



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 is given bellow:

ENGLISH:

Grammar: Noun, Proper, Common, Collective, Countable and Uncountable nouns, Verbs Auxiliary Verbs, Articles, Preposition, Singular and Plural nouns, Masculine and Feminine, Pronouns (Personal and Reflexive) Synonyms, Antonyms, Preposition, Articles and Punctuation.

Essays/Composition of about 100 words: 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: e.g. Title: An Honest Woodcutter, Moral: Honesty is the best Policy), Sentence Formation, Spelling(missing letters), Reading Comprehension (Q/Ans, etc.), **Tenses** (Translation from Urdu into English, Present, Past and Future Indefinite, Continuous and Perfect)

MATHEMATICS -7 (PCTB): Sets, Rational Number, Decimals, Exponents, Square root of positive numbers, Information handling.

Note: Use of calculator is not allowed. Questions shall be seen / unseen

SCIENCE: Temperature and heat , Heat is about moving particles , Transfer of heat , The vacuum flask , More about changing state , Plants tissues and organs , Transport in plants , leaves , Transporting food , Osmosis , Transpiration , Flower , Chemical symbols , The arrangement of electrons , What are ions? The periodic table , Atoms, molecules , and chemical formulas , Combining elements to make compounds,

Urdu:

مضمون، کہانی، درخواست، مکالمہ، تفہیم و تشریح (نظم و نثر) بنیادی گرامر (مکمل) متضاد، مترادف الفاظ، جملوں کی درستی اور تکمیل، الفاظ کا جملوں میں استعمال، واحد، جمع، مذکر، مؤنث، الفاظ معنی، (الفاظ)

Quran:

(کل نمبر 25) *حفظ: سورۃ البینہ، سورۃ القدر، *نماز: مکمل مع ترجمہ۔ دعائیں: 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 pure guidelines. Marks allocation and nature of questions in actual papers may vary in any subject.

Day / Date	Subject	Time
Monday 1st August 2022	Mathematics	8:30 am to 10:00 am
	Urdu	10:05 am to 11:35 am
	Quran (Oral)	11:40 am to 12:00 noon
Tuesday 2nd August 2022	Science	8:30 am to 10:00 am
	English	10:05 am to 11:35 am

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 blanks 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) Fill in the blanks with correct articles: a, an: (5)

1. There is _____ book on the table.
2. Sara had _____ egg for break fast.
3. Please give me _____ apple.
4. I saw _____ small cat in the park.
5. Maria bought _____ umbrella.

(d) Underline countable nouns in the given sentences: (5)

1. There are many shops.
2. She bought fruits and vegetables.
3. We enjoyed tea in the café.
4. My mother bought some onions.

(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 to complete the words: (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. دھوبی 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؟

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

Time Allowed: 1:30 hrs

Total marks: 75

Q1. Encircle the correct answer.

/15

Sr. No	Questions	A	B	C	D
2	To write an empty we use symbol.	\cup	\subseteq	ϕ	\cap
3	If $A = \{1, 2\}$, $B = \{a, b\}$, then $A \cap B$ is:	$\{1, 2, a, b\}$	ϕ	A	B
4	If $A \cap B = \phi$ then sets A and B are called _____ sets.	Overlapping	Universal	Disjoint	Empty
5	$A = \{1, 2, 3\}$ and $B = \{3, 4, 5\}$ are _____	Disjoint sets	Overlapping set	Sub sets	Universal set
6	$\frac{1}{3} + \frac{1}{2} =$ _____	$\frac{1}{5}$	$\frac{1}{6}$	$\frac{2}{5}$	$\frac{5}{6}$
10	The _____ number has no reciprocal.	0	1	2	3
11	Which of the following symbol means approximately?	:	\neq	\approx	\in
12	A fraction will be _____ if the denominator has 2 or 5 or both as factors.	Non-terminating	Terminating	Recurring	Rational
13	When we change 0.75 to rational number we get:	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{3}$	$\frac{1}{4}$
14	Round off 2.3427 up to 3 decimal places.	2.342	2.343	2.352	2.253
16	$a^m \times a^n =$ _____	$a^{m \times n}$	a^{m-n}	a^{m+n}	$2a^{m+n}$
17	$(3^0 + 2^0) \div 7^0 =$ _____	$\frac{7}{5}$	$\frac{1}{2}$	$\frac{5}{7}$	2
18	$(-5)^2 =$ _____	25	-25	-10	10
19	$10^{-2} =$ _____	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{10}{13}$	100
20	$(a)^7 \div (a)^2 =$ _____	a^2	a^5	a^{-5}	a^{14}

Subjective Type

Q.2: Attempt all question questions:

(15×2=30)

- i. If $S = \{0, 2, 4\}$ and $T = \{1, 2, 3, 4\}$, find $T - S$.
- ii. If $A = \{1, 2, 5, 8\}$ and $B = \{2, 4, 6\}$, find $A \cup B$
- iii. If $U = \{1, 2, 3, 4\}$ and $A = \{2, 3\}$ find A' through Venn diagram.
- iv. If $C = \{x / x \in z \wedge -2 < x < +2\}$, write the set in tabular form.
- v. Represent $-3\frac{1}{3}$ on the number line.
- vi. Find multiplicative inverse of $\frac{3}{4}$ and verify.
- vii. Simplify: $\frac{121}{169} \div \frac{11}{13}$
- viii. Simplify $\frac{4}{3} - \left(\frac{-2}{9}\right)$
- ix. Convert 0.25 to rational number.
- x. Why $\frac{19}{25}$ is a terminating decimal?
- xi. Round off 25.4993 to 3 decimal places.

xii. Express the rational number using an exponent 81

xiii. Evaluate $[(-3)^7]^0 \times [(-3)^2]^2$

xiv. Simplify: $\left(\frac{2}{5}\right)^3 \times \left(\frac{5}{3}\right)^3$

xv. Simplify: $\left(\frac{2}{3}\right)^3 \times \left(\frac{2}{3}\right)^0 \times \left(\frac{2}{3}\right)^{-3}$

Note: Attempt all questions.

Q.3: (a) If $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$, $A = \{1, 3, 5, 7, 9\}$ show that $A \cup A' = U$ (5 + 5)

(b) Arrange $\frac{4}{7}, \frac{1}{3}, \frac{5}{6}$ in descending order

Q.4: (a) Express the rational number up to three decimal places $\frac{1}{7}$ (5 + 5)

(b) Express $\frac{5}{8}$ as a terminating decimal.

Q.5: (a) Simplify: $\left[\left(\frac{-3}{4}\right)^0\right]^3 \times \left[\left(\frac{-3}{4}\right)^2\right]^2$ (5 + 5)

(b) Simplify: $\frac{\left(\frac{-2}{a}\right)^5 \times \left(\frac{-2}{a}\right)^{-5}}{\left(\frac{3}{2}\right)^4 \times \left(\frac{3}{2}\right)^{-4}}$

MODEL PAPERS FOR ADMISSION TO CLASS VII
SCIENCE

Time: 1:30 hr

Total Marks: 75

OBJECTIVE TYPE

Q1: (a) Four possible answers are given for the following questions. Encircle the correct answer. /15

- (i) In Celsius scale the melting point of ice is:
(a) 0 degree (b) 10 degree (c) 32 degree (d) 100 degree
- (ii) The movement of heat through solid is called:
(a) conduction (b) convection (c) radiation (d) insulation
- (iii) The vacuum flask was invented by Sir James Dewar in _____.
(a) 1892 (b) 1992 (c) 1792 (d) 1692
- (iv) Salol is a sweet-smelling chemical used in making of _____.
(a) milk (b) ice cream (c) soap (d) juice
- (v) Photosynthesis takes place in _____.
(a) roots (b) stem (c) leaves (d) flower
- (vi) The part of a plant that absorbs water is:
(a) stem (b) root (c) leaf (d) flower
- (vii) Xylem tissue carries _____ from roots to leaves.
(a) water (b) minerals (c) water and minerals (d) sugar solution
- (viii) Leaves are usually _____ although other colors exist.
(a) green (b) pink (c) yellow (d) brown
- (ix) Banana leaves are very _____ to absorb a lot of sunlight
(a) narrow (b) broad (c) thin (d) sharp
- (x) Lots of holes are called _____.
(a) stoma (b) stomata (c) single whole (d) tiny whole
- (xi) Each stoma is surrounded by two _____ cells.
(a) big (b) small (c) guard (d) broad
- (xii) How many different elements are there in calcium carbonate (CaCO₃)?
(a) 2 (b) 3 (c) 4 (d) 5
- (xiii) The movement of heat through a liquid is called:
(a) conduction (b) convection (c) transmission (d) radiation
- (xiv) Male reproductive organ of flower is:
(a) carpel (b) sepal (c) stamen (d) stalk
- (xv) Atomic number of hydrogen is:
(a) 1 (b) 2 (c) 3 (d) 4

(b) Fill in the blanks using suitable words.

/6

- (i) The word xylem comes from the Greek _____.
- (ii) Different tissues combine to make an _____.
- (iii) The raffia palm has leaves up to _____ m long.
- (iv) In a compound, two or more atoms join together to form a _____.
- (v) The periodic table has several rows called _____.
- (vi) Calcium has _____ electrons in its outer shell.

(c) Match the column A with column B and write the correct answer in column C.

/4

Sr. No.	Column 'A'	Column 'B'	Column 'C'
1.	Methane	MgCl ₂	
2.	Magnesium chloride	NH ₃	
3.	Carbon dioxide	CH ₄	
4.	Ammonia	CO ₂	

(d) Draw and Label the diagram of flower

/6

(e) Give short answers of the following question.

(2+2)

(i) What is an ion? Write its types.

(ii) Why someone feels cold in a string vest but warm if wears a tight shirt over it?

SUBJECTIVE TYPE

Note: Attempt all question from part I and part II.

(Part I)

Q2: Write short answers of the following question.

(10 x 2 = 20)

- (i) What is temperature?
- (ii) What is the function of silver lining in a vacuum flask?
- (iii) List two jobs carried out by the roots of a plant.
- (iv) Name two kinds of plant tissue.
- (v) Why are leaves able to get gases in and out?
- (vi) What is nectar?
- (vii) What is transport system?
- (viii) Define ionic bonding.
- (ix) What is transpiration?
- (x) How many electrons do nitrogen and chlorine have in their outer shells?

(Part II)

Attempt all questions.

(20)

Q3: (a) Explain how a heater warms all the air in a room.

(3+3)

(b) Explain how heat is conducted along a metal bar.

Q4: (a) How are xylem and phloem tissue different?

(3+3+2)

(b) List four kinds of plant tissue.

(c) What are leaf veins?

Q5 : (a) Explain the terms atomic number and mass number.

(4+2)

(b) Define heat.

دی پنجاب سکول ماڈل پیپر برائے داخلہ جماعت ہفتم

پرچہ اردو

وقت: 1:30 گھنٹے

کل نمبر 75

نوٹ: مندرجہ ذیل سوالات کے جوابات اسی پرچہ پر تحریر کیجیے۔ کاٹ کر، مٹا کر لکھا ہوا جواب غلط تصور ہوگا۔ یہ حصہ لازماً جوابی پرچہ کے ساتھ
نتھی کیجیے۔

5

سوال نمبر ۱۔ خالی جگہوں کو "کے" یا "کہ" لگا کر پُر کیجیے۔

۱۔ علامہ اقبال نے اپنی شاعری..... ذریعے حسن اخلاق اور خودی کا درس دیا۔

۲۔ یہ ضروری نہیں..... ہر شخص ناکام ہو۔

۳۔ اس ملک..... متعلق آپ کیا جانتے ہیں؟

۴۔ کسی..... آگے ہاتھ پھیلانے سے بہتر ہے..... کہ انسان بھوکا رہ لے۔

10

سوال نمبر ۲۔ مناسب اسم ضمیر لگا کر جملے مکمل کیجیے۔

۱۔..... عقل مند انسان سے کچھ سیکھو۔

۲۔..... دوسروں کے لیے گڑھا کھودتا ہے..... خود اس میں گرتا ہے۔

۳۔ شیخ سعدی کا اصل نام شرف الدین تھا..... "معلم اخلاق" بھی کہلاتے ہیں۔

۴۔..... نے اپنا کام مکمل کر لیا ہے۔

۵۔ اگر..... محنت کرو گے تو امتحان میں اول آؤ گے۔

۶۔ یہ وہی لوگ ہیں..... معاف کر دیا گیا تھا۔

۷۔ ندیم آیا..... نے سبق پڑھا اور وہ چلا گیا۔

۸۔..... نے محنت کی اور..... آگے نکل گیا۔

5

سوال نمبر ۳۔ فعل مجہول کو فعل معروف میں تبدیل کیجیے۔

۱۔ خط لکھا گیا۔

۲۔ نعت پڑھی گئی۔

۳۔ فصل کاٹی گئی۔

۴۔ نئی سڑک بنائی گئی۔

۵۔ پاکستان کو نقصان پہنچایا گیا۔

10

سوال نمبر ۴۔ درج ذیل الفاظ کے معانی لکھیے۔ (کوئی سے دس)

5

سوال نمبر ۵۔ درج ذیل اشعار کو غور سے پڑھیے اور دو یا تین سطروں میں ان کا مرکزی خیال تحریر کیجیے۔

زندگی کی راہوں میں میں نے مہربان رب کو
جب بھی مشکلیں آئیں اپنے پاس پایا ہے

10

سوال نمبر ۶۔ درج ذیل نظم / عبارت کو پڑھ کر اپنے الفاظ میں جواب دیجیے۔ (نادیدہ)

ڈرتے ڈرتے دم سحر سے تارے کہنے لگے قمر سے
نظارے رہے وہی فلک پر ہم تھک بھی گئے چمک چمک کر
کام اپنا ہے صبح و شام چلنا چلنا ، چلنا ، مدام چلنا
بیتاب ہے اس جہاں کی ہر شے کہتے ہیں جسے سکون نہیں ہے
چلنے والے نکل گئے ہیں جو ٹھہرے ذرا کچل گئے ہیں

۱۔ قمر کا کیا مطلب ہے؟ ۲۔ ستاروں کی زندگی کیسی ہے؟ ۳۔ ہماری دنیا کی کیا خاصیت ہے؟

۴۔ اس نظم سے کیا سبق ملتا ہے؟ ۵۔ نظم کا عنوان کیا ہو سکتا ہے؟

سوال نمبر ۷۔ درج ذیل جملوں میں استعمال ہونے والے الفاظ کے متضاد / مترادف استعمال کر کے جملہ دوبارہ تحریر کیجیے۔

۱۔ زندگی اللہ کی نعمت ہے۔ ۲۔ اللہ ہمیں نیکی کی توفیق دے۔ ۳۔ سورج کی کرنیں زمین پر پڑیں۔

۴۔ علی غم سے نڈھال تھا۔ ۵۔ یہ ہمارے عروج کی داستان ہے۔

15

سوال نمبر ۸۔ "اپنی مدد آپ" کے عنوان پر مضمون تحریر کیجیے۔ (نادیدہ)

10

سوال نمبر ۹۔ املا کا پیرا گراف / الفاظ