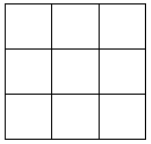
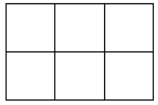
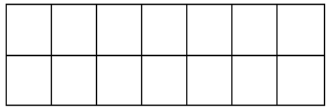
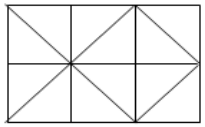
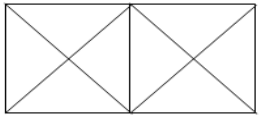
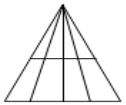
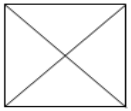
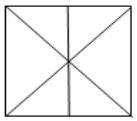
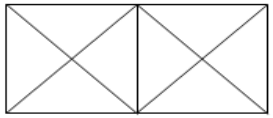
STATE EXAMINATION BOARD

NMMS EXAM-2017 (Exam Date : 05-11-2017) **FINAL ANSWER KEY (PUBLISHED DATE : 03/01/2018)**

No.	QUESTIONS	ANSWER
SECTION : 1 MENTAL ABILITY TEST		
	In the following question no.1 to 10 are arranged in a series with some principles of maths. One term of the series is missing. Choose the correct option that will continue the some pattern and replace the question mark (?) in given series. (Q.1 to 10)	
1	1, 2, 3, 2, 3, 5, 3, 4, 7, 4, 5, ?	(A) 9
2	64, 16, 32, 8, ?	(D) 16
3	2, 3, 5, 6, ? , 9, ? , 12, 14	(C) 8, 11
4	2, 11, 7, 16, 12, ? , 17, 26	(A) 21
5	1, 2, 4, 8, 16, 32, ?	(C) 64
6	3, 9, 27, 81, 243, ?	(B) 729
7	$\frac{1}{2}$, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{7}{16}$, ?	(D) $\frac{9}{32}$
8	19200, 1920, 240, 40, 10, ?	(C) 5
9	84, 72, 60, ?, 36	(D) 48
10	1, 2, 6, 24, 120, ?	(B) 720
	Find the total number of squares in the figures given below. (Q. 11 To 15)	
11		(C) 14
12		(B) 8
13		(D) 20

STATE EXAMINATION BOARD

NMMS EXAM-2017 (Exam Date : 05-11-2017) **FINAL ANSWER KEY (PUBLISHED DATE : 03/01/2018)**

No.	QUESTIONS	ANSWER
14		(B) 9
15		(C) 3
	Find the total number of triangles in the figures given below. (Q. 16 To 20)	
16		(D) 6
17		(C) 20
18		(D) 8
19		(A) 12
20		(B) 18
	In question no.21 to 25, English alphabets are given in word form. Arrange the correct sequence according to alphabetical order.	
21	PEN	(C) ENP
22	FAN	(A) AFN

STATE EXAMINATION BOARD

NMMS EXAM-2017 (Exam Date : 05-11-2017) **FINAL ANSWER KEY (PUBLISHED DATE : 03/01/2018)**

No.	QUESTIONS	ANSWER
23	CHAIR	(D) ACHIR
24	WENT	(B) ENTW
25	STOP	(B) OPST
	In question no.26 to 30, English letters are given digital numbers. Using then find the correct code for given group of letters. Digit : 9 7 5 3 Alphabets : A B C D	
26	BDAC means...	(C) 7395
27	ABDC means...	(A) 9735
28	CDAB means...	(B) 5397 & (D) 5397
29	DCAB means...	(B) 3597
30	CABD means...	(D) 5973
	In question no.31 to 35, four figures are given in each. Find the figure differ from rest.	
31		(D)
32		(B)
33		(C)
34		(A)
35		(B)
	In question no.36 to 40, relation between first two terms are given. Find the suitable option for que. mark (?).	
36	Movie : Director :: Newspaper : ?	(C) Editor

STATE EXAMINATION BOARD

NMMS EXAM-2017 (Exam Date : 05-11-2017) **FINAL ANSWER KEY (PUBLISHED DATE : 03/01/2018)**

No.	QUESTIONS	ANSWER
37	Book : Paper :: ? : ?	(D) Notebook : Paper
38	Tree : Neem :: Shrub : ?	GRACE
39	Police : Gun :: Teacher : ?	(D) Book
40	Humble : Poor :: Optimates : ?	(B) Rich
	In question no.41 to 50, four options are given in each. Find the option differ from the rest.	
41	(A) 14 (B) 21 (C) 49 (D) 64	(D) 64
42	(A) Door (B) Gate (C) Furniture (D) Window	(C) Furniture
43	(A) Calculator (B) Pen (C) Pencil (D) Ink	(A) Calculator
44	(A) Ring (B) Ornament (C) Neckless (D) Bangal	(B) Ornament
45	(A) Engineer (B) Lawyer (C) Doctor (D) Court	(D) Court
46	(A) Goat (B) Buffelo (C) Ox (D) Cow	(C) Ox
47	(A) Asia (B) Canada (C) Europe (D) Africa	(B) Canada
48	(A) Mango (B) Apple (C) Brinjal (D) Banana	(C) Brinjal
49	(A) Maize (B) Lablab (C) Gram (D) Peas	(A) Maize
50	(A) Football (B) Hokey (C) Cricket (D) Chess	(D) Chess
	In question no.51 to 55, mirror image of alphabetical letters are given. Find the correct option for answer	
51	R (A) (B) (C) (D)	(A)
52	G (A) (B) (C) (D)	(D)
53	(A) (B) (C) (D)	(C)
54	(A) (B) (C) (D)	(B)
55	(A) (B) (C) (D)	(A)

STATE EXAMINATION BOARD

NMMS EXAM-2017 (Exam Date : 05-11-2017) **FINAL ANSWER KEY (PUBLISHED DATE : 03/01/2018)**

No.	QUESTIONS	ANSWER
	Read all information given below and carefully answer the question. (Q.56 to 60) • Six book are specially arrenged on each other. • Mathematics is exactly below Civix. • Geography is between English and Economics. • History is not at the top, and the lowest of Civix is below.	
56	Which book is second to the top ?	(A) Geography
57	What is the true state of Mathematics ?	(B) Top fifth
58	Which book is at the top ?	(D) Incomplete Instruction
59	Which book is forth from bottom ?	(D) Incomplete Instruction
60	Which book is at the bottom ?	(A) Civix
	Arrange the option in suitable and logical seuence. (Q.61 to 65)	
61	(a) District (b) Taluka (c) Village (d) State	(B) c-b-a-d
62	(a) Shershah (b) Humayun (c) Akbar (d) Babar	(A) d-b-a-c
63	(a) Radius (b) Circufiarance (c) Centre (d) Diameter	(A) c-a-d-b
64	(a) College (b) Primary school (c) Secondary school (d) Kid group	(A) d-b-c-a
65	(a) Sunset (b) Sunrise (c) Midday (d) Night	(B) b-c-a-d
	In question no.66 to 70, + means ×; × means -; - means + and ÷ means - are taken then after simplification, find the value of following.	
66	18 – (3 + 6) ÷ 2	(A) 34
67	25 x 3 – (6 x 5) ÷ 9	(C) 14
68	(8 – 6) + (7 x 4) ÷ 4	(A) 38
69	32 x 4 – (9 + 4) ÷ 20	GRACE
70	9 + 8 – 7 x 6 ÷ 4	(D) 69
	In question no.71 to 90, do and give answer as directed.	
71	After arranging the letters of English alphabet in a line which will be the seventh letter from the right side after the thirteenth letter from the left side ?	(B) T
72	Which letters come in English alphabet between ‘H’ and ‘S’.	(D) All these three
73	If monday is on the first day of any month, then what day does it come on 25th date of the same month ?	(B) Thurday

STATE EXAMINATION BOARD

NMMS EXAM-2017 (Exam Date : 05-11-2017) **FINAL ANSWER KEY (PUBLISHED DATE : 03/01/2018)**

No.	QUESTIONS	ANSWER
74	If your face is opposite of the sun at sunrise, what direction will it show that your left hand is stretching to the left ?	(A) North
75	Which Month differs from rest three ?	(B) February
76	How many common wall are there in 5 raw houses adjoining in a line ?	(A) 4
77	How many metres has one kilometre ?	(B) 1000
78	How many thousands are there in one Lakh ?	(B) 100
79	12 students stand in a queue. If Mohan stands at fifth position from the beginning, what position of Mohan will be from the last ?	(C) 8
80	How many minutes are there in 2.5 housr ?	(D) 150 min.
81	How many times does 11 pair in “54116114511993311” ?	(C) 4
82	How often does ‘P’ repeat in APRSQPPZYPTCPQMP ?	(C) 6
83	How often will 28 feet long copper wire be cut to make equal pieces of 4 feet ?	(B) 6
84	Find the number which 40 percent and its 40 percent is 48 ?	(C) 300
85	Which one city is different from Mumbai, Ahmedabad, Bhopal and Jaipur ?	(B) Ahmedabad
86	It was Tuesday on 26th January 2016, Then on which day the flag hoisting will be held on 26th January 2017 ?	(C) Thursday
87	Fill in the blanks to make the eqation correct ? (36 ____ 4) ___ 8 = 1	(D) ÷ , −
88	I am not a neighbouring state of Gujarat ?	(A) Chhatisgarh
89	Arrange in ascending order : (1) Teenager (2) Childish (3) Infant (4) Youth	(C) 3-2-1-4
90	Which word is different ?	(D) Asphalt
Section – 2 : (Maths, Science & Technology, Social Science)		
91	Find the sum of first 25 prime numbers ?	GRACE
92	How many pieces of 4.5 metres will be cut from 225 metre long wire ?	(B) 50
93	Find the L.C.M. of 12, 36, 6 and 9 ?	(D) 36
94	The product of two numbers is 1000. If GCF of such numbers is 5 then find the L.C.M. ?	(A) 200
95	Find the square root of 20.25 ?	(A) 4.50
96	Find the square root of the cube root of the square of 8 ?	(C) 2
97	Find the percentage of saving if Ramesh consumes 3/4 portion of his income ?	(B) 25%
98	_____ % of 300 is 60.	(C) 20
99	A book was bought in Rs. 80/-. She sale with 20% profit. Find out the sale price of the book.	(C) Rs.96
100	If the selling price of 30 books and 25 books are equal. How much percentage of profit will it be ?	(D) 20 %
101	There is 10% water in 20 kgs milk. Then how much water will be powerd to get 25% quantity of water.	(B) 4 kg

STATE EXAMINATION BOARD

NMMS EXAM-2017 (Exam Date : 05-11-2017) **FINAL ANSWER KEY (PUBLISHED DATE : 03/01/2018)**

No.	QUESTIONS	ANSWER
102	At what rate will the interest of Rs.1500/- for five years be Rs.300/- ?	(D) 4 %
103	What will be the simple interest of Rs.800/- for 4 years at the rate of 6% ?	(A) Rs. 204
104	If 12 persons completes the work in 48 days, how many days will 36 persons take to complete the same work ?	(B) 16 day
105	What is the average of first five multiples of 7 ?	(C) 21
106	$\left(\frac{1}{3}\right)^3 \times 3^{-2} \times 3^5$	(D) 1
107	if $8x = 64$ then x = ?	(B) 8
108	Find the formula of the volume of the coin of one rupee ?	(C) $\pi r^2 h$
109	From which latin word is the word percentage derived ?	(C) Per Centum
110	What is the short form of $\frac{51}{68}$?	(B) $\frac{3}{4}$
111	What type of magnet is used in compass ?	(C) Needal magnet
112	Which of the following disease related to bones ?	(A) Rickets
113	Which pair is wrong ?	(A) Vitamin-A: Helping in blood culture
114	Where is the food mixed in human body ?	(B) Stomach
115	What is the external effect, which changes the position of an object ?	(A) Force
116	Which one is unicellular animal ?	(B) Euglena
117	What happens when one crop is taken repeatedly in a single field ?	(B) crop production decreases
118	What is Water ?	(B) Compound
119	Why are sails in the boat and the ship ?	(C) to use wind energy
120	Which of the following animal has no ear ?	(D) Camalion
121	Which is the nearest planet to the Earth ?	(C) Venus
122	Which of the following substances is the good conductor of heat ?	(C) Copper
123	Which type of change " ripeninf of mango" ?	(A) Non-periodic changes
124	Which one is the main source of energy ?	(D) Sun
125	Which of the following pollutes the soil most ?	(B) Plastic
126	What is the speed of light ?	(A) 225000 km/sec
127	Where was magnet discovered ?	(D) Greece
128	The leaves of which plant show senstivity when they are touched ?	(B) Mimosa

STATE EXAMINATION BOARD

NMMS EXAM-2017 (Exam Date : 05-11-2017) **FINAL ANSWER KEY (PUBLISHED DATE : 03/01/2018)**

No.	QUESTIONS	ANSWER
129	What colour does turmeric paper give with the reaction of soap water ?	(D) Real
130	Which kind of plant is hibiscus ?	(D) Shrub
131	Which method is useful for preventing water in large scale ?	(D) Evoporation
132	Which of the following instrument generates electricity ?	(C) Cell
133	How many types of lever are there ?	(C) Three
134	What is air ?	(C) Mixer
135	1 cubic metre = _____	(A) 10,00,000 cm^3
136	Which of the following symbol is used for density ?	(A) d
137	The ray of light on the surface of plane mirror is called _____.	(A) Incident ray
138	Which instruments is used to measure the pressure of air ?	(C) Berometer
139	In which organ has pollen grain produced ?	(B)Anthers
140	Name the method where growing plants are without soil ?	(C) Hydroponics
141	Which of the following disease is caused by bacteria ?	(D) Tuberculosis
142	What is name of membrane in human ear ?	(B) Tympanic
143	Which type of energy is released from limestone ?	(A) Chemical energy
144	Which glass is very strong ?	(C) Bulletproof glass
145	What stores in camel's hump ?	(B) Fat
146	Who accepted the challenge to discover sea route to India ?	(B) Columbus
147	Who become the Nawab of Bengal after the death of mir Jafer ?	(C) Robert clive
148	Which gas is increases in the air due to the cutting of trees ?	(B) CO_2
149	From which does our constitution start ?	(C) Preamble
150	Which country has the longest writter constitution in the world ?	(A) India
151	According to 2011 cencus, in india what is the ratio of femal per 1000 male ?	(D) 940
152	Who makes the law of union list ?	(A) Parliament
153	Which policy was like slow poison for the princely states of India ?	(C) Subsidiary scheme
154	which railway service is obstructed due to land slide ?	(A) Konkan
155	Who said that "English education is the education of slavery" ?	(D) Mahatma Gandhi
156	Who has the power to decide about the meeting and announce the completion of sessions of the Parliament ?	(C) President
157	What was the symbol of the revolt of 1857 ?	(D) Lotus and Roti
158	Which rifle is introduced in 1857 in Indian army ?	(C) Enfield rifle
159	By which name, are the metal plates and stone writings knows s ?	(A) Inscriptions

STATE EXAMINATION BOARD

NMMS EXAM-2017 (Exam Date : 05-11-2017) **FINAL ANSWER KEY (PUBLISHED DATE : 03/01/2018)**

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160	How many languages are reconized by Indian constitution ?	(B) 18
161	Name the horizontal line drawn in the middle of the earth ?	(A) Equator
162	Which colour is used to show plains in maps ?	(A) Yellow
163	Who imperisoned Rajyavardhan's sister Rajyashree ?	(B) Devgupt
164	Which country has night when there is day in India ?	(D) Canada
165	Which arm of the government executes laws ?	(A) Executive
166	Which of the following was the capital of chola dynesty ?	(B) Tanjor
167	Who was the first sultan of Delhi of slave Dynasty ?	(B) Qutub-ud-din-Aibak
168	Which dynesty does the greatest king Siddhraj Jaisingh belong to ?	(C) Solanki Dynasty
169	Where is the high court of Gujarat ?	(D) Ahmedabad
170	Who become the emperor of Delhi after Babar ?	(A) Humayun
171	Which mughal emperor had the judicial system "Justice for all" ?	(D) Jahangir
172	Which country did christopher columbus belong to ?	(C) Italy
173	Which country did the Dutch belong to ?	(D) Holland
174	Where does the constitution of India begin?	(C) Preamble
175	Which of the following lady was associated with constitutional committee ?	(D) Sarojini Naidu
176	Where was the first railway line started in India ?	(B) Between Mumbai and Thane
177	Which pollution must be instrupted to reduce the possibility of drought ?	(B) Atmospheric
178	Who started English education in India ?	(C)Macaulay
179	Which ruling system did India adopt ?	(B) Democratic
180	Which of the following states was not accepted adopted son as the heir to the throne by Britishers ?	(A) Jhansi

NOTE : IN QUESTION NO.28-63-139 & 178 THE ANSWER ARE CHANGE.