

ARMY PUBLIC SCHOOL DAGSHAI

ENTRANCE EXAMINATION FOR SESSION 2018-19 FOR ADMISSION TO CLASS-VIII

Time: 3 Hours

Max. Marks: 400

<u>SUBJECT</u>	<u>M.MARKS</u>	<u>M.OBTD</u>	<u>TEACHER</u>	<u>SIG</u>
ENGLISH	100	_____	_____	_____
HINDI	100	_____	_____	_____
MATH'S	100	_____	_____	_____
SCIENCE & GK	100	_____	_____	_____
TOTAL	400	_____	_____	_____

General Instructions:

1. The candidates are advised to fill the columns correctly.
2. The booklet is divided into four parts i.e. English, Hindi, Maths, Science & GK.
3. Candidate should check the booklet carefully and if there is any defect or discrepancy, the same should be requested for replacement.
4. The candidates are required to solve the question on the booklet only.
5. The candidates are not allowed to write or mention anything on the booklet which can reveal his/her identity.
6. There will be no negative marking for wrong answers.

TO BE FILLED IN BY APSD
CODE _____

TO BE FILLED IN BY THE CANDIDATE

Name of the Candidate: _____ Registration No. _____

Studying in Class _____ Class to which admission is sought _____

TO BE FILLED IN BY APSD

CODE _____

English

M.M. 100

Q.1 Write a paragraph on any one of the following topics in about 150 words. 25

- a) The funniest day of my life
- b) No pains no gains

Q.II Write a letter to you mother describing the scenic beauty of a hill station. 15

Q.III Read the following poem carefully and answer the questions that follow:- 10

Thomas Alva Edison

Thomas Elva Edison a most unusual boy,
Never really bothered much with any childish toy.
His teacher thought he couldn't learn and sent him home from school,
But Tommy's mother knew for sure he wasn't any fool.
He worked as newsboy on a train, he learned to telegraph.
The way he concentrated made some people laugh.
Thomas Elva Edison had inventions by the score.
In his laboratory, he kept inventing more.
The photograph, electric light (With fuses, sockets, too)
A super storage battery and movies, were a few.
If not for Mr Edison, how dull our lives would be!
We might not have the radio the X-ray, or TV.

- a) According to the poet, Edison was an unusual boy because
- b) People laughed at Edison because
- c) The expression by the 'by the score'
- d) Thanks to Edison our lives are
- e) A lesson we can learn from Edison's life is

Q.IV Correct the following sentences.

10

- a) He could not took the catch.
- b) Why you have not completed your assignments?
- c) Who is loosing the match?
- d) We have been studying from morning.
- e) It has been snowing since three hours

Q.V Convert the following sentences into the passive:-

5x2=10

- (a) Who is teaching you English?
- (b) Why do not you buy books?
- (c) Will you read Oliver Twist?
- (d) Bring me a cup tea, please.
- (e) Do not waste time.

Q.IV Change the direct Speech into the indirect speech.

10

- a) Teacher said to me, 'Who is your favourite actress?'

- b) My friend said to me. ' Do you like to watch movies?'
- c) Father said to his son, ' I am going to buy America.'
- d) The tourist said, 'What a scenic place!'
- e) Teacher said to the students, ' Complete the home work.'

Q.VII Fill in the blanks with suitable articles. 10

- a) This is just..... kind of house I am looking for. Does it have..... kitchen garden.
- b) Last time I met Joe, he was looking for..... job. What happened to.....job he had?
- c) Our city does not have..... airport. I have to travel to cover 100 km to reach.....nearest one.
- d) Did she arrive..... day before you came? No she arrived..... same day as I did.
- e) What'sname of your brother? He hasn't got..... name yet?

QVIII Fill in the blanks with little, a little, the little, few, a few, the few. 10

- a) We have only..... time left before the exam begins.
- b) Whatever I know about the incident, I have you told.
- c)days ago my uncle brought a car.
- d) She has..... friends here.
- e) He squandered money he had.

90 L... निम्नलिखित गद्यांश को पढ़कर दिए गए प्रश्नों के लिए सही उत्तर लिखिए...

हम कई बातों को तोते की तरह रटते तो हैं पर उनका प्रयोग अपने व्यवहार में नहीं करते। यह तो एक प्रकार से हमारा स्वभाव ही बन गया है और इसका एक मात्र कारण है हमारी दुर्बलता। अतः दुर्बल हृदय से कोई कार्य नहीं हो सकता है। हृदय को दुर्बलता दूर करके उसे मजबूत बनाना होगा। सबसे पहले नवयुवकों को बलवान बनना चाहिए। स्वामी विवेकानंद ने कहा है कि पहले तुम बलवान बनो धर्म पीछे आ जाएगा। मैं तुमको यही परामर्श दूंगा। आज के युग में गीता के अभ्यास की अपेक्षा फुटबॉल आदि खेलों के द्वारा स्वर्ग के अधिक निकट पहुंच जाओगे। यदि तुम्हारी भुजाएँ बलवान होंगी तो तुम गीता को अधिक अच्छी तरह समझोगे। जब तुम अपने पैरों पर अधिक दृढ़ता से खड़े होओगे तो तुम भी अपने आप को मनुष्य समझोगे और उपनिषदों का ज्ञान प्राप्त करके आत्मा की शक्ति को जान सकोगे।

क) उपर्युक्त गद्यांश का उचित शीर्षक लिखें...

2

ख) हमारे दुर्बलों का मूल कारण क्या है ?

4

ग) बातों को तोते की तरह रटने की वजाय क्या करना चाहिए?

4

घ) स्वामी विवेकानंद युवकों को क्या परामर्श दे रहे हैं?

4

ङ) आत्मा की शक्ति को कैसे जाना जा सकता है?

4

च) निम्न शब्दों से प्रत्यय अलग करके लिखिए...

2

दुर्बलता...

बलवान...

प्र० 2... निम्नलिखित काव्यांश को पढ़कर दिए गए प्रश्नों के उत्तर लिखिए...

एक दिन व्याकरणाचार्य ने गुंजा होकर मुझसे कहा -

बोल! तुझे क्या क्या हैं?

ध्वनि बना हूँ, व्यंजन बना हूँ, अव्यय बना हूँ,

स्वर बना हूँ, उपसर्ग बना हूँ या प्रत्यय बना हूँ,

प्रत्यय का नाम ज्ञाने ही मैंने उन्हें टोका

और हाथ जोड़ते हुए रोका!

न चावा न!

मुझे भूलकर भी प्रत्यय न बनाना!

भाषा में यही सबसे शोषित हैं, पिछलागू हैं

जिसके पीछे लगता है, उसी में खो जाता है

पूरा का पूरा उसी का हो जाता है

प्रत्यय तो मजदूर है, सर्वहारा है,

औरों को आकार देते- देते अपना सर्वस्व हारा है।

अ...काव्यांश का उचित शीर्षक लिखिए...

2

आ...व्याकरणाचार्य क्या- क्या बनाने के लिए शूछ रहे हैं ?

4

इ...प्रत्यय को क्या बताया गया है ?

4

ई... कवि प्रत्यय क्यों नहीं बनना चाहता है ?

4

उ...प्रत्यय को शोषित क्यों कहा गया है ?

4

क...पद्यांश में प्रयुक्त किन्हीं दो विराम चिह्नों के नाम लिखिए... 2

प्रश्न 3... निम्नलिखित में से किसी एक विषय पर 100 शब्दों में अनुच्छेद लिखिए... 15

- (क) किराी पैले का दर्शन
- (ख) मधुर चवन है औषधि
- (ग) व्यायाम का जीवन में महत्व

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90 4... अपनी कॉलोनी के निकट बने नए पार्क का वर्णन करते हुए चित्र को पत्र लिखिए..

15

प्र० 5... सर्वनाम शब्द पहचान कर अलग लिखिए...

2

- क) हम बाहर जा रहे हैं।
ख) तुम अपने घर जाओ।
ग) कुछ काम कर लिया या नहीं।
घ) जो पढ़ेगा वह अवश्य सफल होगा।

प्र० 6... समास विश्लेषण करिए...

5

- क) चक्रवर्ति-.....
ख) कृष्णभक्ति-.....
ग) प्रतिभास-.....
घ) तिमिरिला.....
ङ) गुम्फ- शिप्य.....

प्र० 7... अशुद्ध शब्दों को शुद्ध करिए...

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- क) अमिदोक-.....
ख) राट्ट-.....
ग) महकार्य -.....
घ) मात्रभूमि -.....
ङ) कट-.....

प्र० 8... निम्नलिखित मुहावरों को वाक्य में प्रयोग करिए...

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चाक छानना, अपना उल्लू सीधा करना, गिल्ली उड़ाना, बाएँ हाथ का गैल, दाल में काला सोना

Subject : MATHEMATICS

M.M 100

Q1. Tick the correct option : Each question carries 2 marks 10 X 2 = 20

I. In addition and subtraction of two integers , sign of the answer depends upon

- (a) Smaller number (b) Their difference
(c) Their sum (d) Greater numerical value

II. The product of 153.7 and 10 is

- (a) 1.537 (b) 15.37 (c) 153.7 (d) 1537

III. Which observation in the following data has maximum frequency ?

1, 1, 2, 4, 3, 2, 1, 2, 2, 4

- (a) 4 (b) 3 (c) 1 (d) 2

IV. Median of the data 9,8,1,2,3,6,7,5,4 is ----

- (a) 4 (b) 9 (c) 6 (d) 5

V. The area of a square whose perimeter is 4 m

- (a) 4 sq. m. (b) 3 sq.m (c) 2 sq.m (d) 1 sq.m

VI. The distance around a circular region is known as its

- (a) area (b) diameter of circle (c) radius (d) circumference

VII. What will be the area of circular button of radius 7 cm

- (a) 154 cm (b) 49 sq cm (c) 3.14×7 sq.cm (d) 154 sq.cm

VIII. Write the expression for the statement: the sum of three times x and 11

- (a) $x+3+11$ (b) $3x-11$ (c) $3+11x$ (d) $3x + 11$

IX. How many medians a triangle can have?

- (a) 1 (b) 2 (c) 0 (d) 3

X. In the Pythagoras property , the triangle must be _____

- (a) acute angled (b) scalene triangle (c) obtuse angled (d) right angled

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प्र०९...वाक्यांशों के लिए एक शब्द लिखिए ... 5

- क) जानने की इच्छा.....
- ख) जो शुद्ध न हो.....
- ग) हित चाहने वाला
- घ) तपस्या करने वाली.....
- ङ) विदेश में रहने वाला.....

प्र० 10... निम्नलिखित शब्दों के उपयुक्त विशेष्य लिखिए ... 2

- अ) सुंदर..... ; आ) रंग-विरंगी.....
- इ) कटोर..... ; ई) पाँच.....

प्र० 11... निम्न लिखित उपसर्गों का प्रयोग करके दो दो शब्द बनाकर लिखिए..... 2

- प्रति
- अति.....

प्र०12 ...वर्ण विच्छेद करिए... 2

- क... परिश्रमशील.....
- घ...अत्याधुनिकता.....

प्र०13 ... कारक पहचानिए... 2

यह कोलकाता हवाईजहाज से गया।

ज्याम का भाई ज्याम को पुकार रहा है।

All the questions from Q2 to Q9 carry 4 marks each

8 X 4 = 32

Q2 In a class test there were 14 questions, 5 marks were given for every correct answer and -2 were given for every incorrect answer and no marks were given for question not attempted.

- (i) A boy gets 7 correct and 7 incorrect answers. What is his score ?
- (ii) A girl gets 10 correct and 2 incorrect answers. What is her score ?

Q3 Subtract $4x^3 + 3x - 5$ from $3x^3 - 5x^2 - x + 2$.

Q4 Solve and verify : $3(x-2) = 2(x+1) - 3$.

Q5 In an examination a student has to secure 45% marks to pass the exam. If a girl got 399 marks and failed by 51 marks, what are the maximum marks ?

Q6 Find the value of x : $3^x = 243$.

Q7 A man earns Rs 21000 in three months. How much time would he take to earn Rs 49000 ?

Q8 Express the number 15625 in exponential form.

Q 9 A die is tossed once. Find the probability of getting
(a) number 4 (b) a number greater than 4

All the questions from Q10 to Q17 carry 6 marks each 8 X 6 = 48

Q10. In a lottery, a total of 200 prizes are to be given. A prize is either of Rs 500 or Rs 100. Find the number of each type of prizes if the total prize money is Rs 50000.

Q11 Heights of Anshu and David are 1.04m and 78 cm respectively. Divide 35 sweets between them in the ratio of their heights.

Q12 If the circumference of a circle is 88cm., then find its area.

Q13 Find the perimeter of the rectangle whose length is 40cm and the length of one diagonal is 41cm.

Q14 If the angles of a triangle are in the ratio 2 : 3 : 4 , find all the angles.

Subject: SCIENCE

M.M. 75

Q I. Fill in the blanks:

5

- 1. Worm manure is also called _____
- 2. Large number of interconnected _____ forms a food web.
- 3. Calcium and Magnesium _____ causes temporary hardness of water.
- 4. Human eye forms real and _____ image on retina.
- 5. Litmus is an indicator dye extracted from _____

QII. Give a scientific term / one word for the following:

6

- 1. Solids having a well defined regular geometrical shape _____
- 2. Finger like projections present in an amoeba: _____
- 3. Process of shedding skin in larva: _____
- 4. Instrument used to measure wind speed: _____
- 5. Degree of hotness and coldness of a substance: _____
- 6. Combining capacity of an element: _____

Q III. Give an example of the following:

5

- 1. Parasitic plant with biggest and heaviest flower _____
- 2. Enzyme that breaks starch into simple sugar _____
- 3. Antacid _____
- 4. Synthetic Indicator _____
- 5. Uniform Motion _____

QIV. Find the odd one out in each of the following group:

5

- 1. Cuscuta , Mushroom , Pitcher plant, Mistletoe
- 2. Stomach, Small Intestine, Large Intestine, Mouth

Q15 If two angles are supplementary angles and one angle is 30° less than twice the other, find the angles.

Q16 An item was sold for Rs 532 at a loss of 5%. What was its cost price?

Q17 A natural number has been divided into two parts in the ratio 5 : 9. If the difference of these parts is 24, find the number and the two parts.

3. Hydrogen, Oxygen, Helium , Nitrogen

4. Cow, Camel, Goat, Sheep

5. Acetic acid, Lactic acid, Hydrochloric acid, Citric acid

Q V. Fill in the correct order and the objective of the process involved in wool production.

10

Process	Order	Objective of the process
Sorting		
Carding		
Scouring		
Shearing		
Spinning		

Q VI. Give one difference between:

6

1. Breathing and Cellular Respiration

2. Organic Acids and Mineral Acids

3. Convex lens and Concave lens

Q VII. Answer the following questions:

12

1. What is symbiosis?

2. How is stomach protected from the acid released in it?

3. Why chlorine is called swimming pool chemical?

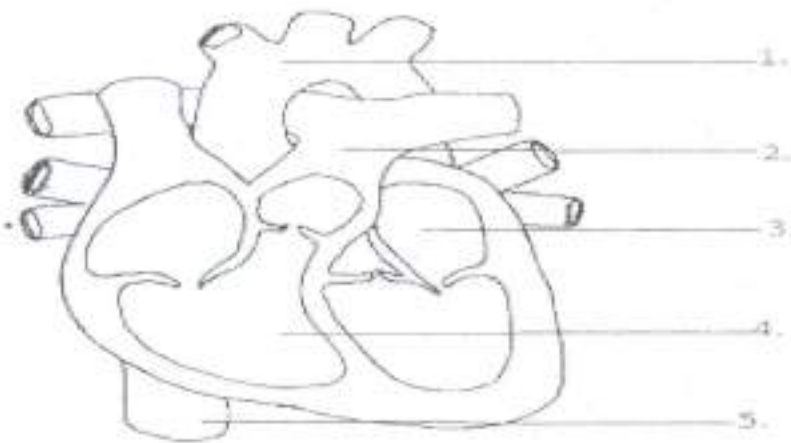
4. Why do hot air rises up?

5. Name the SI unit of temperature and heat.

6. Why lime water turns milky on passing carbon dioxide gas into it?

Q VIII. Diagram based question: Label the different parts of human heart

10



1. _____

2. _____

3. _____

4. _____

5. _____

Q IX. Multiple Choice Questions—Tick the correct answer:

16

1. Atomicity of phosphorous is:

- a. 2 b. 4 c. 6 d. 8

2. Which of the following is not a standard unit of measurement?

- a. Cubit b. Centimeter c. Second d. Kelvin

3. Seeds of dandelion are dispersed by:

- a. Wind b. Water c. Insects d. Human beings

4. In NaCl:

- a. two elements are present b. a single element is present
c. no element is present d. four elements are present

5. Polar bear is :

- a. Black in colour
- b. Cold -Blooded
- c. Warm-Blooded
- d. Long -legged

6. Which of the following is used by a dentist to examine the teeth of a patient?

- a. Concave mirror
- b. Convex mirror
- c. Concave lens
- d. Convex lens

7. What is the shape of the magnet used in an electric bell?

- a. Cylindrical
- b. Bar
- c. Horseshoe
- d. Square

8. Another name of cyclone is:

- a. Thunderstrom
- b. Typhoon
- c. Tornado
- d. Strom

Subject: GK

M.M. 25

Q I. Answer the following questions:

10

- 1. Which is the largest bone in human body? _____
- 2. Where is Salar Jang Museum situated? _____
- 3. Who won Fifa Men's player of the year 2017? _____
- 4. In which city the famous museum Madame Tussauds is located? _____
- 5. Name the programme by which Prime Minister Narendra Modi addressed the countrymen over radio for the first time. _____

QII. Multiple Choice Question – Tick the correct answer:

10

1. Palk Strait separates India from:

- a. Pakistan
- b. China
- c. Sri Lanka
- d. Bhutan

2. The element which is most abundant in human body is.

- a. Carbon
- b. Oxygen
- c. Iron
- d. Nitrogen

3. Which of the following animal has a longest life span?

- a. Elephant
- b. Dog
- c. Crocodile
- d. Tortoise

4. The lengthiest constitution in the world is of :

- a. America
- b. India
- c. France
- d. UK

5. The first solar city of India is:

- a. Anandpur Sahib
- b. Jaipur
- c. Kochi
- d. Mumbai

Q III. Match the column I (Colour of Olympic Rings) with column II (Continent Represented).

5

	COLUMN - I		COLUMN - II
a.	Blue ring	(i)	Africa
b.	Yellow ring	(ii)	America
c.	Black ring	(iii)	Asia
d.	Red ring	(iv)	Australia(Oceania)
e.	Green ring	(v)	Europe

a: _____ b: _____ c: _____ d: _____ e: _____