

NATIONAL MERIT-CUM-MEANS SCHOLARSHIP TEST

PART-II

SCHOLASTIC APTITUDE TEST (SAT)

(For Students of Class VIIIth)

EVENING SESSION

SERIES: A

Booklet: 180441

Roll.No

--	--	--	--	--	--	--	--	--	--	--	--

Name:.....

**NOTE : DO NOT BREAK THE SEAL UNTIL YOU ARE ASKED FOR THAT.
: GO THROUGH THE INSTRUCTIONS CAREFULLY.**

**Time: 90 Minutes
01.00 P.M. to 02.30 P.M.**

M Max. Marks: 90

No. of Questions: 90

INSTRUCTIONS

1. Please write your Roll No. very clearly as provided in your Admit Card. Please see that no block is left unfilled and even zeros appearing in the Roll No. are correctly transferred to the appropriate blocks on the booklet and on the answer sheets.
2. For all subsequent purposes your Roll No. shall remain same as provided in the Admit Card.
3. There are 90 questions of SAT and all questions carry one mark each.
4. Since all the questions are compulsory, do not try to read the whole question paper before beginning to answer it. Begin with the first question and keep on trying one question after another till you finish the part.
5. If you do not know the answer to any question, do not spend much time on it and pass on to the next one. Time permitting, you can come back to the question which you have left in the first instance and try these again.
6. Since the time allotted to this question paper is very limited, you should make the best use of it by not spending too much time on one question.
7. No marks shall be awarded to the question if the candidate has marked more than one answer against the question.
8. You have to mark all your responses on a separate response sheet provided with the booklet.
9. Immediately on the commencement of examination check that the question booklet does not have any torn or missing pages. If so, get it replaced by a fresh booklet of the same series.
10. Use only blue or black ball point pen.
11. The Candidates can use blank sheet provided in the question booklet for rough work.
12. The Candidates should remain firmly positioned at their seats till the supervisory staff collects all the response sheets from the center and the center in charge makes an announcement to leave.

NATIONAL MERIT-CUM-MEANS SCHOLARSHIP TEST

PART-II

SCHOLASTIC APTITUDE TEST (SAT)

(For Students of Class VIIIth)

EVENING SESSION

SERIES:A

Booklet:180441

Roll.No

--	--	--	--	--	--	--	--	--	--	--	--

Name:.....

**NOTE : DO NOT BREAK THE SEAL UNTIL YOU ARE ASKED FOR THAT.
: GO THROUGH THE INSTRUCTIONS CAREFULLY.**

**Time: 90 Minutes
01.00 P.M. to 02.30 P.M.**

M Max. Marks: 90

No. of Questions: 90

INSTRUCTIONS

1. Please write your Roll No. very clearly as provided in your Admit Card. Please see that no block is left unfilled and even zeros appearing in the Roll No. are correctly transferred to the appropriate blocks on the booklet and on the answer sheets.
2. For all subsequent purposes your Roll No. shall remain same as provided in the Admit Card.
3. There are 90 questions of SAT and all questions carry one mark each.
4. Since all the questions are compulsory, do not try to read the whole question paper before beginning to answer it. Begin with the first question and keep on trying one question after another till you finish the part.
5. If you do not know the answer to any question, do not spend much time on it and pass on to the next one. Time permitting, you can come back to the question which you have left in the first instance and try these again.
6. Since the time allotted to this question paper is very limited, you should make the best use of it by not spending too much time on one question.
7. No marks shall be awarded to the question if the candidate has marked more than one answer against the question.
8. You have to mark all your responses on a separate response sheet provided with the booklet.
9. Immediately on the commencement of examination check that the question booklet does not have any torn or missing pages. If so, get it replaced by a fresh booklet of the same series.
10. Use only blue or black ball point pen.
11. The Candidates can use blank sheet provided in the question booklet for rough work.
12. The Candidates should remain firmly positioned at their seats till the supervisory staff collects all the response sheets from the center and the center in charge makes an announcement to leave.

SF 11

KEPT INTENTIONALLY BLANK

- Q1) In order to carry out a land settlement in the J&K, Sir Walter Lawrence toured the different parts of the state in
- | | |
|---------|---------|
| a) 1870 | b) 1878 |
| c) 1890 | d) 1905 |
- Q2) Mangal Pandey was born on _____
- | | |
|-----------------|------------------|
| a) 17 July 1827 | b) 19 July 1827 |
| c) 23 June 1827 | d) 21 April 1827 |
- Q3) In 1888 an extension scheme called the Lahore Gate improvement scheme was planned by
- | | |
|---------------------|------------------|
| a) Viceroy Hardinge | b) Herbert Baker |
| c) Robert Clarke | d) Lord Curzon |
- Q4) The spinning Jenny was invented by
- | | |
|--------------------|-----------------------|
| a) Warren Hastings | b) Richard Westmacott |
| c) Macaulay | d) John Kaye |
- Q5) Tipu Sultan ruled Mysore till _____
- | | |
|---------|---------|
| a) 1799 | b) 1788 |
| c) 1791 | d) 1784 |
- Q6) Tata Iron and Steel Company (TISCO) began producing steel in:
- | | |
|---------|---------|
| a) 1908 | b) 1907 |
| c) 1910 | d) 1912 |
- Q7) Bebujnama was written by
- | | |
|--------------------|------------------------|
| a) Pir Hassan Shah | b) Hamidullah Shahbadi |
| c) Shah Alam | d) Ahmad Sha |
- Q8) Hindustan socialist republican Association was founded in
- | | |
|---------|---------|
| a) 1924 | b) 1926 |
| c) 1928 | d) 1930 |
- Q9) The Jallianwala Bagh atrocities, inflicted by General Dyer in Amritsar on
- | | |
|------------------|------------------|
| a) 11 April 1919 | b) 13 April 1919 |
| c) 9 April 1919 | d) 17 April 1919 |
- Q10) On the basis of origin, resources can be classified into
- | | |
|--------------------------------|-------------------------|
| a) Abiotic and biotic | b) Actual and potential |
| c) Renewable and non-renewable | d) None of the above |
- Q11) The Population of J&K in 2011 is reported to be
- | | |
|----------------|----------------|
| a) 7,25,97,565 | b) 29,64,007 |
| c) 10,54,686 | d) 1,25,48,926 |
- Q12) The First textile mill in India was established at Fort Gloster near
- | | |
|------------|----------------------|
| a) Kolkata | b) Bombay |
| c) Delhi | d) None of the above |

- Q13) One of the worst industrial disasters of all time occurred in Bhopal on
 a) 11 November 1982
 b) 3 December 1984
 c) 17 October 1981
 d) 14 November 1982
- Q14) The First country in the world to develop hydroelectricity was
 a) Brazil
 b) England
 c) Norway
 d) India
- Q15) The League of Nations was formed in
 a) 1914
 b) 1920
 c) 1939
 d) 1945
- Q16) The Headquarter of World Health Organization (WHO) is in
 a) Geneva
 b) New York
 c) Paris
 d) London
- Q17) The 15th Non-aligned summit was held in Egyptian city of Sharm-el-Sheikh in
 a) June 2008
 b) June 2010
 c) July 2007
 d) July 2009
- Q18) Panchsheel agreement was signed between
 a) India and Pakistan
 b) India and China
 c) China and Pakistan
 d) India and Nepal
- Q19) _____ was the first black president of South Africa
 a) Nelson Mandela
 b) Roosevelt
 c) Winston Churchill
 d) Mao-Tse-tung
- Q20) Hurricane Katrina hit the U.S.A on
 a) 25 March 1984
 b) 13 June 1998
 c) 29 August 2005
 d) 26 January 2001
- Q21) The leading rice producer in the world is
 a) India
 b) China
 c) France
 d) Germany
- Q22) Pampore Karewa is famous for
 a) Apple Cultivation
 b) Basmati Rice Cultivation
 c) Saffron Cultivation
 d) Maize Cultivation
- Q23) RTI was enacted in the year _____
 a) 2005
 b) 2006
 c) 2008
 d) 2010
- Q24) James Mill divided history into
 a) Four Periods
 b) Two Periods
 c) Three Periods
 d) None of the above

NMMS
SAT

- Q25) The General Assembly of the U.N.O adopted the Universal Declaration of Human Rights on
a) 08 November 1948
b) 10th November 1948
c) 03 December 1949
d) 15 July 1949
- Q26) Which of the micro organism is single celled
a) Bacteria
b) Fungi
c) Algae
d) None of the These
- Q27) Who discovered vaccine for smallpox in 1798
a) Alexander Fleming
b) Edward Jenner
c) Louis Pasteur
d) None of the These
- Q28) Air contains what %age of Nitrogen
a) 77%
b) 78%
c) 87%
d) 21%
- Q29) Which fuel is called black diamond
a) Coke
b) Graphite
c) Coal
d) None of the These
- Q30) In which Region of J&K, is Borax found
a) Srinagar
b) Reasi
c) Pagga Valley (Ladakh)
d) *Salal*
- Q31) Where is Dachigam National park situated in J&K
a) Srinagar
b) Budgam
c) Bandipora
d) None of These
- Q32) Those animals which lay eggs are called
a) Viviparous
b) Oviparous
c) Both a & b
d) None of these
- Q33) The name of first mammal which was cloned is
a) Blackface ewe
b) Fin Dorsett
c) Dolly
d) None of These
- Q34) Frequency of oscillations is expressed in
a) cm
b) cm per sec
c) Hertz
d) Metre
- Q35) The range of audible frequency is
a) 2Hz to 20Hz
b) 20Hz to 20000Hz
c) 20Hz to 200Hz
d) None of These
- Q36) Which Tehsil of J&K is called Rice Bowl of Kashmir
a) Srinagar
b) Budgam
c) Kulgam
d) Ganderbal
- Q37) Which one the following is not a harvest festival in India
a) Baisakhi
b) Pongal
c) Nabayana
d) Eid

- Q38) Apiculture deals with
a) Bee Keeping
c) Sheep Breeding
b) Poultry
d) None of these
- Q39) Which of the following gases is responsible for global warming
a) Oxygen
c) Carbon Monoxide
b) Carbon Dioxide
d) Sulphur dioxide
- Q40) $NaCl$ is of which nature
a) Acidic
c) Salt
b) Basic
d) None of these
- Q41) S.I unit of force is
a) Dyne
c) Kg
b) Newton
d) Joule
- Q42) Pressure is defined as
a) Force per unit length
c) Force per unit mass
b) Force per unit area
d) None of these
- Q43) How many pairs of chromosomes are there in all human beings
a) 21
c) 23
b) 20
d) 19
- Q44) Sonorous metals are those which
a) Are light
c) Produce ringing sound
b) Good conductors of electricity
d) None of these
- Q45) Which of the metals being very reactive is therefore stored in Kerosene
a) Cu
c) Na
b) Zn
d) Mg
- Q46) Reflection from a smooth surface like that of a mirror is called
a) Regular Reflection
c) Diffused Reflection
b) Irregular Reflection
d) None of these
- Q47) In the visible region of spectrum which color has lowest wave length
a) Violet
c) Green
b) Red
d) Yellow
- Q48) The Smog is made up of
a) Smoke and Dust
c) Smoke and Fog
b) Dust and Fog
d) None of these
- Q49) Which of the Pollutions damage the Ozone layer of the atmosphere
a) Nitrogen
c) SO_2
b) CO_2
d) CFC
- Q50) The surface of bodies in air or water is designed so as to reduce friction, It is called
a) Lubrication
c) Streamlining
b) Polishing
d) None of these

Q51) A branch of Science which deals with the study of Universe is called

- a) Anatomy
- b) Palmistry
- c) Astronomy
- d) None of these

Q52) One light year is equal to

- a) 7×10^{12} Km
- b) 9.46×10^{12} Km
- c) 8.46×10^{12} Km
- d) 7.46×10^{12} Km

Q53) A cell was discovered by

- a) Robert Brown
- b) Robert Hooke
- c) Charles Darwin
- d) None of these

Q54) The Unit of Charge is

- a) Kelvin
- b) Coulomb
- c) Volt
- d) Ampere

Q55) If $x = \frac{2}{3}$, what is the value of $-(-x)$?

- a) $\frac{-2}{3}$
- b) $\frac{3}{2}$
- c) $\frac{2}{3}$
- d) $\frac{1}{3}$

Q56) If $2x + 3 = 4$, what is the value of x

- a) $\frac{1}{3}$
- b) $\frac{1}{5}$
- c) $\frac{1}{2}$
- d) None of these

Q57) The figure represents



- a) A closed curve
- b) A closed curve that is simple
- c) A closed curve that is not simple
- d) Not a simple curve

Q58) What is the no. of sides of a regular polygon whose each exterior angle is 45°

- a) 7 sides
- b) 6 sides
- c) 8 sides
- d) None of these

Q59) RENT is a rectangle. Its diagonals meet at O. If $OR = 2x + 4$ and $OT = 3x + 1$, what is x ?

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

Q60) A tally mark for frequency 7 is represented by

- a) |||||
- b) |||||||
- c) ||||
- d) None of these

Q61) What is the probability of a Head in a Tossing of a coin

- a) $\frac{1}{2}$
- b) $\frac{1}{3}$
- c) 0
- d) 2

- Q62) What will be the number of zeros in the cube of 60
 a) Two
 b) Three
 c) Four
 d) None of these
- Q63) Which of the following forms a Pythagorean Triplets
 a) 2,3,4
 b) 3,4,5
 c) 4,5,6
 d) None of these
- Q64) The formula of simple interest, on Principal P, rate R% and time T is
 a) $S.I = \frac{P \times R + 100}{T}$
 b) $S.I = \left(\frac{P \times R \times T}{100} \right)^{1/2}$
 c) $S.I = \frac{P \times R \times T}{100}$
 d) None of these
- Q65) Which of the following is a linear polynomial
 a) $2x + 3 = 4$
 b) $2x + 3y = 0$
 c) $2x$
 d) None of these
- Q66) What is the highest power of P in the expansion of $(4P-3q)^2$
 a) 2
 b) 1
 c) 3
 d) 4
- Q67) Area of an equilateral Δ of side a is
 a) $\frac{\sqrt{3}}{2} a^2$
 b) $\frac{\sqrt{3}}{4} a$
 c) $\frac{\sqrt{3}}{4} a^2$
 d) $\frac{\sqrt{3}}{4} a^3$
- Q68) Volume of a cylinder of height h and radius of base r is
 a) $\pi r^2 l$
 b) $\pi r^3 h$
 c) $\pi r h$
 d) $\pi r^2 h$
- Q69) What is the value of an expression
 $5^{-2} \cdot 5^2 + 3^{-1} \cdot 3^2 = ?$
 a) 4
 b) 3
 c) 2
 d) 1
- Q70) The factors of $y^2 - 7y + 12$ are
 a) $(y - 3)(y - 4)$
 b) $(y - 2)(y - 3)$
 c) $(y - 1)(y - 2)$
 d) None of these
- Q71) J&K is divided into _____ Agro climatic zone
 a) Two
 b) Four
 c) Three
 d) Five
- Q72) _____ % of the worlds people stay in just 10 countries
 a) 40
 b) 50
 c) 60
 d) 45

- Q73) The first summit of SAARC was held in
 a) 1985 b) 1986 c) 1987 d) 1988
- Q74) Bangladesh came into being in
 a) 1965 b) 1971 c) 1977 d) 1980
- Q75) The fort, known as Qilla Hariparbat was constructed by
 a) Atta Mohammad b) Amir Khan Jawan Sher
 c) Mohan singh d) Karimdad Khan
- Q76) How many districts are there in J&K
 a) 21 b) 20 c) 23 d) 22
- Q77) Atta Mohammad Khan (Governor) was from
 a) Pakistan b) Bangladesh
 c) Afghanistan d) Balochistan
- Q78) $\frac{x^2y+xy^2}{xy} = ?$
 a) xy b) $x - y$
 c) $x + y$ d) None of these
- Q79) The mean of three number 1,3,5 is
 a) 1 b) 3 c) 2 d) None of these
- Q80) A line graph which is a whole unbroken line is called
 a) Bar graph b) Linear graph
 c) Pie graph d) None of these
- Q81) Charge of an electron is
 a) Negative b) Positive
 c) Neutral d) None of these
- Q82) The magnitude of an earthquake is recorded by an instrument called
 a) Barometer b) Seismograph
 c) Photometer d) None of these
- Q83) Which part of the cell are called suicide bags
 a) Cytoplasm b) Mitochondria
 c) Lysosome d) None of these
- Q84) Halley's comet is visible once in
 a) 76 years b) 75 years c) 73 years d) 72 years
- Q85) Prithvi is another name for which of the following Planets
 a) Venus b) Earth c) Neptune d) Jupiter
- Q86) Ganga action plan was launched in the year
 a) 1983 b) 1984 c) 1981 d) 1985

Q87) The Sun light, also called white light Consists of how many colors

- a) 6 b) 7 c) 8 d) 4

Q88) The Size of the Pupil in the eye is controlled

- a) Cornea b) Iris c) Retina d) None of these

Q89) Which of the following can be beaten into thin sheets

- a) Phosphorus b) Sulphur c) Oxygen d) Zinc

Q90) Which of the following is essential for Combustion

- a) Carbon Dioxide b) Oxygen c) Nitrogen d) Sulphur

KEPT INTENTIONALLY BLANK

USE FOR ROUGH WORK