NTSE EXAM-2017 (Exam Date : 05-11-2017)

ENGLISH MEDIUM

Revised Final Answer Key (Publish Date : 18-01-2018)

No.	QUESTIONS	ANSWER
SECTION : 1 MENTAL ABILITY TEST		
	In each of the following question no.1 to 10, a number series is given with missing of one term. Choose the correct alternative that will continue the same pattern and replace the question mark (?) in the given series.	
1	12, 24, 37, 51, 66, ?	(B) 82
2	4, 9, 20, 43, ?	(A) 90
3	6, 215, 7, 342, 8, ?	(D) 511
4	28, 33, 40, 51, 64, ?	(C) 81
5	200, 64, 100, 32, 50, 16, ?	(A) 25
6	122, 170, 226, 290, ?	(B) 362
7	730, 511, 344, 215, ?	(D) 126
8	2.5, 5, 7.5, ?, 12.5	(A) 10
9	1, 2, 6, 21, ?	**GRACE**
10	10, 17, 26, ? , 50, 65	(A) 37
	Four figures are given in question no.11 to 15. One of the figure differs from the rest. Find the figure which is differ from others.	
11	(A) (B) (C) (D)	(A) & (B)
12	(A) (B) (C) (D)	(C)

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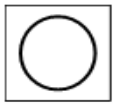
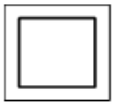
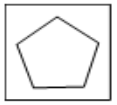
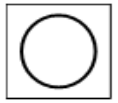
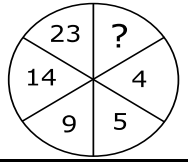
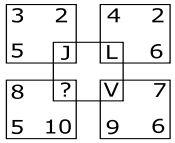
No.	QUESTIONS	ANSWER
13	(A) (B) (C) (D)	(D)
14	(A) (B) (C) (D)	(D)
15	(A)  (B)  (C)  (D)	 (B)
	In question no.16 to 20, figures are given with question mark (?). Complete the figure replacing question mark (?) with suitable number logically.	
16		(B) 37
17		(A) W

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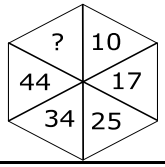
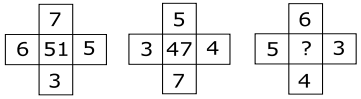
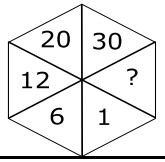
No.	QUESTIONS	ANSWER
18		(B) 55
19		(C) 39 & (D) 45
20		GRACE
	In question no.21 to 25, English alphabets are given digital number/code. Using them, find the correct digital number/code for given English word by choosing the correct option given below.	
21	If GOOD = 715154 then NEWS = ?	(D) 1452319
22	If GOAT = 43 then COW = _____.	(B) 41
23	If CAMEL = XZNVO then BIJAL = ?	(C) YRQZO
24	If WINDOW = 987659 and TREE = 3422 then WINTER = ?	(D) 987324
25	If MANJU = 13-1-14-10-21 then RITJU = ?	(C) 18-9-20-10-21
	According to the question, choose the correct option in question no.26 to 50.	
26	Find the correct co-related word. centimetre : metre :: ? : ?	(D) Millilitre : Litre
27	Find the correct co-related number. 5 : 36 :: ?	**GRACE**
28	Find the correct co-related character : E : V :: I : ?	(B) R
29	If + means ×, – means ÷, × means +, and ÷ means – are considered then find the value of 10 × 18 – 9 + 3 ÷ 1	(A) 15
30	If + means ×, – means +, × means – , and ÷ means – are considered then find the value of (8 – 6) + (7 × 4) ÷ 4	(D) 38

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No.	QUESTIONS	ANSWER
31	Which of the four option given below shows the correct sequence of the given words ? (1) service (Job) (2) Examination (3) Learning (4) Admission (5) Result	(B) 4,3,2,5,1
32	Show the correct sequence of the given four option in ascending order. (1) Prime minister (2) Chief Minister (3) Mayor (4) President (5) Sarpanch (A) 5,3,2,4,1 (B) 5,2,3,4,1 (C) 5,3,2,1,4 (D) 5,3,2,1,4	**(C) 5,3,2,1,4 & (D) 5,3,2,1,4**
33	What will come in place of question mark (?). If 3 * 6 = 18, 4 * 7 = 22 and 9 * 1 = 20 then 5 * 2 = ?	(A) 14
34	If 4 x 5 = 1625, 3 x 8 = 964, 2 x 6 = 436 then 1 x 9 = ?	(C) 181
35	What was the day before yesterday if Thursday was the day after tomorrow?	(B) Sunday
36	On 14th January 2014 is saturday, then which day on 15th August 2014 ?	(A) Tuesday
37	A statement and four predictions are given in the following question. Find a fair prediction. Some leaders like Nagesh are corrupt.	(D) Some leaders are corrupt.
38	Among M, T, R and P, M is older then only P, T is older than R. Then who is older to all ?	(A) T
39	Amrita is older than Namrata. Namrata is younger than Anjali. Who is oldest of all ?	**GRACE**
40	'A' and 'B' are brother and sister. Their father is 'C'. 'D' is sister of 'A'. 'E' is mother of 'C' & 'D'. Then what will be 'B' of 'E' ?	**GRACE**
41	A person was watching a photo. He said : 'I had neither brother nor sister but this person's father is the only son of my grand father'. Then whose photo was that person was watching ?	(C) Himself
42	Suresh and Mahesh were in opposite direction of each other in the evening on the Gujarat University ground. The shadow of Mahesh appears on his right side. Then in which direction Suresh's mouth will be ?	(B) South
43	Manish's number is 14th from right side in queue of 40 students. Then from the left side at which number will his place be ?	(A) 27th
44	"Turn back – see front". How many degree angle will be formed by a man in this situation ?	(B) 180^{o}
45	Which number is wrong in following series ? 41, 41, 42, 44, 48, 51, 56	(A) 48
46	643145312143174312931 In the above series, how many 3's are there such that 1 comes after and 4 comes before ?	(C) 3

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No.	QUESTIONS	ANSWER
47	Which word can be made with the characters of the given words. "INTERNATIONAL"	(D) INTERNAL
48	In the following options three are similar group but one is different from them. Find that different option.	(C) 39-45
49	In the following options three are similar group but one is different from them. Find that different option.	(D) MLN
50	Richa walks 4 km in the direction of sun on sunset time. Then she turns a right and walks 1 km. She turns left and walks 1 km then she turns left and walks 1 km. Now how many km would she away from her origin ?	(C) 5
PART – 2 LANGUAGE TEST (ENGLISH MEDIUM)		
	Fill in the blanks with proper forms of verbs. (Q. 51 to 55) Blandford started__(51)__ towards her. But then he ___(52)___. She __(53)___ a rose. As he moved. She __(54)__ sweetly, "__(55)___ my way, soldier ?" She murmered.	
51	(A) walk (B) walked (C) walks (D) walking	(D) walking
52	(A) notice (B) notices (C) noticed (D) noticing	(C) noticed
53	(A) does not have (B) did not had (C) did not have (D) will not have	(C) did not have
54	(A) smiled (B) smiles (C) smile (D) smiling	(A) smiled
55	(A) goes (B) going (C) go (D) went	(B) going
	Fill in the blanks in the following passage with proper forms of words. (Q. 56 to 60) The (56) Lord was (57) busy that day. He was in to his (58) day of overtime. When he was working with full (59) , an angel (60) there.	
56	(A) good (B) goodness (C) well (D) goodly	(A) good
57	(A) extreme (B) extremely (C) extrimity (D) extere	(B) extremely
58	(A) six (B) sixth (C) sixes (D) sixteenth	(B) sixth
59	(A) concentrate (B) concentrated (C) concentratedly (D) concentration	(D) concentration
60	(A) appears (B) appearance (C) appeared (D) appear	(C) appeared

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Revised Final Answer Key (Publish Date : 18-01-2018)

No.	QUESTIONS	ANSWER
	Fill in the blanks with proper preposition in the given passage. (Q.61 to 63) I was looking out (61) her as the train drew (62) the station and I felt an unexpected thrill. I saw her walking (63) the platform.	
61	(A) of (B) for (C) in (D) into	(B) for
62	(A) of (B) for (C) upon (D) into	(D) into
63	(A) up (B) on (C) down (D) in	(B) on
	Fill in the blanks with proper conjuctions in the given passage. (Q.64 to 66) (64) I reached there, I saw (65) my friend was injured, (66) I look him to the hospital.	
64	(A) When (B) While (C) Before (D) Till	(A) When
65	(A) if (B) while (C) whether (D) that	(D) that
66	(A) because (B) as (C) so (D) since	(C) so
67	Arrange the following words in proper order to make a meaningful sentence. (1) his cheeks (2) and blew (3) the wind (4) puffed	(D) 3,4,2,1
68	Arrange the following words in proper order to make a meaningful sentence. (1) depressed (2) was (3) Mohan (4) and cried	(B) 3,2,1,4
69	Give antonyms : Conclude	(D) begin
70	Give antonyms : Like	(A) unlike & (B) dislike
71	Find out suitable interrogative sentence (Question) to get the underlined words as the answer. Mala went to Mt. Abu last week.	**GRACE**
72	Find out suitable interrogative sentence (Question) to get the underlined words as the answer. Sunita cancelled her tour as she is sick.	**GRACE**
73	Change the following sentence into exclamatory sentence. It was a wonderfull shot.	**(B) & (D)**
74	Change the following sentences into passive voice. Chirag won the competition.	(A) The competition was won by Chirag.

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No.	QUESTIONS	ANSWER
75	Change the following sentences into passive voice. Divyesh could not answer the question.	(C) The question could not be answered by Divyesh.
76	Give opposite word : Honest	(C) Sneak
77	Give one word for : Water tank	(A) Cistern
78	Arrange the following words in proper order to make a meaningful sentence. (1) many (2) balls (3) are (4) how (5) in the basket (6) here	(B) 4,1,2,3,6,5
79	Fill the blank with proper word. _____ makes us behave as if problems do not exist or are someone else's.	(D) Apathy
80	Give the synonyms : Awful	(B) Dreadful
81	'To break the ban' means to overcome the _____.	(D) taboo
82	Rabindranath Tagore is regarded as _____ greatest writers in morden Indian literature.	(C) one of the
83	My favourite film is 'Mother India'. _____ it four times.	(D) I've seen
84	Don't take that newspaper away. _____ it.	(B) I am going to read
85	I will be with you in _____.	(C) a quarter of an hour
86	Complete the sentence with a negative verb. Julia _____ be here tomorrow. She's going away.	(A) won't
87	Give past simple verb : Light	(D) Lit
88	Give past participle verb : Run	(A) Run
89	Find the misspelling word.	**(A), (B) & (C)**
90	Find the correct spelling word.	(C) Occasionally
91	Give synonyms : Destiny	(A) Fate
92	Give the opposite word : Hush	(C) Noise
93	Give a similar meaning of the word : Scarcely	(B) Barely
94	Give sysnonyms : Requirement	(D) Need

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No.	QUESTIONS	ANSWER
95	Give antonym : Faint	(A) Bright
96	Find the correct spelling word.	(B) Bauxite
97	Find incorrect spelling word.	(D) Vaccum
98	Have you got _____ homework to do ?	(A) much & (C) a lot of
99	How _____ questions would you answer ?	(C) many
100	We _____ by a loud noise during the night.	(B) were waken up
Section – 2 : Scholastic Aptitude Test (MATHS)		
101	If $\cup = \{x \mid x \in N, x < 5\}$, $A = \{x \mid x \in N, x \leq 2\}$ then A' =_____	(C) {3,4}
102	0.235 is a _____ number.	(C) Rational
103	Which one is the constant term of $4x^3 - 3x^2 + 2x - 5$	(B) -5
104	Point (4,0) lies on_____.	(C) $\overrightarrow{OX}$
105	Line y = 4 is _____.	(C) Parrellal to X – Axis
106	_____ was the most logical and abstract creator of Euclid's geometry approach.	(A) Hilbert
107	If P-Q-R, Then _____ is the opposite ray of $\overrightarrow{QR}$.	(B) $\overrightarrow{QP}$
108	An angle is the union set of_____.	(C) rays
109	The sum of all six exterior angles of a triangle is _____.	(C) 720
110	If diagonals of a quadrilateral are not conjugate and bisect at right angle, then such quadrilateral is known as_____.	(D) rhombus
111	□ABCD is a rhombus. If ABCD = 160 and AC = 16 then BD=_____.	(B) 20
112	The length of minor arc $\overset{\frown}{AB}$ of ⊙ (P,7) is 14. Find the length of major arc $\overset{\frown}{AB}$.	(D) 30
113	The length of the edge of a equilateral triangle is 8 cm. Then semi circumfiearence of such triangle is_____ cm.	(C) 12

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No.	QUESTIONS	ANSWER
114	The formula of lateral surface area of cylender is _____.	(A) A = 2πrh
115	Upper limit of class '41-50' is _____.	(B) 50
116	G.C.D. of 4 and 19 is_____.	(A) 1
117	The polynomial having 3 degree is known as _____.	(D) Trinomial (cubic)
118	If $\frac{x+y}{xy} = 2$ and $\frac{x-y}{xy} = 6$ then y = _____	(A) $\frac{1}{4}$
119	Find the product of zeros of the quadratic polynomial : $x^2 - 4x + 3$.	(B) 3
120	In ΔABC, B is right angle. If a = 16 and c = 12 then b =_____	(C) 20
Science and Technology		
121	For which of the following physical quantitys, it is necessary to indicate direction along with its magnitude?	(C) Displacement
122	Which Newton's law of motion gives magnitute of force ?	(B) Second
123	Which of the following physical quantity is scalar quantity ?	(A) Mass
124	Give the SI unit of Density ?	**GRACE**
125	What is the full form of PNG ?	(B) Pipe Natural Gas
126	Which of the following is a monatomic moleculer ?	(C) Helium
127	Which Newton's law of motion defines force ?	(A) First
128	Density of water is _____.	(A) 1000 kg / m^3
129	What is the approximate diameter of human hair ?	(D) 50000 nm
130	What is the orbital period of halley's comet ?	(B) 76 years
131	Where is the image of an object formed in human eye ?	(C) Retina
132	What is the unit of electric potencial difference ?	(A) Volt
133	In which state of a substance, it has the shape ?	(D) Solid
134	Which of the following is correct for X-Rays ?	(B) It is electro magnatic waves

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135	State the atomic mass of H_2O ?	(C) 18 U
136	who was the scientist to make attampts for giving explanatory defination of element ?	(D) Laveziour
137	Which bond is present in oxygen atom ?	(B) & (C)
138	1 kWh = ... J	(A) 3.6×10^6
139	Who descovered y-rays ?	(C) Willard
140	Which radiation was discovered by Rutherford ?	(A) α & β
141	Which chemical is formed when non metalic oxides react with water ?	(D) Acid
142	What is the molecular formula of silver glance ?	(A) Ag_2S
143	How many elements are there in non metal ?	(B) 18
144	What percentage of carbon in Bituminous coal ?	(C) 78 – 86 %
145	Which is the largest cell in human body ?	**GRACE**
146	Who has given the word 'cell' ?	(A) Robert Hook
147	Which is the living component of xylem ?	(C) Xylem paranchyma
148	Living mechanical tissue is _____.	(B) Collenchyma
149	Which of the tissue has deposition of Pactin ?	(A) Collenchyma
150	Where is the place of Ciliated Epithelium Tissue ?	**GRACE**
151	Bone is _____.	(C) Connective tissue
152	Which one of infactions disease ?	(A) T.B.
153	Which one is belongs to 'Ritro virus group' ?	(D) HIV
154	Who is responsible for malaria ?	(C) Plasmodium
155	Where is the Gaseous exchange takes place during respiration in human being ?	**GRACE**
156	How many chambers are present in human heart ?	(C) 4
157	The spinal cord originates from where ?	(C) Medulla oblongata

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158	In which of the following living orgenisms spore formation takes place ?	(A) Mucor
159	The continuity of features from one generation to another is known as _____.	(D) Heredity
160	Which spice of Italian honey bee is useful for honey production ?	(D) Epis meliphera
Social Science		
161	Who discovered “Cap of Good Hope” island ?	(C) Bartholomew Diaz
162	When did Britishers establish the Head Quarter in Bombay ?	**GRACE**
163	When did the first world war start ?	(A) 1st August, 1914
164	Who established ‘Fascism’ in Italy ?	(B) Mussolini
165	In which country was national flag hoisted prepared by madom Cama ?	(C) Germany
166	Which festival was there in Punjab when Jallianwala Bagh massaere occurred ?	(A) Baishakhi
167	Which one of the following not included in the state known as ‘seven sisters’ ?	(B) Sikkim
168	Which day is celebrated as “Human Rights Day” ?	(D) 10 December
169	Which kind of democracy governance system there in our country ?	(B) Parliamentary
170	Where is India lies on in Asia continent ?	(A) South
171	Which canal has reduced the distance between Europe and India ?	(C) Suwej
172	By which name is the delta region of the Ganga and Brahmputra known as ?	(D) Sundarvan
173	By which name is the some rainfall at Malabar coast known as ?	(A) Amra Vrushti
174	In which state are wild goats and musk(Kasturi) deer found ?	(C) Jammu and Kashmir
175	Which fair of Gujarat is famous for buy and sale of donkeys ?	(D) Vautha
176	What does ‘Tsunaami’ means in Japanees language ?	(C) Destructive waves
177	In which sea “Lakshadweep” Island located ?	(B) Arabian Sea
178	After gaining Independence which state was the first to join Indian union ?	(D) Bhavnagar
179	Who established a political party “Forward Bloc” ?	(A) Subhashchandra Bose

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180	Which British system was like “sweet poison” ?	(B) Subsidiary Alliance
181	Who was the pioneer of armed revolution in Gujarat ?	**GRACE**
182	When did the people of Germany broke down the “Berlin wall” ?	(A) & (C)
183	What type of government was established to join Indian union by the people of Junagadh ?	(B) Arzai Hakumat
184	In which district Rangpur, having archaeological importance is situated ?	(A) Surendranagar
185	Who were the direct decendents of stoneage civilization and creator of Mohen-Jo-Daro’s Sindhdhu culture ?	(C) Dravid
186	The day of 21st june known as ?	(B) World Yoga Day
187	Which veda is known as Gangotri of Music ?	(D) Samveda
188	In which language did Abul Fazal write the Akabarnama ?	(A) Farsi
189	Which ancient university was situated at Badgaon village of Patna district in Bihar ?	(C) Nalanda
190	Name the Indian mathematician who discoverer zero ?	(A) Aryabhatta
191	Which book of maths had been written by Bhaskaracharya ?	(B) Lilavati Ganit
192	Who built the Red fort of Delhi ?	(C) Shahjahan
193	Which wild life is totaly extinct from Gujarat forest area ?	(B) Tiger
194	Which country is the heighest exporter of in the world ?	**GRACE**
195	Which crop is known as ‘White Gold’ in India ?	(A) Cotton
196	Where is the largest oil refinary of the world is located ?	(C) Jamnagar
197	Which Indian city is well-known as “Silicon Valley” of India ?	(D) Bangaluru
198	Which term is used for families living under the poverty line ?	(B) BPL
199	Which economist of Indian origin propound the Human development Index ?	(A) Dr. Amartya Sen
200	Which poetry is not written by Kalidas ?	(C) Dashkumarcharit

NOTE :1 : IN PART - 1(MAT) QUESTION NUMBER - 11, 19, 32 & 35 ; PART - 2 (LANGUAGE - ENGLISH) QUESTION NUMBER - 63, 67, 70, 73, 89 & 98 AND PART - 3 (SAT) QUESTION NUMBER - 102, 115, 125, 137, 157 & 182 OPTIONS(ANSWER) ARE CHANGE.

NOTE: 2 : PART - 3 (SAT) QUESTION NUMBER - 145 OPTIONS(ANSWER) IS CHANGE.