



THE PUNJAB SCHOOL

Controller of Examination

Admission Test Syllabus to (Class VIII) 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)

Grammar: Direct and Indirect Narration, Subject-Verb Agreement, Pronouns (Personal, Possessive and Reflexive), Apostrophe, Punctuation, Homophones, Words Opposites

Essays/Composition of about 100 – 150 words: Composition: My Ambition, Character Sketch (about 100-150 words),

Letter: to mother who is worried about your health.

Story Writing: (Morals/ Titles: e.g. Moral: All that glitters is not gold, Title: A Foolish Stag etc.)

Tenses: Translation from Urdu to English, Present, Past and Future Indefinite and Continuous Tenses + Active and Passive Voice Conversion

MATHEMATICS

Domain-1: Numbers and Operations, (Real numbers, Sets) **Domain-3:** Measurement

Domain-4: (Geometry),

Domain-5: (Statistics and probability)

NOTE: Questions shall be seen /unseen

SCIENCE

Dengue Fever, Corona Virus, Human Nervous System: Nervous System, Reflex Action, Variations, Heredity and Cell Division: Heredity, Difference Between Adaptation and Variation, Basis of Heredity, Watson and Crick Model of DNA, Transmission of Characters, Cell Division, Chemical Reactions, Energy Changes in chemical Reactions, Chemical Bond, Balanced and unbalanced forces, Floating & sinking with reference to density, Pressure, Force and Area, Water Pressure, Hydraulic lift, Effect of Force in the presence of Air Pressure.

Urdu:

مضمون، خط، درخواست، کہانی، مکالمہ، تفہیم و تشریح (نظم و نثر)، بنیادی گرامر (کامل) (متضاد، مترادف الفاظ، غلط فقرات کی درستی و ترمیم، الفاظ کا جملوں میں استعمال، واحد، جمع، مذکر مؤنث، اعراب لگانا، الفاظ معانی، محاورات۔

QURAN

(کل نمبر 25) *حفظ: سورۃ الشمس، سورۃ الضحیٰ * نماز مکمل مع ترجمہ، دعا: نماز کے بعد کی دعا 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 topic** 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	Urdu	8:30 am to 10:30 am
	Science	10:35 am to 12:35 pm
	Quran (Oral)	12:40 pm to 1:00 pm
Thursday 6 th August 2026	English	8:30 am to 10:30 am
	Mathematics	10:35 am to 12:35 pm

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MATHEMATICS

Time Allowed: 2hrs

Total Marks: 75

Q1. Encircle the correct answer.

(15)

Sr. No	Questions	A	B	C	D
1	Which of the following is true about $\sqrt{8}$?	Natural number	Whole number	Rational number	Irrational number
2	Irrational numbers are non-terminating and _____ numbers.	Rational number	Non-recurring	Recurring	Decimal
3	Round 0.0234589 to the 4 significant figures:	0.02346	0.02345	2346	0.0235
4	The difference between approximated value and actual accurate value is called:	Round	Significant figure	Approximation error	Estimated value
5	Which one of the following is perfect square?	25.6	0.256	2.56	2560
6	If a is not a member of the set A , then symbolically it is denoted by:	$a \in A$	$a \setminus A$	$a \notin A$	$a \cap A$
7	Which of the following is not a set?	{1, 2, 3}	{ a, b, c }	{2, 3, 4}	{1, 2, 2, 3}
8	A set consisting of all subsets of the set A is called:	Subset	Universal set	Power set	Superset
9	If $U = \{1, 2, 3, \dots, 10\}$ and $A = \{2, 4, 6, \dots, 10\}$ and $B = \{1, 3, 5, \dots, 9\}$, then $(A - B)^c$ is equal to:	U	B	A	ϕ
10	If $P(A) = \{\phi, \{a\}, \{b\}, \{a, b\}\}$ then set A is equal to:	ϕ	{ a }	{ b }	{ a, b }
11	If in a right angled triangle ABC , $m\angle C = 90^\circ$ and $\angle A$ is a base angle, then b is called:	Base	Hypotenuse	Perpendicular	Vertex
12	An arc whose measure is less than 180° is called a _____:	Minor arc	Major arc	Arc length	Sector area
13	Every triangle is congruent to:	Congruent	Similar	Rotation	Itself
14	The sum of interior angles of a triangle is:	60°	90°	180°	360°
15	What is the value of x i.e., 14, 24, x , 18, 30, when mean is 23.	28	29	30	31

PART - B

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)

- Write the power set of $\{a, b, c\}$.
- If $U = \{a, b, c, d, e\}$, $A = \{d, e\}$ and $B = \{a, b, c\}$ then find the value of $(A \cup B)^c$.
- State De Morgan's laws.
- If $A = \{a, b, c, d, e\}$, $B = \{c, e, f, g, h\}$ then find $A \cup B$ and $A \cap B$

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- (v) Represent on number line, $\frac{-5}{7}$.
- (vi) Define integers.
- (vii) What do you mean by additive inverse of a number?
- (viii) If hypotenuse is x cm and other two sides of a triangle are 6 cm and 12 cm, then find the value of x .
- (ix) Write the formula to find the arc length of centre of circle.
- (x) Find the arc of circle of radius 7 cm.
- (xi) Find the volume of sphere of $r = 7$ cm.
- (xii) Define concurrent lines.
- (xiii) If a dice is rolled, what is probability of the number 6?
- (xiv) If probabilities of two independent events A and B are $\frac{1}{2}$ and $\frac{1}{2}$, then find $P(A \cap B)$.
- (xv) Define probability.

PART – C

Note: Attempt all questions. (30)

Q3: (a) If $U = \{1, 2, 3, 4, 5\}$, $A = \{1, 3, 5\}$, $B = \{2, 4\}$ then show that $(A \cap B)^c = A^c \cup B^c$ (5 + 5)

(b) If $A = \{1, 2, 3, 4\}$, $B = \{3, 4, 5, 6, 7\}$, $C = \{6, 7, 8, 9, 10\}$ show that $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$

Q4: (a) The length and width of a rectangle are 8 cm and 6 cm respectively. Find the length of its diagonals. (5 + 5)

(b) Find the arc length of a sector of a circle whose central angle is 45° and radius 14 cm.

Q5: (a) A fair die is rolled, what will be the probability of 2 or 5. (5 + 5)

(b) A coin is rolled twice, what is probability of getting two tails.

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ENGLISH

Time Allowed: 2 hrs

Total marks: 75

Part I

Q1. (a) Select the correct word and fill in the blanks to complete each sentence: (5)

- You should keep your jewellery in a box if you don't want to _____ it. (loose, lose)
- The boys were scolded by _____ principal. (their, there)
- Thunder and _____ kept us awake all night. (lightening, lightning)
- I cannot _____ your invitation as I am busy nowadays. (except, accept)
- He drew a _____ angle with his protractor. (right, write)

(b) Circle the correct verb in the brackets: (5)

- Nobody (believes / believe) your lies.
- Someone (is / are) knocking at the door.
- My friends and I (was / were) late for the school.
- Our army (is / are) fighting bravely.
- Both of you (was / were) annoying me.

(c) Rewrite the following sentences using correct punctuation marks and capital letters: (5)

a. can you please wait for me asked sara

b. will you attend the party

c. my house is on defence road

d. i will buy some apples grapes bananas and guavas from the shop

e. in 1990 women athletes were allowed to compete for the first time at the olympics held in paris

(d) Rewrite the following sentences using apostrophe: (5)

a. Amina wants to visit the palace of the queen.

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b. The principal of our school is a nice person.

c. The hair of Ali is thicker than mine.

d. The tails of squirrels are bushy.

e. The smiles of the children are very amazing.

(e) Change the direct speech into indirect speech and vice versa: (5)

a. Adeel told Nauman that he wanted to play with him.

b. He said that he liked their reply.

c. The boys promised that they would be careful in future.

d. She said, "She can dance".

e. He said, 'He lives in Lahore'.

(f) Fill in the blanks with suitable reflexive pronoun: (5)

a. The boy wrote the story _____.

b. You have to complete the project _____.

c. We went home by _____.

d. The brown cat fought with the black cat, they both hurt _____.

e. The girls are enjoying _____.

(g) Fill in the blanks using correct possessive or personal pronoun. (5)

a. This house is _____. (their, they, theirs)

b. She is a good friend of _____. (my, mine, I)

c. _____ are taking exams. (we, our, ours)

d. Don't touch the mobile. It is _____. (hers, her, she)

e. My project is easier than _____. (you, yours, your)

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Part II

Q2. Write an essay of about 100-150 words on any one of the following topics: (10)

(a) Write a character sketch of your father (b) My Ambition

Q3. Write a letter to your mother who is worried about your health. (10)

OR

Write a story with the moral 'All that glitters is not gold.'

Q4. Read the comprehension passage and answer the following questions: (10)

One day, there was a mishap. While riding his bicycle, Arslan fell and broke his leg. He was rushed to the hospital immediately. He stayed there for a week, and Amina made sure that she visited him every day. Although he was badly hurt, Arslan would smile at Amina and say that he had not lost his spirits. The team of the doctors at the hospital tried their level best to mend the broken bone, but finally concluded that Arslan would be fully cured if he went abroad for a major operation. Arslan belonged to a middle-class family, and going for treatment abroad required a lot of money.

- How did Arslan's leg break?
- How did Arslan show that he had not lost his spirits?
- What was the doctor's conclusion about Arslan treatment?
- What was required for treatment in abroad?
- Find 2 abstract and 2 collective nouns in the passage and write them.

Q5. Change the voice of the given sentences: (5)

- He did not respect his elders.
- I polish my shoes.
- The teacher punished him.
- They will follow the instructions.
- He will not clean his teeth.

Q6. Translate the following sentences into English: (5)

1. کیا غریب آدمی مشکل سے گزارا کرتا ہے؟

2. یہ قصاب کم نہیں تولتا ہے۔

3. مصور نے ایک خوبصورت تصویر بنائی۔

4. اس نے کتاب دینے سے انکار نہیں کیا۔

5. وہ اپنے والدین کو مایوس نہیں کرے گا۔

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SCIENCE

Time: 2 hrs

Total Marks: 75

OBJECTIVE TYPE

NOTE: Attempt all questions.

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

(1) Which of is NOT the symptom of dengue fever?

- (a) Hypertension (b) High fever (c) Headache (d) Vomiting

(2) Sensory neurons carry messages towards:

- (a) Muscles (b) Glands (c) Sense organs (d) Brain and spinal cord

(3) Colour of the dengue mosquito is:

- (a) Dark red (b) Black (c) Dark Brown (d) Dark blue

(4) Zygote is formed by the fusion of:

- (a) Two sperm cells (b) Two egg cell (c) Two somatic cells (d) Sperm cell and egg cell

(5) Chromosomes are made up of:

- (a) DNA only (b) Proteins only
(c) DNA, Proteins and Fats (d) DNA and Proteins

(6) Which one is non-inheritable character?

- (a) Skin colour (b) Lost body organ (c) Intelligence (d) Height

(7) Find out the slowest impulse rate:

- (a) 0.1m/s (b) 0.2m/s (c) 0.5m/s (d) 0.7m/s

(8) Hunger is controlled by:

- (a) Cerebrum (b) Cerebellum (c) Thalamus (d) Hypothalamus

(9) 1 kpa =

- (a) 10 kpa (b) 100 kpa (c) 1000 kpa (d) 2000 kpa

(10) There are _____ pairs of cranial nerves in human body:

- (a) 10 (b) 12 (c) 14 (d) 16

(11) Reduction of chromosomes takes place during:

- (a) Mitosis (b) Meiotic-I (c) Meiotic-II (d) Both mitosis and meiotic-II

(12) The SI unit of pressure is:

- (a) Watt (b) Joule (c) Pascal (d) Newton

(13) Heating of solid potassium chlorate produces a gas:

- (a) Chlorine (b) Carbon dioxide (c) Carbon monoxide (d) Oxygen

(14) How many oxygen atoms are present in one molecule of $Mg(HCO_3)_2$?

- (a) 2 (b) 4 (c) 6 (d) 8

(15) What causes objects to move?

- (a) Velocity (b) Unbalanced forces
(c) Balanced force (d) Friction

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(b) Fill in the blanks. (10)

1. Dengue fever is caused by the bite of _____.
2. The substances which take part in a chemical reaction are called _____.
3. The parts of a neuron which receive messages are called _____.
4. The topmost and the largest part of the brain is _____.
5. Heat is evolved during _____ reaction.
6. Each DNA molecule is made of thousands of small units called _____.
7. The mass per unit volume is called _____.
8. Chemical formula of calcium oxide is _____.
9. Atmospheric pressure _____ with the height above the ground.
10. The cooking of an egg is a _____ change.

SUBJECTIVE TYPE

Note: Attempt all questions from Part I and II.

(Part-I)

Q.2. Write short answers to the following questions: (20)

1. Define Genetics.
2. What is cytokinesis?
3. Define pressure.
4. What are effectors?
5. Write the functions of hypothalamus.
6. Differentiate between exothermic reaction and endothermic reactions.
7. State the law of conservation of mass.
8. Differentiate between spinal nerves and cranial nerves.
9. What are nucleotides?
10. Define reflex action.

(Part-II)

Answer the following questions. (30)

- Q.3 (a) Describe the structure of Neuron with the help of diagram. (6)
(b) Differentiate between mitosis and meiosis. (4)
- Q.4 (a) Describe Watson and Crick Model of DNA. (6)
(b) Write a note on voluntary and involuntary actions. (4)
- Q.5 (a) Explain Ionic bond with the help of an example. (6)
(b) What are balanced & unbalanced forces? Give examples. (4)

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پروچہ اردو

کل نمبر 75

وقت: 2 گھنٹے

مندرجہ ذیل سوالات کے جوابات جوابی کاپی پر تحریر کیجیے۔

15

سوال نمبر ۱۔ ایک جامع اور مربوط مضمون لکھیے جو کم از کم ۵۰ سطروں پر مشتمل ہو (نادیدہ)
مثلاً: خدمتِ خلق

10

سوال نمبر ۲۔ درج ذیل عبارت میں خط کشیدہ الفاظ کے مترادف / متضاد تحریر کیجیے۔

قوموں کی ترقی و..... میں علم و..... کا کردار بہت اہم ہے۔ اسی کی بدولت جہالت اور..... ختم کر کے قوم کو غفلت اور.....

..... سے نجات دلائی جاسکتی ہے۔ علم انسان میں عنف و..... عاجزی و..... حلم و..... اور سوجھ

..... پیدا کرتا ہے۔ علم انسان کو نظم و..... سکھاتا ہے اور معاشرے کی اصلاح میں معاون..... ثابت ہوتا ہے۔

5

سوال نمبر ۳۔ فقرات کو درست کیجیے۔

مثلاً: یہ کس کا میز ہے؟ عامر نے ٹکٹ خریدی۔ تازی چائے لاو۔ ہر اہر اگھاس اگا ہوا ہے۔

10

سوال نمبر ۴۔ درج ذیل عبارت میں سے خط کشیدہ الفاظ کے معانی لکھیے اور اس کی تشریح کیجیے۔

کہا جاتا ہے کہ انسان ایک معاشرتی حیوان ہے۔ وہ معاشرے میں رہنے پر مجبور ہے۔ اُسے قدم قدم پر دوسروں کے سہارے کی ضرورت پڑتی ہے۔ انسان وہی ہے، جو دوسروں کا خیر خواہ اور ہمدرد ہو۔ اگر انسان دوسروں کے دکھ درد کو اپنا دکھ درد نہیں سمجھتا، تو وہ انسان کہلانے کا حق دار نہیں۔

5

سوال نمبر ۵۔ درج ذیل محاورات کے معانی لکھیے اور جملوں میں استعمال کیجیے۔

پالا پڑنا، آب آب ہونا، کشتوں کے پشے لگانا، باغ باغ ہونا، پھولے نہ سمانا

5

سوال نمبر ۶۔ فرض کیجیے کہ آپ کا دوست / سہیلی اکثر جھوٹ بولتا ہے۔ ایک مکالمے کے ذریعے یہ واضح کیجیے کہ جھوٹ برائی کی جڑ ہے۔ (نادیدہ)

5

سوال نمبر ۷۔ درج ذیل جملوں کے سامنے فعل معروف / فعل مجہول لکھیے / مرکب کی اقسام بتائیے۔

نمبر شمار	جملے	فعل معروف	فعل مجہول
1	شور مچایا جا رہا ہے		
2	علی نے پھول توڑا		
3	شازیہ نظم پڑھ رہی ہے		
4	بچہ رو رہا ہے		
5	خط لکھ دیا گیا ہے		

5

سوال نمبر ۸۔ درج ذیل الفاظ پر اعراب لگا کر تلفظ واضح کیجیے۔

استقبال ، محبت ، تغیر ، صبر ، مصور

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سوال نمبر ۹۔ درج ذیل نظم / عبارت کو پڑھیے اور آخر میں دیے گئے سوالات کے جواب دیجیے۔ (نادیدہ)

بہت مخلص اور پاک بندے خدا کے
نشان جن سے قائم ہیں صدق و صفا کے
نہ شہرت کے طالب، نہ خواہاں ثنا کے
نمائش سے بیزار، دشمن ریا کے
ریاضت سب اُن کی خدا کے لیے ہے
مشقت سب اُس کی رضا کے لیے ہے

س ۱۔ ان اشعار کا مرکزی خیال کیا ہے؟

س ۲۔ مخلص لوگ ہر کام کیا سوچ کر کرتے ہیں؟

س ۳۔ خدا کے مخلص بندے کن باتوں سے نفرت کرتے ہیں؟

س ۴۔ ان اشعار کا خلاصہ لکھیے۔

س ۵۔ ان اشعار کے لیے عنوان تحریر کیجیے۔

سوال نمبر ۱۰۔ درج ذیل اشعار کا مفہوم / مرکزی خیال لکھیے۔

5

دیانت ، شرافت ، محبت کے پیکر
الہی ! ہمیں ایسے انساں عطا کر
صدافت ، عزیمت ، شجاعت کے پیکر
نگاہیں نہ دُھندلائیں دُور ہوس سے
الہی ہمیں ایسے انساں عطا کر
دلوں کے چمن پاک ہوں خار و خس سے

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