Time :11.30a.m. to 1.00 p.m.

CENTRE:								

DATE:	1	3	1	2	2	0	2	0

EXAM SEAT NO. :	1	3	6	2	1	0	0					

EXAM SEAT NO. (in words)	one	three	six	two	one	zero	zero				

NATIONAL MEANS-CUM MERIT SCHOLARSHIP SCHEME EXAMINATION 2020-21 (STD. VIII)

Scholastic Aptitude Test (SAT)

Instructions to the Candidates:

1) PART II Scholastic Aptitude Test Time 90 Minutes Maximum Marks 90

2) Write your Seat No. both in figures and in words on this Question Booklet (above) as well as on the Answer Sheet (OMR Sheet) supplied to you.

3) Each question carries one Mark.

4) All questions are compulsory.

5) You have to mark your answers on Answer sheet provided with the Question Booklet. Each question is provided with four alternatives. Answer to each question is to be indicated by **making a dark circle on** the number of the correct alternative in the Answer sheet from amongst those given against the corresponding question in the Question Booklet.

6) Rough work can be done any where in the question booklet.

Please Note the Centre Codes:

1. Bicholim 0001
2. Bardez 0002
3. Pernem 0003
4. Sattari 0004
5. Tiswadi 0005
6. Ponda 0006
7. Salcete 0007
8. Sanguem 0008
9. Canacona 0009
10. Quepem 0010
11. Dharbandora 0011
12. Mormugao 0012



SCHOLASTIC APTITUDE TEST-NMMSSE 2020-21

Std VIII

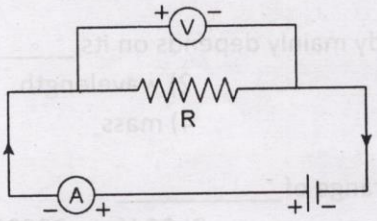
Q. 1. When glass rod is rubbed on a silk cloth it_____

1)gains electrons
2) loses electrons
3) gains protons
4) loses protons

Q. 2. Rishit wanted to make a light bulb glow. Which set of materials would he need ?

1) light bulb, dry cell, wire
2) Rubber band, light bulb, dry cell
3) plastic stick, light bulb, dry cell
4) Paper strip, light bulb, dry cell

Q. 3. In the circuit diagram shown, what does instrument A measures?



1) voltage
2) resistance
3) emf
4) current

Q. 4. Which of the following has relatively more temperature?

	Object	Temperature
1.	P	-10° F
2.	Q	+10° F
3.	R	0° C
4.	S	-10° C

1. P 2. Q 3. R 4. S

Q. 5. A body makes 60 oscillations in 2 minutes then its time period is _____

1) 30 seconds
2) 0.5 seconds
3) 2 seconds
4) 120 seconds

Q. 6. It is observed that when body exerts a force of 16 dyne on a surface pressure is 0.8 N/m^2 .Then the area of the surface is _____

1) $2 \times 10^{-4}\ m^2$
2) $20\ m^2$
3) $12.8\ m^2$
4) $1.28 \times 10^{-4}\ m^2$

Q. 7. A ray of light is incident perpendicular on a plane mirror then the angle of reflection is _____

1) 90°
2) 180°
3) 0°
4) 45°

Q.19.A constituent of Petroleum, which is used in road surfacing is ---------

1) Paraffin wax
2) Bitumen
3) Diesel
4) Kerosene

Q.20.Which element among the given below is used to prepare a foil for wrapping the food item ?

1) Gold
2) Aluminium
3) Silver
4) Iron

Q.21.A compound used in fire -extinguisher to put off fire is -------

1) Water
2) Sulphur dioxide
3) Carbon dioxide
4) Sodium chloride

Q.22.Below are given two statements. Select the correct answer.

Statement (I) Coal is a fossil fuel.

Statement (II) Kerosene is a domestic fuel.

Answers: (1) Only Statement (I) is correct.

(2) Only Statement (II) is correct.

(3) Both Statements(I) and (II) are wrong.

(4) Both Statements(I) and (II) are correct.

Q.23.The only sublimable substance among the given below is --------

1) Iodine crystal
2) Sugar
3) Alum
4) Common salt

Q.24.The process of removal of wastes produced in the cells of the living organisms is called --------

1) Excretion
2) Transpiration
3) Circulation
4) Respiration

Q.25.In plants, water is transported through -----

1) Stomata
2) Xylem
3) Phloem
4) Root hair

Q.26.The Pistil is the female reproductive part of a plant, consists of ------

1) Stigma, Style and Anther
2) Anther and Filament
3) Ovary, Style and Stigma
4) Ovary, Anther and Stigma

Q.27.The process of fusion of the male gamete and the female gamete is called -----

1) Pollination
2) Seed formation
3) Reproduction
4) Fertilisation

Q.28.Mature Ovary forms the -----

1) Seed
2) Fruit
3) Stamen
4) Pistil

Q.39. Ibn Battuta was a traveller from which country?

1) Italy
2) France
3) Portugal
4) Morocco

Q.40. An association for propagating caste equality founded by Jyotiba Phule was the_____.

1) Arya Samaj
2) Brahmao Samaj
3) Satyashodhak Samaj
4) Veda Samaj

Q.41. Which Party announced 'Direct Action Day' in 1946 ?

1) Indian National Congress
2) Jana Sangh
3) Janata Party
4) All India Muslim League

Q.42. Nizam-ul-Mulk Asaf Jah, was the founder of which State?

1) Junagadh
2) Manipur
3) Jammu and Kashmir
4) Hyderabad

Q.43. The British exiled Bahadur Shah to _____.

1) Pakistan
2) Mynmar
3) Srilanka
4) Nepal

Q.44. The Goa Kadambas were the worshippers of _____.

1) Vishnu
2) Shiva
3) Durga
4) Saptamatrikas

Q.45. Who captured Delhi and established his own dynasty by defeating Humayun in 1540.

1) Sher Shah Sur
2) Jalaluddin Khalji
3) Ghiyasuddin Tughluq
4) Firuz Shah Tughluq

Q.46.Which was the first newspaper in India ?

1) Darpan
2) Prabhakar
3) Amrit Bazar Patrika
4) Kesari

Q.47. Match the following

List - I	List - II
A) Dikus	a) cattle herders
B) Khonds	b) outsiders
C) Van Gujjars	c) goat herders
D) Bakarwals	d) community living in the forest of Orissa
	e) cocoons reared

Q.48. Man does different types of work.Thus is called

1) Fishing
2) Occupations
3) Technology.
4) Capital

Q.61. The day 8th March is celebrated as the International--------- day.

1) Children's
2) Women's
3) Men's
4) Names

Q.62. Who has the responsibility of protection of the Country?

1) Army
2) Navy
3) Government
4) Judiciary

Q.63. Which organisation was formed in 1995 to form rules about world trade ?

1) Economic. Organisation
2) World trade centre
3) World trade organisation
4) World trade association

Q.64. Where is Food and Agriculture organisation located ?

1) Geneva
2) Rome
3) New York
4) Delhi

Q.65. Who was the first female chairperson of United Nations General Assembly?

1) Sarojini Naidu
2) Vjayalakshmi Pandit
3) Indira Gandhi
4) Aruna asaf Ali

Q.66. The earth summit was hosted in

1) 1991
2) 1992
3) 1993
4) 1994

Q.67. To preserve----------'is core of India's foreign policy.

1) To create friendly relations.
2) To establush dominence
3) To preserve International peace.
4) Economic development

Q.68. What has led to the integration of economics?

1) Privatization
2) Organization
3) Globalization
4) Development

Q.69. How many permanent members are there in the security council of the united Nations?

1) 5
2) 10
3) 15
4) 20

Q.70. The chiefs of the three forces are appointed by

1) The speaker of Lok Sabha
2) The prime minister
3) The President
4) The vice president

Q.71. $7 \times (2 + 3) = (7 \times 2) + (7 \times 3)$ is an example of _____

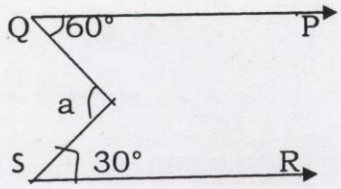
1) distributive property
2) associative property
3) closure property
4) commutative property

Q.72. $[0.25 \div 0.5] + [0.25 + 0.5] =$ _____

1) 0.80
2) 0.86
3) 1.70
4) 5.75

Q.85. In figure, if QP ‖ SR , the value of ' a ' is _____

1) 30°
2) 40°
3) 80°
4) 90°



Q.86. In Δ PQR , if PQ = QR and ∠Q = 100° , then ∠ R = _____

1) 40°
2) 50°
3) 80°
4) 120°

Q.87. Choose the correct option, whether the statements are True (T) or False (F):

i) Two right angles are complementary to each other.
ii) Two supplementary angles are always obtuse angles.
iii) Two right angles are always supplementary to each other.

1) FFT
2) TFF
3) TFT
4) FTF

Q.88. In Δ ABC, $\angle A = 80^\circ$, AD bisects $\angle A$ and AD ⊥ BC. Then $\angle B$ = _____

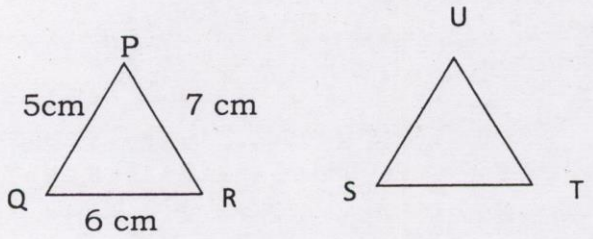
1) 80°
2) 50°
3) 30°
4) 20°

Q.89. The hypotenuse of a right angled triangle is 15 cm. One of its sides is 9cm. What is the length of the other side ?

1) 23 cm
2) 18 cm
3) 13 cm
4) 12 cm

Q.90. If Δ PQR is congruent to Δ STU , then what is the length of TU ?

1) 5 cm
2) 6 cm
3) 7 cm
4) cannot be determined



NATIONAL MEANS CUM MERIT SCHOLARSHIP SEARCH EXAM (NMMSSE) 2020-21

SCHOLASTIC APTITUDE TEST (SAT) Std.VIII

Corrected ANSWER KEY

D.O.E. 13/12/2020

Q	A	Q	A	Q	A	Q	A	Q	A
1	**2**	21	**3**	41	**4**	61	**1**	81	**3**
2	**1**	22	**4**	42	**4**	62	**3**	82	**2**
3	**4**	23	**1**	43	**2**	63	**3**	83	**2**
4	**3**	24	**1**	44	**2**	64	**2**	84	**1**
5	**3**	25	**2**	45	**1**	65	**2**	85	**4**
6	**1**	26	**3**	46	**1**	66	**2**	86	**1**
7	**3**	27	**4**	47	**3**	67	**3**	87	**1**
8	**1**	28	**2**	48	**2**	68	**3**	88	**2**
9	**2**	29	**3**	49	**4**	69	**1**	89	**4**
10	**3**	30	**2**	50	**2**	70	**3**	90	**2**
11	**3**	31	**3**	51	**3**	71	**1**		
12	**4**	32	**4**	52	**2**	72	**1**		
13	**3**	33	**3**	53	**1**	73	**2**		
14	**4**	34	**4**	54	**1**	74	**1**		
15	**1**	35	**2**	55	**1**	75	**3**		
16	**2**	36	**3**	56	**2**	76	**1**		
17	**4**	37	**1**	57	**2**	77	**3**		
18	**1**	38	**2**	58	**3**	78	**3**		
19	**2**	39	**4**	59	**1**	79	**4**		
20	**2**	40	**3**	60	**2**	80	**2**		

Question No.47 shall not be scored.

