



THE PUNJAB SCHOOL

Controller of Examination

Admission Test Syllabus to (Class VII) 2026
(Doc No : SyID- 07)

DOC. REF.
COE/14/04/26

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Issue # 01

Revision #: 00

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 below:

ENGLISH

Reading Comprehension: (Q/Answers), Word / Sentences

Grammar: Nouns (Countable, Uncountable and Abstract), Prepositions, Pronouns, Describing Words, Appositions, Active and Passive Voice, Punctuation, Homonyms/ Homophones, Anagrams, Proverbs, Metaphor, Prefixes, Suffixes, Phrasal Verbs

Essays/Composition of about 100 words: Composition: Health is Wealth) (Narrative e.g. A Village Life) (about 100 words)

Letter: (friend to a loan of camera.)

Application: (Formal e.g. for one week leave etc.)

Story Writing: A foolish Stag.

Tenses: Translation from Urdu into English, Present, Past and Future Indefinite Tenses

MATHEMATICS

Domain-1: Numbers and Operations, (Rational Numbers and Decimal Numbers, Simplification, Sets, Rate, Ratio and Proportion, Financial Arithmetic's, Squares and Square roots)

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

SCIENCE

Human Respiratory and Circulatory System: Breathing, Respiration, Blood Circulation, Blood, Structure of an Atom: Atom As a Neutral Particle, Shells or Orbits, Atomic Structures of First 18 Elements, Periodic Table,

Force and Motion: Force, Unit of Force, Relationship between speed, distance and time, contact and non-contact forces.

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، (الما)

Quran

(کل نمبر 25) * حفظ: سورۃ العلق، سورۃ القدر، * نماز: مکمل مع ترجمہ۔ دعائیں: رَبَّنَا آتِنَا فِي الدُّنْيَا حَسَنَةً وَفِي الْآخِرَةِ حَسَنَةً وَقِنَا عَذَابَ النَّارِ۔ مسنون دعائیں با ترجمہ۔

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
Wednesday 5 th August 2026	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
Thursday 6 th August 2026	Science	8:30 am to 10:00 am
	English	10:05 am to 11:35 am

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MATHEMATICS

Time Allowed: 1:30 hrs

Total marks: 75

Q1. Encircle the correct answer.

(15)

i	Which of the following is not a set?	$\{1, 2, 3\}$	$\{a, b, c\}$	$\{2, 3, 4\}$	$\{1, 2, 2, 3\}$
ii	Empty set is denoted by	Φ	\subseteq	\supseteq	\leftrightarrow
iii	$\{1, 2, 3\}, \{a, b, c\}$, are -----sets	sub	equivalent	empty	singleton
iv	$\{1, 2, 3, 4, 5, 6, 7\}, \{2, 4, 6\}$ then $A \setminus B$ is	$\{1, 2, 3, 5\}$	$\{1, 3, 5, 6\}$	$\{1, 3, 4, 6, 7\}$	$\{1, 3, 5, 7\}$
v	$8 \times 6 \div 3 - 2 = ?$	0	10	12	14
vi	The bracket () is -----	Vinculum	round	curly	box
vii	$\frac{1}{2}$ is a -----number	rational	natural	decimal	whole
viii	$1\frac{1}{2} - \frac{1}{2} - \frac{1}{2} - \frac{1}{2} = ?$	0	1	2	3
ix	Additive inverse of -7 is	-7	7	$\frac{1}{7}$	$-\frac{1}{7}$
x	Round off up to 3 significant figures 24.357	24.30	24.35	24.3	24.4
xi	The simplest form of the ratio 25: 75 is	1:2	2:1	1:3	3:1
xii	10 m/s is	rate	ratio	proportion	The simplest ratio
xiii	25% of 36 is	9	12	18	24
xiv	$\frac{1}{2} : \frac{1}{3} = \text{-----}$	2:3	3:2	6:2	6:3
xv	Round off 0.028635 to 3 significant figures is	0.029	0.0286	0.028	0.0287

SUBJECTIVE TYPE

NOTE: Write your Name, Roll Number and Section in the space given above. Use of ink remover and lead pencil is not allowed.

Q.2: Attempt all questions:

(30)

(i) Represent the numbers on the number line -8, -10, 11, 15, -6, 17

(ii) Represent the number on the number line $-3\frac{1}{2}$.

(iii) Compare the numbers $\frac{3}{5}$ and $\frac{5}{7}$.

(iv) Verify commutative property $\frac{1}{2}$ and $\frac{1}{3}$

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- (v) Add $\frac{3}{4} + \left(-\frac{2}{5}\right) + \left(-\frac{7}{5}\right)$.
- (vi) Simplify $\frac{1}{4} \times \frac{3}{2} \div \frac{3}{4} + 2$
- (vii) Write three types to express a set.
- (viii) Write proper subsets of $\{a, b\}$
- (ix) The set of first 5 whole numbers Write in tabular form.
- (x) Define disjoint sets.
- (xi) $N = \{1, 2, 3, \dots\}$, $W = \{0, 1, 2, 3, 4, \dots\}$, then find $N \cup W$.
- (xii) Find the decrease: 30 in the ratio 2:3
- (xiii) Speed of a truck is 90 m/s in first hour and 80 m/s in the second hour. Find the average speed of the truck.
- (xiv) Find the square root of 2304.
- (xv) Find the Value of w if w:2::24:48

PART – B

Attempt all questions:

(30)

Q3. (a) Verify the distributive property $\frac{15}{16} \times \left(\frac{8}{12} - \frac{2}{6}\right) = \left(\frac{15}{16} \times \frac{8}{12}\right) - \left(\frac{15}{16} \times \frac{2}{6}\right)$

(b) Simplify $2\frac{1}{3} \div \left[\frac{1}{3} - \frac{1}{5} - \left\{2 \times 2\frac{1}{2} - \left(\frac{1}{2} - \frac{1}{3} + \frac{1}{5}\right)\right\}\right]$

Q4. (a) A woman purchased a dress for Rs. 7500. If she sold it at 20% profit. Find sale price of dress.

(b) If $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$, $A = \{2, 3, 5, 7, 9\}$ Then show that $A \cap A^c = \Phi$

Q5. (a) Area of square shaped park is 1296 m^2 . Find length of its side.

(b) Ahmad mass was 140 kg and reduced his mass to 112 kg. In what ratio Ahmad reduced his mass?

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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) Fill in the blanks with a suitable preposition given: (5)

Since, between, off, for, from

- a. The boy placed his green bag _____ two big red bags.
b. My sister bought a bouquet _____ the florist.
c. He fell _____ the ladder.
d. I have not met my friend Alia _____ ages.
e. She is going abroad _____ four years.

(b) Change the form of these sentences from active to passive voice (5)

a. They clean the classroom every day.

b. He painted the wall.

c. A tractor ploughed the farmer's fields.

d. Generators can produce electrical power.

e. The scientist conducted an experiment.

(c) Punctuate the following sentences with capital letters, commas, apostrophes and full stop and rewrite these sentences in the space given: (5)

a. mr Ali is my favourite urdu teacher

b. please enter the room quietly

c. the peddler offers a great variety of brooches pendants necklaces bangles and laces for sale

(d) Use prefixes (un_, im_, dis_, mis_) to form the opposites of these words: (5)

- a. appeared _____
b. usual _____
c. patient _____
d. spell _____
e. like _____

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(e) Choose suitable words given at the end of every sentence to complete the sentence: (5)

- a. What is the _____ from Karachi to Lahore? (fare, fair)
b. She put her _____ at the bottom of the document. (sine, sign)
c. The pilot managed to bring down the _____ smoothly. (plane, plain)
d. She put her toys in the _____. (cartoon, carton)
e. Wow! What a beautiful _____ (scene, seen)

(f) Form anagrams with the following words: (5)

- a. pest _____ b. veto _____ c. anger _____
d. peon _____ e. meal _____

(g) Write the nouns from the following list in their respective column: (5)

water success laughter dress work

Abstract Noun	Countable Nouns	Uncountable Nouns

SUBJECTIVE TYPE

Q2: Use these words in sentences of your own. (5)

- a. happiness b. achievement c. eagerly d. mercy e. carefully

Q3: Write a composition of 100 words on 'Health is Wealth'. (10)

Q4: Write an application to the principal for an extra games period. (10)

Q5: Read the passage carefully and answer the questions given at the end: (10)

Overjoyed at his success, the Prince quickly climbed the tree, and there he saw the ring. He thrust his hand through it quite easily, and plucked one of the finest apples from the bough. Then he tried to withdraw his hand from the ring again but found that it had slipped up onto his arm, and was now closed tightly round it. To his surprise, the Prince now felt stronger than ever. His blood bounded through his veins, and when he had once more reached the ground, with the apple in his hand, he looked around him. He did not intend to climb back over the railing, but stepped up to the big Iron Gate and shook it till it opened with a mighty clang. The noise awakened the lion sleeping outside. The Prince walked on and the great animal followed him humbly as though it were a big dog.

Questions:

- a. What did the Prince see on the tree?
b. What did he pluck from the bough?
c. Who is referred to as 'the great animal'?
d. Write the opposites of the underlined words: 'quickly' and 'stronger'.
e. Write present participles of the provided verbs 'saw' and 'tried'.

Q6: Translate the following into English: (5)

1. پاکستان میچ جیت جائے گا۔
2. عائشہ روز ڈائری لکھتی ہے۔
3. مالی نے پھول توڑے۔
4. کیا آپ موسیقی سنتے ہیں؟
5. سارہ نے اپنا سبق یاد نہیں کیا۔

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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) Exchange of gases takes place in:

- (a) Lungs (b) Bronchioles (c) Alveoli (d) Blood

(2) The part of the heart which receive blood from lungs:

- (a) Left atrium (b) Right atrium (c) Left ventricle (d) Right ventricle

(3) Trachea divides into two:

- (a) Bronchi (b) Veins (c) Villi (d) Ribs

(4) Right atrium receives:

- (a) Oxygenated blood (b) Deoxygenated blood
(c) Both types of blood (d) No blood

(5) Aerobic respiration takes place in:

- (a) Mitochondria (b) Chloroplast (c) Nucleus (d) Blood vessels

(6) The mass of an atom is almost due to the:

- (a) Electron (b) Proton (c) Neutron (d) Nucleus

(7) The central part of an atom is called:

- (a) Electron (b) Proton (c) Neutron (d) Nucleus

(8) The K shell can accommodate _____ electrons:

- (a) 2 (b) 8 (c) 18 (d) 32

(9) The particle of an atom that has positive charge:

- (a) Electron (b) Proton (c) Neutron (d) Atom

(10) How many periods are there in the periodic table?

- (a) 5 (b) 6 (c) 7 (d) 8

(11) An example of contact force:

- (a) electrostatic force (b) muscular force
(c) magnetic force (d) gravity

(12) The force between two negatively charged particles is:

- (a) gravitational (b) frictional (c) repulsion (d) attraction

(13) Which one of the following statements is correct?

- (a) 1 m = 1000 km (b) m/s is the unit of displacement
(c) N is the unit of force (d) 1hr = 60 s

(14) A boy runs 240m in 80 seconds. What is his speed?

- (a) 2ms^{-1} (b) 3ms^{-1} (c) 5ms^{-1} (d) 10ms^{-1}

(15) For pushing and pulling the object, the _____ force is applied.

- (a) Frictional (b) Muscular (c) Electrostatic (d) All of these

(b) Fill in the blanks. (10)

1. Capillaries reunite to form small veins called _____.
2. The heart is enclosed in thin double layered transparent membrane called _____.
3. The symbol of potassium is _____.
4. The mass number of phosphorus is _____.
5. A column of the periodic table is called _____.

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6. The number of protons in an atom is called its _____.
7. The mass number of an element is denoted by _____.
8. The force exerted by a machine is called _____ force.
9. Force is a _____ quantity.
10. The SI unit of force is _____.

SUBJECTIVE

Q2: Answer these short questions.

(20)

1. Where does blood oxygenate?
2. Name different chambers of human heart.
3. What is anaerobic respiration?
4. Define atom.
5. What does electronic configuration mean?
6. In which group of the periodic table, oxygen is located?
7. Define contact forces.
8. What is gravitational force?
9. Define speed.
10. What is displacement?

Answer the following questions.

(30)

- Q3. (a) Differentiate between breathing and respiration. (5)**
(b) What is pneumonia? Write its symptoms treatment and preventive measures. (5)
- Q4. (a) Draw the atomic structures of carbon and sodium having atomic number 6 and 11 respectively. (5)**
(b) Explain why an atom is called neutral particle. (5)
- Q5. (a) State Newton's third law of motion and explain action and reaction forced. (5)**
(b) A student covers 80m in 8s and 120m in 12s. Calculate his average speed. (5)

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5

سوال نمبر ۶۔ درج ذیل اشعار کو غور سے پڑھیے اور دو یا تین سطروں میں ان کا مرکزی خیال تحریر کیجیے / اشعار کی تشریح کیجیے۔

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

10

سوال نمبر ۷۔ 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 پچل 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 ۸۔ درج ذیل جملوں میں استعمال ہونے والے الفاظ کے متضاد / مترادف / واحد / جمع وغیرہ استعمال کر کے

5

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 ۹۔ "اپنی مدد آپ" کے عنوان پر مضمون تحریر کیجیے۔ (نادیدہ)

5

سوال نمبر ۱۰۔ املا کے الفاظ