: The base of a triangular shaped clock is 28 cm and height is 32 cm. Find the area of the clock that it will cover on the wall. 05





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Paper Pattern for Class-7th

Paper-Science

Maximum marks: 50

Q. 1: Write Proper term/word against each statement.

(5)

- i. A group of different tissues which work together.
- ii. The brain of the cell which controls its functions.
- iii. An organism consists of several cells.
- iv. A group of cells which are similar in structure and function.
- v. Outer covering of a plant cell.

Q. 2: Circle the letter of the best answer.

(5)

- i. The control room of our body is:
a) Heart
b) Stomach
c) Brain
d) Liver
- ii. The most sensitive part of our eye is:
a) Retina
b) Cornea
c) Pupil
d) Lens
- iii. A dumb by birth cannot speak. He/She also has no:
a) Sense of touch
b) Sense of taste
c) Sense of hearing
d) Sense of sight
- iv. Help to maintain the body balance:
a) Outer ear
b) Inner ear
c) Middle ear
d) Ear drum
- v. Which senses of our body are closely related?
a) Touch and smell
b) Smell and taste
c) Touch and taste
d) seeing and touch

Q. 3: Answer the questions.

(10)

- i. Define cell.
- ii. Define compound.
- iii. Write symbols of the following elements.
Potassium Nitrogen Sodium Gold Mercury Silver
- iv. Define a gear.

Q.4 Relate physical properties of metal elements with their uses.

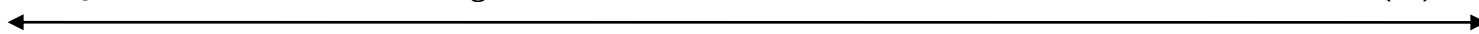
(10)

Q.5 what is difference between potential and kinetic energy? Give two examples.

(10)

Q.6 Describe in detail the image formation in a concave mirror.

(10)





Paper Pattern for Class-7th

Paper-Science

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کیڈٹ کالج جہلم



کل نمبر: 50

پیپر پیٹرن اردو برائے داخلہ ٹیسٹ (جماعت ہفتم)

10

سوال نمبر 1- درج ذیل سوالات کے مختصر جواب تحریر کریں۔

- i. نشان حیدر پانے والے پانچ شہداء کے نام لکھیں۔
- ii. اردو ادب کے پہلے ناول نگار کا کیا نام ہے؟
- iii. مولانا ظفر علی خان کے والد کس محکمے میں ملازم تھے؟
- iv. فقیر نے کس شرط پر سوداگر کو خزانے کا پتہ بتایا؟
- v. برصغیر کی آزاد اسلامی مملکت "پاکستان" کا نام کس نے تجویز کیا؟

05

سوال نمبر 2- درج ذیل لفاظ کے متضاد لکھیں۔

زمین خوشی ابد پھول روشن

10

سوال نمبر 3- پرنسپل صاحب کو ضروری کام کیلئے چھٹی کی درخواست لکھیں۔

10

سوال نمبر 4- "جھوٹ کا انجام برا" کے عنوان سے کہانی لکھیں۔

10

سوال نمبر 5- قائد اعظم کے متعلق کم از کم دس جملے لکھیں۔

05

سوال نمبر 6- واحد کی جمع اور جمع کے واحد لکھیں۔

ممالک حصہ

نکات نتیجہ

عالم

