



# THE PUNJAB SCHOOL

## ADMISSION TO CLASS VII

This is for the information of the parents that a few vacancies for admission to the Class arise occasionally. These are purely merit-based admissions.

Admissions to these vacancies are finalized on the basis of the results of the written examination in the subjects of English, Urdu, Mathematics, Science and a subsequent interview. An oral test for Quran is conducted separately.

**Syllabi for the written examination are as follows:**

**ENGLISH: Essays/Composition of about 100 words:**

**Grammar:** Use Of Verbs, Adverbs, Auxiliary Verbs, Articles, Prepositions, Singular/ Plural, Masculine/ Feminine, Nouns (Proper & Common, Collective, Abstract), Pronouns ( Personal, Relative, Reflexive) Synonyms, Antonyms (Fill in the blanks, Match the columns, Identification, Underline the correct Part of Speech, Correct use of Verb, Correct subject and verb agreement etc.)

**Composition: Descriptive and Narrative Writings** (Descriptive e.g. The Use of Library etc.) (Narrative e.g. A Visit to a Historical Place etc.) (about 100 words), **Letter** (Formal/Informal e.g. to friend/parents, sister/brother about your summer vacation, to departments i.e. Telephone, Wapda, Council to draw attention towards social issues etc. ) **Application** (Formal e.g. for one week leave etc.), **Story Writing** (Morals/Titles: Honesty is the best Policy), Sentence making, Spelling(missing letters), Reading Comprehension ( Q/Ans, etc.), **Tenses** (Translation from Urdu in to English, Present, Past and Future Indefinite, Continuous and Perfect)

**MATHEMATICS:** Prime numbers up to 130, HCF and LCM. Integers, rational and real numbers. Addition Subtraction of algebraic expressions, simplification of linear expression with fractional coefficients. Linear equation. Unitary method, direct and inverse proportion. Percentage of a number, word problems related to percentage. Problem related to vertically opposite angles, angles on a straight line, angles around a points alternate interior angles, corresponding angles.

**SCIENCE Skill:** What is science, lab safety, Life processes, Animal and Plants cells, special cells structure and jobs, cell, tissues & organ, sense organs (eye & ear), Conductors, & insulators, current, voltage, series & Parallel circuits, resistance, Chemistry of photosynthesis, the starch test, Particle model of solids liquids, gases, evidence for particle model, expansion & contraction, why do things float, weight, Friction and Air pressure, Food types, Food test, digestion, enzymes, Elements, compound and mixture, metals & non metals, atom, molecules, Biotic and Abiotic Factors, Habitat (Food chain, food web, energy flow through ecosystem, predator & pray) separating solids from liquids. crystal from solution, separating solids from mixture, solubility.

**Urdu:**

تخلیقی تحریر: مضمون، کہانی، درخواست، مکالمہ، تفہیم عبارت، متبادل جملے وغیرہ۔ گرامر: (مکمل) متضاد، مترادف الفاظ، جملوں کی درستی اور تکمیل، الفاظ کا جملوں میں استعمال، واحد، جمع، مذکر، مؤنث، الفاظ معنی، (الما)

**Quran:**

(کل نمبر 25) \* ناظرہ: پارہ نمبر 12 اور نمبر 13، \* حفظ: سورۃ التین، \* نماز: مکمل مع ترجمہ۔ دعا: رَبَّنَا آتِنَا فِي الدُّنْيَا حَسَنَةً وَفِي الْآخِرَةِ حَسَنَةً وَقِنَا عَذَابَ النَّارِ۔

A list of successful candidates is displayed on the notice boards in their respective wings. The parents have to collect information sheets, books list, syllabi etc along with the prescribed Admission Form duly signed by the wing head. These forms along with the dues should be submitted in the Fee Section.

Only after the observance of the above-mentioned formalities, a student correctly attired in prescribed School Uniform and possessing the relevant books and stationery, is eligible to sit in the class.

**NOTE:** Model Question Papers are enclosed. Please note that **prescribed topics** are purely guidelines as per level VI for the preparation of Admission Test. Marks allocation and nature of questions in actual papers may vary in any subject.

Day/Date	Subject	Time
Sunday 17 <sup>th</sup> February 2019	Science	8:30 am to 10:00 am
	English	10:05 am to 11:35 pm
	Quran (Oral)	11:45 pm to 1:00 pm
Monday 18 <sup>th</sup> February 2019	Mathematics	11:00 am to 12:30 pm
	Urdu	12:35 pm to 2:05 pm

**MODEL PAPERS FOR ADMISSION TO CLASS VII  
MATHEMATICS**

Time Allowed: 1:30 hrs

Total marks: 75

**Note:** Attempt the following questions on the Answer Sheet. Use of calculator is not allowed.

Q1. (a) If  $A = \{1, 3, 5, 7, 9\}$  and  $B = \{2, 4, 6, 8, 10\}$  then find  $A \cap B$  and  $B - A$  (5+5+5)

(b) Find H.C.F of 77, 91 and 143 (c) Evaluate:  $160 \div (-40) - 20 \div (-5)$

Q2. Evaluate and express your answer in lowest term. (10)

$$\left[ -\frac{1}{4} - \left(-\frac{1}{3}\right) \right] \div \left( \frac{1}{4} - \frac{1}{3} \right)$$

Q3. (a) Find the value of  $(16-24)-(57-77) \div 2$  (5 + 5)

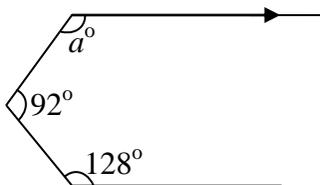
(b) Simplify  $\frac{1}{2}[8x+10-6(1-4x)]$

Q4. (a). Find the marked price if 20% discount is Rs 80. (5+5)

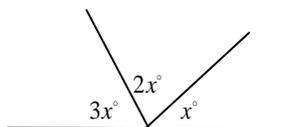
(b). 150 men repair a road in 15 days. In how many days 250 men will repair the same road?

Q5. (a). If  $x : 15 = 30 : 45$ , then find x. (5+5)

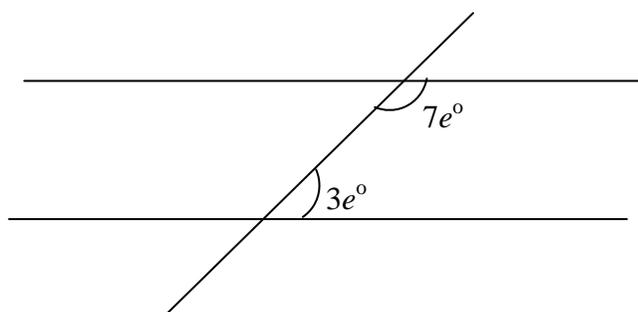
(b) Find  $a^\circ$



Q6. (a) Find  $x^\circ$  (5+5)



(b) Find  $e^\circ$



Q7. (a) There are 20 boys and 18 girls in a class. Find the percentage of Boys in the class. (5+5)

(b) Expand and simplify  $y - \frac{2}{3}(ax - 3y)$

**MODEL PAPERS FOR ADMISSION TO CLASS VII  
SCIENCE**

**Time: 1:30 hr**

**Total Marks: 75**

**OBJECTIVE TYPE**

**Q1. (a) Four possible options are given for the following. Tick (✓) the correct answer. (15)**

1. The study of all substances that make up the physical world around us.  
(a) Biology                      (b) Chemistry                      (c) Physics                      (d) Science
2. The lowest possible temperature is ,  
(a) -173                      (b) -273                      (c) 273                      (d) -373
3. Which of these is a measurement of length?  
(a) Centimeter                      (b) Cubic centimeter                      (c) Centiliter                      (d) Square centimeter
4. Different kinds of plants on Earth are about,  
(a) 30000                      (b) 3000                      (c) 300000                      (d) 300000000
5. Hydrotropism is the response of moving toward,  
(a) Temperature                      (b) Water                      (c) Light                      (d) Gravity
6. The amount of light entering the eye is controlled by,  
(a) Retina                      (b) Lens                      (c) Iris                      (d) Cornea
7. Which of the following is not the part of the circulatory system?  
(a) Arteries                      (b) Heart                      (c) Lungs                      (d) Veins
8. The volume taken up by a gas in empty space is more than  
(a) 9.99%                      (b) 99.99%                      (c) 88.88%                      (d) 77.77%
9. Where in plant does photosynthesis is mainly take place?  
(a) Flowers                      (b) Leaves                      (c) Stem                      (d) Roots
10. Food carry in plants by tubes called  
(a) Capillaries                      (b) Phloem                      (c) Xylem                      (d) Veins
11. The unit of force is  
(a) Joules                      (b) Kilojoules                      (c) Newton                      (d) Pascal
12. The alimentary canal is long about,  
(a) 5m                      (b) 10m                      (c) 11m                      (d) 22m
13. Which of the food type supply energy?  
(a) Carbohydrates                      (b) Fats                      (c) Proteins                      (d) Mineral salts
14. Which of these is not a property of a metal?  
(a) Bends easily                      (b) Powdery                      (c) Conduct heat                      (d) Rings when hit
15. Secondary consumers are usually  
(a) Carnivores                      (b) Herbivores                      (c) Producers                      (d) Decomposers

**(b) Fill in the blanks. (10)**

1. A mixture is an example of \_\_\_\_\_.
2. Lipase is an enzyme which breaks down \_\_\_\_\_.
3. A camel stores in its \_\_\_\_\_ for when there is no food available.
4. Methane is used as a \_\_\_\_\_.
5. Lithium has \_\_\_\_\_ neutrons.
6. A starch molecule is made from lots \_\_\_\_\_ molecules.
7. Air resistance can be reduced by using shape \_\_\_\_\_.
8. The random motion of matter is called \_\_\_\_\_.
9. Root hair cells take in water by a diffusion process called \_\_\_\_\_.
10. A reed switch is operated by \_\_\_\_\_.

## SUBJECTIVE

**Q2: Answer these short questions.**

**(20)**

1. Where are your taste buds?
2. Define food web?
3. What does nocturnal means?
4. What is proof that air is a mixture ?
5. What does sonorous means? Name a sonorous element.
6. What is biological catalyst?
7. Where is bile made?
8. What is tissue? Name three types of tissues.
9. Why do plants need mineral elements?
10. What is diffusion?

**Answer the followings.**

**(30)**

Q3 a).Name the three types of enzymes and say what food type they digest.

4

b). Explain how can you keep your balance?

6

Q4 a). Describe the difference between series and parallel circuit.

5

b). Explain how minerals get into the soil?

5

Q5 a). Explain how balanced forces enable a boat to float?

5

b).Name the enzymes in intestinal juices. Explain what they do?

5

**MODEL PAPERS FOR ADMISSION TO CLASS VII**  
**ENGLISH**

Time Allowed: 1:30 hrs

Total marks: 75

**Part I**

**Note:** Use this question paper to write the answers to the following questions. No marks will be awarded for cutting or over writing. This paper must be tagged with the Answer Sheet.

**Objective type**

**Q1: (a) Write the correct form of verb in the blank given in the bracket.**

(5)

1. He has \_\_\_\_\_ his duty.(do)
2. She \_\_\_\_\_ me a story. (tell)
3. She \_\_\_\_\_ to school daily. (go)
4. I \_\_\_\_\_ a lot of letters yesterday. (write)
5. They \_\_\_\_\_ a football match yesterday. (play)

**(b) Fill in the blank with suitable preposition:**

(5)

1. He is ill \_\_\_\_\_ fever.
2. She is not \_\_\_\_\_ his office.
3. Let us go \_\_\_\_\_ the garden.
4. He was standing \_\_\_\_\_ the door.
5. Hard work is the key \_\_\_\_\_ success.

**(c) Underline the adverbs from the following sentences:**

(5)

1. I work hard for the examination.
2. He often goes to Lahore.
3. She wept bitterly.
4. The rose smells sweet.
5. He writes well in the paper.

**(d) Fill in the blank with the suitable relative pronoun:**

(5)

which, that, who, whose, whom

1. I can't find the book \_\_\_\_\_ has exciting stories.
2. I don't know the boy \_\_\_\_\_ pencil I am using.
3. This is the boy \_\_\_\_\_ works hard.
4. The cat drank the milk \_\_\_\_\_ was on the table.
5. This is my friend with \_\_\_\_\_ I played in my childhood.

**(e) Change the gender of the following words:**

(5)

author	
colt	
stag	
priest	
negro	

(f) Write the opposite of the following words:

(5)

1. to succeed \_\_\_\_\_
2. to oppose \_\_\_\_\_
3. danger \_\_\_\_\_
4. wealth \_\_\_\_\_
5. amateur \_\_\_\_\_

(g) Write the missing letter.

(5)

- (1) distin\_uish      (2) cour\_ge      (3) fur\_ow      (4) path\_tic      (4)appear\_nce

**Subjective type**

Q2: Write an essay on any one of the following topics:

(10)

(a) A Rainy Day

(b) My Favourite Personality

Q3: Write a letter to your father telling him about your progress in studies.

(10)

**OR**

Write a story with the moral. "Greed is curse"

Q4: Write the sentences of the following words.

(5)

- i) argument      ii) eager      iii) hatched      iv) preserve      v) echo

Q5: Read the paragraph and answer the following questions.

(10)

Once a shepherd went out to graze his sheep but he left the hound at home to look after his baby of two years. When the shepherd had gone away, a wolf entered his house. He wanted to kill the baby but the hound at once rushed upon the wolf. There was hard fight between the two and the hound killed the wolf.

**Question:**

1. Why did the shepherd go out?
2. Why did he leave the hound at home?
3. How old was the baby?
4. When did the wolf enter the house?
5. What was the result of the fight between the two?

Q6: Translate the following into English.

(5)

1. دھوئی کپڑے دھو چکا ہے۔

2. وہ اپنا وقت ضائع کرتا ہے۔

3. تم نے کھانا نہیں کھایا ہوگا۔

4. کسان فصلیں کاٹ رہے ہوں گے۔

5. کیا اس نے گانا نہیں گایا؟