Test Booklet Code





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Questions & Answers for NTSE (Stage-I) 2019-20

INSTRUCTIONS TO CANDIDATES

Read the following instructions carefully before you open the question booklet.

- 1. Use blue/black ballpoint pen only. There is no negative marking.
- 2. Part I: MAT: 1 100 questions

Part II : SAT : 1 - 100 questions

- 3. This test booklet contains 200 questions of one mark each. All the questions are compulsory.
- 4. Answer each question by darkening the one correct alternative among the four choices on the OMR SHEET with blue/black ballpoint pen.

Example :



Student must darkening the right oval only after ensuring correct answer on OMR Sheet.

- 5. Students are not allowed to scratch / alter / change out an answer once marked on OMR Sheet, by using white fluid / eraser / blade / tearing / wearing or in any other form.
- 6. Separate sheet has been provided for rough work in this test booklet.
- 7. Please handover the OMR Sheet to the invigilator before leaving the Examination Hall.
- 8. Darken completely the ovals of your answer on OMR Sheet in the time limit allotted for that particular paper.
- 9. Your OMR Sheet will be evaluated through electronic scanning process. Incomplete and incorrect entries may render your OMR Sheet invalid.
- 10. Use of electronic gadgets, calculator, mobile etc, is strictly prohibited.



PART-I : MENTAL ABILITY TEST (MAT)

Instruction : In each of the following question, numbers have been organized in a definite number series wherein one number is missing and a question mark (?) is given in its place. Find out the missing number by choosing the correct option. (Q.No. 1 to 10)

1.	1, 4, 13, 40, ?		100				
	(A) 94		120				
_	(C) 111	(D)	121				
Ans	wer (D)						
2.	1, 10, 19, 28, ?, 46.						
	(A) 33		37				
	(C) 34	(D)	38				
Ans	swer (B)						
3.	12, 144, 1728, ?						
	(A) 20,736	(B)	20,216				
	(C) 20,466	(D)	20,376				
Ans	wer (A)						
4.	786, 514, 378, 310, 276	, ?					
	(A) 249	(B)	260				
	(C) 259	(D)	250				
Ans	wer (C)						
5.	2, 13, 67, 271, ?, 1639						
	(A) 1067	(B)	1177				
	(C) 817	(D)	1371				
Ans	wer (C)						
6.	3, 8, 20, 46, ?						
	(A) 261	(B)	140				
	(C) 189	(D)	100				
Ans	wer (D)						
7.	12, 6, 14, 12, 16, 18, 18	3, ?,	?.				
	(A) 22, 20	(B)	24, 20				
	(C) 20, 22	(D)	20, 24				
Ans	wer (B)						
8.	1728, 2744, 4096, 5832,	?, 1	10648.				
	(A) 9261						
	(B) 8000						
	(C) 6859						
	(D) 6400						
Ans	wer (B)						

9.	79, 84, 81, 82, 83, ?, ?.		
	(A) 80, 85	(B)	84, 85
	(C) 85, 84	(D)	85, 80
Ans	wer (A)		
10.	88, 64, 24, ?		
	(A) 10	(B)	12
	(C) 8	(D)	14
Ans	wer (C)		
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Instruction : In each of the following question, English alphabets and / or numbers have been organized in a definite number series wherein an alphabet or a group of alphabets is missing and a question mark (?) is given in its place. Find out the missing term by choosing the correct option. (Q.No. 11 to 20)

11.	11. A, F, K, P, U, Z, E, J, O, ?						
	(A) R	(B)	S				
	(C) T	(D)	Q				
Ans	wer (C)						
12.	AB, DE, GH, JK, ?						
	(A) LM	(B)	NO				
	(C) MN	(D)	PQ				
Ans	wer (C)						
13.	AA, FFF, KK, ppp, U, ?						
	(A) UU	(B)	U				
	(C) V	(D)	w				
Ans	wer ()						
14.	PDZ, ?, RBX, SAW						
	(A) QCY	(B)	OCY				
	(C) QCV	(D)	QYD				
Ans	wer (A)						
15.	D, H, Y, E, Y, Y, E, Y, H	, ?					
	(A) J	(B)	I				
	(C) E	(D)	D				
Ans	wer (D)						
16.	A, D, I, P, Y, J, ?						
	(A) Q	(B)	Т				
	(C) W	(D)	R				
Ans	wer (C)						

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17.	$\frac{B}{2}, \frac{E}{5}, \frac{I}{9}, \frac{N}{14}, ?$	
	(A) <u>S</u>	
	(B) $\frac{R}{18}$	
	(C) $\frac{1}{20}$	
	(D) $\frac{U}{21}$	
Ans	swer ()	
18.	AB, I, BC, 6, CD, 12, [DE, ?.
	(A) 16	(B) 14
	(C) 18	(D) 20
Ans	swer ()	
19.	O, T, T, F, F, S, S, E,	N, ?.
	(A) O	(B) T
	(C) F	(D) S
Ans	swer (B)	
20.	J, F, M, A, M, J, J, ?.	
	(A) J	(B) F
	(C) M	(D) A

Answer (D)

21. How many line segments are there in the given figure ?



Answer (B)

22. How many line segments are there in the given figure ?



23. How many triangles are there in the given figure ?





24. How many triangles are there in the given figure ?



Answer (C)

(C) 21

25. How many squares are there in the given figure ?



Answer (C)

26. How many squares are there in the given figure ?



Answer (A)

27. How many rectangles are there in the given figure?







Instruction : (Question No. 28 to 30) Answer the

- 28. How many line segments are there in the given figure ?
 - (A) 18 (B) 19
 - (C) 17 (D) 20

Answer (B)

- 29. How many triangles are there in the given figure ?
 - (A) 40
 - (B) 36
 - (C) 38
 - (D) 42

Answer (A)

- 30. How many squares are there in the given figure ?
 - (A) 5 (B) 9 (C) 8 (D) 7

Answer (D)

Instruction : (Question No. 31 to 40) Four figures are given in question no. 31 to 40. One of the figures differ from the rest. Find out the figure which is different from the rest of the figures.





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(B)

(D)

(B)

(D)

(B)

(D)

(B)

(D)

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47.54. If LITTLE = MHUSMD then ? = NTUD47.(A) <th>() Aakach</th> <th></th> <th></th>	() Aakach		
47. (A) (A) (B) (B) (C) (C) (A) (B) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	Medical IIT-JEE Foundations (Nisions r Aakah Educational Services Linited)		NTSE (S-I) 2019-20 (GUJARAT)
Image: Constraint of the correct code from the given words in a symbolic rectinguage.(C) MITE(D) MATE(A)(B)(C)			
Answer (A)Answer (A)(A)(B)(C)(A)(C)(C)(A)(C)(C)(A)(C)(C)(A)(C)(C)(A)(C)(C)(A)(C)(C)(A)(C)(C)(A)(C)(C)(A)(C)(C)(A)(C)(C)(A)(C)(C)(B)(C)(C)(A)(C)(C)(B)(C)(C)(C)(C)(C)(D)(D)(D)(D)(A)	47. () (
(A) (B) (C) (
(A)(B)(B)(A)(C)<	\Box		
(c) (c)) (B)	
(C)(D)(D)(D)Answer (A)(A)(B)(C)Set If PORTUGESE = ESEGUTROP the MALAYALAM48. Delhi : Haryana, Orissa : ?(A)(A)(B)MALAYALAM(B)MALAYALAM(A)Jammu and Kashmir(B)(C)Tamil Nadu(D)Nagaland(C)Tamil Nadu(D)NagalandAnswer (I)Answer (B)(C)Tamil Nadu(D)(C)13811(B)122912(C)15915(D)2651815Answer (B)(C)Lubricating Oli (D)Crude OliAnswer (B)(C)159.(D)2651815Answer (B)50. Boat : Unship, Balloon : ?(A)Nubber(B)Nylon(C)Raswer (D)58.(F)MAULAYALAM(B)MALAYALAM(C)Rawer (B)(D)Culturicating Oli (D)Culturicating Oli (D)Culturicating Oli (D)Culturicating Oli (D)Culturicating Oli (D)59.If SCIENTIST = ICSTNETSI then AMBULANCE(A)Rawer (D)(C)RAUCPP(D)MAUAYALAMAnswer (B)50.If ACE = GBDF then BADE = ?(A)CBEF(D)CBFE(A)CBEF(D)CBFE(A)CBEF(D)CBFE(A)CBEF(D)CBFEC)Callium(D)Callium(C)Callium52.If RESULT = 798206 then LET = ?(A)086(B)01005.Find It out61.(A)Sodium(B)Prassium53.If ACE = ZXV then ?			
(C) (D) (E) Answer (A) (D) (E) 48. Delhi : Haryana, Orissa : ? (A) MALAYALAM = ? (A) Jammu and Kashmir (B) Andhra Pradesh (C) Tamil Nadu (D) Nagaland Answer (B) (C) Tamil Nadu 49. Horse : Grass, Vehicles : ? (A) Smoke (A) Smoke (B) Petrol (C) Lubricating Oil (D) Crude Oil Answer (B) (C) Crude Oil Answer (B) (C) Rope 50. Boat : Unship, Balloon : ? (C) MAUBALCNE (A) Rubber (B) Nylon (C) Crope (D) Hot Air Answer (B) (D) Hot Air Answer (C) (C) Rope 11 If FACE = GBDF then BADE = ? (A) CBEF (A) CBEF (B) CEBF (A) Os6 (B) G80 (C) Go92 (D) CBFE Answer (A) (C) Gallum 52. If RESULT = 798206 then LET = ? (A) Os6 (B) 680 (C) G92 (D) CB6 Answer (A) 53. If ACE = ZXV then ? = YZW (A) BAD (B) ABD	$\Box \wedge$		
Answer (A)MALAYALAM = ?Answer (A)(A) Jammu and Kashmir(B) Andhra Pradesh(C) MALAYALAM(B) MALAYALAM(A) Jammu and Kashmir(B) Andhra Pradesh(C) Tamil Nadu(D) Nagaland(D) Nagaland(D) Nagaland(C) 15915(D) 2651815Answer (B)(C) Lubricating Oil(D) Crude Oil(C) 82769(D) 82679Answer (B)(C) Lubricating Oil(D) Crude Oil(C) 82769(D) 82679Answer (B)(C) Raye(D) Hot Air(C) MAUBALCNE(D) UBMLAECNAAnswer (D)(C) Raye(D) Hot Air(C) MAUBALCNE(D) UBMLAECNAAnswer (D)(C) CFBE(D) CBFE(D) CBFE(D) CBFEAnswer (A)(C) CFBE(D) CBFE(D) CBFEAnswer (A)(C) G22(D) 086(D) 086Answer (A)(C) G92(D) 086(D) 086(A) BAD(B) ABD(B) ABD(B) AT28(A) BAD(B) ABD(B) AT28(C) 4096(A) BAD(B) ABD(B) T28(A) Tabla(B) Drum			
48. Dehi: Haryana, Orissa : ? (C) MALAYALM (D) MALAYLAM (A) Jammu and Kashmir (B) Andhra Pradesh (C) Tamil Nadu (D) Nagaland Answer (B) (C) Tamil Nake (B) Petrol (C) 15915 (D) 2651815 Answer (B) (C) Lubricating Oil (D) Crude Oil (D) Matary (B) 86297 (C) 82769 (D) 86297 Answer (B) (C) Lubricating Oil (D) Crude Oil (D) 82679 (D) 82679 Answer (B) (C) Rope (D) Hot Air (D) Matary (B) 8000 (C) 82769 (D) 82679 Answer (D) (C) Rope (D) Hot Air (C) MAUBALNCEA (B) BMAALUECN (C) MAUBALNCE (A) Rubber (B) Nylon (C) MAUBALNCEA (B) BMAALUECN (C) MAUBALNCE (D) UBMLAECNA (A) Rubor (B) Nylon (C) MAUBALNCEA (B) BMAALUECN (C) MAUBALNCE (D) UBMLAECNA (A) Ruber (B) Nylon (C) RUOXP (D) UBMLAECNA (D) UBMLAECNA (A) Ruber (B) CEBF (D) CBFE (D) RUOCQO (D) RUOCQO Answer (A) (C) Galium (D) Calium Sulphate (A) 096 (B) 680 (C) 4096 (D) 6332 <			
48. Dehi: Haryana, Orissa : ? (C) MALAYALM (D) MALAYLAM (A) Jammu and Kashmir (B) Andhra Pradesh (C) Tamil Nadu (D) Nagaland Answer (B) (C) Tamil Nake (B) Petrol (C) 15915 (D) 2651815 Answer (B) (C) Lubricating Oil (D) Crude Oil (D) Matary (B) 86297 (C) 82769 (D) 86297 Answer (B) (C) Lubricating Oil (D) Crude Oil (D) 82679 (D) 82679 Answer (B) (C) Rope (D) Hot Air (D) Matary (B) 8000 (C) 82769 (D) 82679 Answer (D) (C) Rope (D) Hot Air (C) MAUBALNCEA (B) BMAALUECN (C) MAUBALNCE (A) Rubber (B) Nylon (C) MAUBALNCEA (B) BMAALUECN (C) MAUBALNCE (D) UBMLAECNA (A) Rubor (B) Nylon (C) MAUBALNCEA (B) BMAALUECN (C) MAUBALNCE (D) UBMLAECNA (A) Ruber (B) Nylon (C) RUOXP (D) UBMLAECNA (D) UBMLAECNA (A) Ruber (B) CEBF (D) CBFE (D) RUOCQO (D) RUOCQO Answer (A) (C) Galium (D) Calium Sulphate (A) 096 (B) 680 (C) 4096 (D) 6332 <	Answer (A)		(A) MALAYALAM (B) MALAYALAM
(A) Jammu and Kashmir Answer () (B) Andhra Pradesh (C) Tamil Nadu (D) Nagaland (D) Nagaland Answer (B) (D) Nagaland 49. Horse : Grass, Vehicles : ? (A) Smoke (A) Smoke (B) Petrol (C) Lubricating Oil (D) Crude Oil Answer (B) (C) Lubricating Oil 50. Boat : Unship, Balloon : ? (A) Rubber (A) Rubber (B) Nylon (C) Rope (D) Hot Air Answer (D) (C) MAUBALCNEA Instruction : Answer question no. 51 to 60 as shown in example and find out the correct code from the given options by converting the given words in a symbolic language. (A) CBEF 51. If FACE = GBDF then BADE = ? (A) OBE (B) 680 (A) 096 (B) 680 (C) 092 (D) 086 Answer (A) (C) Gallium 52. If RESULT = 798206 then LET = ? (A) 096 (B) 680 (C) 092 (D) 086 Answer (A) 53. If ACE = ZXV then ? = YZW (A) BAD (B) ABD		na. Orissa : ?	
(B) Andhra Pradesh 57. If MUSK = 146816 then ZERO = ? (C) Tamil Nadu (D) Naswer (B) 49. Horse : Grass, Vehicles : ? (A) Status (C) (A) Smoke (B) Petrol (C) 15915 (D) 2651815 (A) Smoke (B) Petrol (C) 15915 (D) 2651815 (C) Lubricating Oil (D) Crude Oil Answer (B) 58. If MOTHERLAND = 9501623748 then DREAM = 50. Boat : Unship, Balloon : ? (C) (C) 82697 (B) 86297 (A) Rubber (D) Co Bazta (D) 59. If SCIENTIST = ICSTNETSI then AMBULANCE 50. Boat : Unship, Balloon : ? (C) (A) MBUALNCEA (B) BMAALUECN (C) Rope (D) Hot Air Answer (B) 60. If BOMBAY = GLRYFV then MADRAS = ? Instruction : Answer (D) (C) RXIOFP (D) RXIOFP (D) (D) 1anguage. (D) CBEF (B) CO (D) <td< td=""><td>-</td><td></td><td></td></td<>	-		
(C) Tamil Nadu (A) Nagaland Answer (B) 49. Horse : Grass, Vehicles : ? (A) Smoke (B) Petrol (C) Lubricating Oil (D) Crude Oil Answer (B) (B) Petrol (C) Lubricating Oil (D) Crude Oil Answer (B) (B) Petrol (C) Lubricating Oil (D) Crude Oil Answer (B) (B) Nylon (C) Rope (D) Hot Air Answer (D) (A) Rubber (B) Nylon (C) MAUBALCNE (D) UBMLAECNA (A) CBEF (B) CEBF (C) CFBE (D) CBFE (D) CBFE Answer (A) (C) G92 (D) 086 (D) 086 Answer (A) (C) G92 (D) 086 (D) 086 Answer (A) (C) 092 (D) 086 (D) 086 Answer (A) (C) 4096 (D) 5832 33. If ACE = ZXV then ? = YZW (A) BAD (B) ABD (B) ATABL			
(D) Nagaland Answer (B) 49. Horse : Grass, Vehicles : ? (A) Smoke (B) Petrol (C) Lubricating Oil (D) Crude Oil 58. If MOTHERLAND = 9501623748 then DREAM = (A) 82697 (B) 86297 (C) 82769 (D) 82679 Answer (B) Answer (B) So. Boat : Unship, Balloon : ? (A) Rubber (B) Nylon (C) Rope (D) Hot Air Answer (D) Answer (D) Instruction : Answer question no. 51 to 60 as shown in example and find out the correct code from the given options by converting the given words in a symbolic language. 60. If BOMBAY = GLRYFV then MADRAS = ? 51. If FACE = GBDF then BADE = ? (A) CBEF (B) CEBF (A) CBEF (B) CEBF (D) CBFE Answer (A) 52. If RESULT = 798206 then LET = ? (A) 096 (C) 092 (D) 086 Answer (D) 53. If ACE = ZXV then ? = YZW (A) BAD (B) ABD (A) BAD (B) ABD (B) ABD			(A) 113811 (B) 122912
Answer (B)Answer (B)49. Horse : Grass, Vehicles : ? (A) Smoke (C) Lubricating Oil (C) Lubricating Oil (C) Lubricating Oil (C) Lubricating Oil (C) Lubricating Oil 			(C) 15915 (D) 2651815
49.Horse : Grass, Vehicles : ? (A) Smoke (C) Lubricating Oil (C) Lubricating Oil (D) Crude Oil58.If MOTHERLAND = 9501623748 then DREAM = (A) 82697 (C) 82769 (D) 82679 Answer (B)Solution : (D) (A) Rubber (C) RopeSolution : ? (A) Rubber (D) Hot Air(A) MBUALNCEA (B) Mylon (C) Rope (D) Hot Air(B) Nylon (C) MAUBALCNE (C) MAUBALCNE (C) MAUBALCNE (D) UBMLAECNAAnswer (D)Solution : Answer question no. 51 to 60 as shown in example and find out the correct code from the given options by converting the given words in a symbolic (C) CFBE (D) CBFE(B) CEBF (D) CBFE(B) RIXOIP (C) RXIOXP (D) RXIOGQ51.If FACE = GBDF then BADE = ? (A) CBEF (C) CFBE (D) CBFE(B) CEBF (D) CBFE(B) RIXOIP (C) RXIOXP (D) RXIOGQ(B) Potassium (C) Gallium (D) Calcium Sulphate Answer (A)52.If RESULT = 798206 then LET = ? (A) 096 (C) 092 (D) 086(B) 680 (C) 092 (D) 086(B) 680 (C) 4096 (D) 5832Answer (A) (C) BAD(B) ABD(B) ABD(B) ABD(B) Drum			Answer (B)
(A) Smoke(B) Petrol(A) 82697(B) 86297(A) Smoke(B) Crude OilAnswer (B)(C) 82769(D) 82679Answer (B) $$			58. If MOTHERLAND = 9501623748 then DREAM = ?
(C)Lubricating Oil(D)Crude OilAnswer (B)So.Boat: Unship, Balloon : ?Answer (D)50.Boat: Unship, Balloon : ?(A)RUbber(B)(A)Rubber(B)Nylon(C)(C)(C)Rope(D)Hot AirAnswer (B)Answer (D)Instruction : Answer question no. 51 to 60 as shown in example and find out the correct code from the given options by converting the given words in a symbolic language.(A)RXIOFP51.If FACE = GBDF then BADE = ?(A)CEBF(D)RXIOGQ(A)CBEF(B)CEBF(D)RXIOGQ(A)CBEF(D)CBFEAnswer (A)52.If RESULT = 798206 then LET = ?(A)O96(B)680(C)092(D)086Answer (D)(C)63.If ACE = ZXV then ? = YZW(A)T28(A)BAD(B)ABD(B)T28(A)Tabla(B)Drum			(A) 82697 (B) 86297
Answer (B)59. If SCIENTIST = ICSTNETSI then AMBULANCE50. Boat : Unship, Balloon : ? (A) Rubber (C) Rope(B) Nylon (C) Rope59. If SCIENTIST = ICSTNETSI then AMBULANCE(A) Rubber (C) Rope(D) Hot Air(C) MAUBALCNE (D) UBMLAECNAAnswer (D)(C) MAUBALCNE (D) Hot Air(C) MAUBALCNE (D) UBMLAECNAAnswer (D)(C) MAUBALCNE (D) UBMLAECNAInstruction : Answer question no. 51 to 60 as shown in example and find out the correct code from the given options by converting the given words in a symbolic language.60. If BOMBAY = GLRYFV then MADRAS = ? (A) RXIOFP (C) RXIOXP (D) RXIOGQ51. If FACE = GBDF then BADE = ? (A) CBEF (C) CFBE (D) CBFE(D) CBFEAnswer (A)(D) CBFEAnswer (A)(D) CBFE52. If RESULT = 798206 then LET = ? (A) 096 (C) 092 (D) 086(D) Calcium (D) Calcium SulphateAnswer (A)(D) 086Answer (A)(D) 086Answer (A)(D) 086Answer (A)(D) 086Answer (A)(D) 583253. If ACE = ZXV then ? = YZW (A) BAD(B) ABD(A) BAD(B) ABD(A) BAD(B) ABD	. ,		(C) 82769 (D) 82679
50. Boat : Unship, Balloon : ? (A) Rubber (B) Nylon (A) MBUALNCEA (B) BMAALUECN (A) Rubber (D) Hot Air (C) MAUBALCNE (D) UBMLAECNA Answer (D) Instruction : Answer question no. 51 to 60 as shown in example and find out the correct code from the given options by converting the given words in a symbolic language. (A) RXIOFP 51. If FACE = GBDF then BADE = ? (A) CBEF (B) CEBF (A) CBEF (B) CEBF (D) CBFE Answer (A) 52. If RESULT = 798206 then LET = ? (A) 096 (C) 092 (D) 086 Answer (D) 53. If ACE = ZXV then ? = YZW (A) BAD (B) ABD (A) BAD (B) ABD (B) ABD	(C) Lubricatin	g Oil (D) Crude Oil	Answer (D)
(A) Rubber(B) Nylon(C) MAUBALCNE(D) UBMLAECNA(C) Rope(D) Hot AirAnswer (D)Answer (D)(C) MAUBALCNE(D) UBMLAECNAInstruction : Answer question no. 51 to 60 as shown in example and find out the correct code from the given options by converting the given words in a symbolic language.(C) MAUBALCNE(D) UBMLAECNA51. If FACE = GBDF then BADE = ? (A) CBEF(B) CEBF(C) RXIOCQ(A)61. If FACE = GBDF then BADE = ? (A) CBEF(B) CEBF(D) CBFEAnswer (A)(D) CBFE(D) CBFE(D) CBFE52. If RESULT = 798206 then LET = ? (A) 096(B) 680 (C) 092(D) 086(B) 680 (C) 4096(B) 1728 (C) 409653. If ACE = ZXV then ? = YZW (A) BAD(B) ABD(B) ABD(B) Drum	Answer (B)		59. If SCIENTIST = ICSTNETSI then AMBULANCE = ?
(C) Rope(D) Hot AirAnswer (B)Answer (D)Instruction : Answer question no. 51 to 60 as shown in example and find out the correct code from the given options by converting the given words in a symbolic language.60. If BOMBAY = GLRYFV then MADRAS = ?Instruction : Answer question no. 51 to 60 as shown in example and find out the correct code from the given options by converting the given words in a symbolic language.60. If BOMBAY = GLRYFV then MADRAS = ?Instruction : Answer question no. 51 to 60 as shown in example and find out the correct code from the given options by converting the given words in a symbolic language.60. If BOMBAY = GLRYFV then MADRAS = ?51. If FACE = GBDF then BADE = ? (A) CBEF (C) CFBE (D) CBFE(D) RXIOGQAnswer (A)Answer (A)(B) CEBF (D) CBFE(C) RXIOXP (D) RXIOGQ(D) RXIOGQ52. If RESULT = 798206 then LET = ? (A) 096 (C) 092 (D) 086(B) 680 (C) 092 (D) 086(B) 680 (C) 4096 (D) 5832(B) 1728 (C) 4096 (D) 583253. If ACE = ZXV then ? = YZW (A) BAD(B) ABD(B) ABD(B) Drum	50. Boat : Unship	, Balloon : ?	(A) MBUALNCEA (B) BMAALUECN
Answer (D)60. If BOMBAY = GLRYFV then MADRAS = ?Instruction : Answer question no. 51 to 60 as shown in example and find out the correct code from the given options by converting the given words in a symbolic language.60. If BOMBAY = GLRYFV then MADRAS = ?(A) RXIOFP (B) CEBF (A) CBEF(B) CEBF (B) CEBF (C) CFBE(B) CEBF (D) CBFE(C) RXIOXP (D) RXIOGQ51. If FACE = GBDF then BADE = ? (A) CBEF (C) CFBE (C) CFBE (A) CBEF (A) 096 (C) 092 (C) 092 (D) 086(B) CEBF (D) CBFE(D) RXIOGQ52. If RESULT = 798206 then LET = ? (A) 096 (C) 092 (D) 086(B) 680 (C) 622 (D) 086(B) Potassium (C) Gallium (D) Calcium Sulphate53. If ACE = ZXV then ? = YZW (A) BAD(B) ABD(B) ABD(B) Tabla60. If BOMBAY = GLRYFV then MADRAS = ?(A) RXIOFP (B) RIXOIP (C) RXIOXP (D) RXIOGQ53. If ACE = ZXV then ? = YZW (A) BAD(B) ABD(B) Drum	(A) Rubber	(B) Nylon	(C) MAUBALCNE (D) UBMLAECNA
Instruction : Answer question no. 51 to 60 as shown in example and find out the correct code from the given options by converting the given words in a symbolic language.(A) RXIOFP51. If FACE = GBDF then BADE = ? (A) CBEF(B) CEBF (D) CBFE(D) RXIOGQ51. If FACE = GBDF then BADE = ? (A) CBEF(D) CBFE6(C) CFBE (C) CFBE(D) CBFE6(D) CBFE(D) CBFE7(A) 096 (C) 092(B) 680 (C) 0926(B) 680 (C) 092(D) 0867(A) BAD(B) ABD6(A) BAD(B) ABD	(C) Rope	(D) Hot Air	Answer (B)
Instruction 1. Answer question no. 51 ro oor as shown in example and find out the correct code from the given options by converting the given words in a symbolic language.(B) RIXOIP (C) RXIOXP (D) RXIOGQ51. If FACE = GBDF then BADE = ? (A) CBEF (C) CFBE (C) CFBE (D) CBFE(B) CEBF (D) CBFE(D) RXIOGQ52. If RESULT = 798206 then LET = ? (A) 096 (C) 092 (C) 092 (D) 086(B) 680 (C) 092 (D) 086(B) 680 (C) 4096 (D) 5832(B) 1728 (C) 4096 (D) 583253. If ACE = ZXV then ? = YZW (A) BAD(B) ABD(B) ABD(B) Drum	Answer (D)		60. If BOMBAY = GLRYFV then MADRAS = ?
options by converting the given words in a symbolic language.(C) RXIOXP51. If FACE = GBDF then BADE = ? (A) CBEF(B) CEBF(A) CBEF(B) CEBF(C) CFBE(D) CBFEAnswer (A)(D) CBFE52. If RESULT = 798206 then LET = ? (A) 096(B) 680 (C) 092(A) 096(B) 680 (C) 092(A) 096(B) 680 (C) 092(A) EXEMPTION(B) 680 (C) 092(A) D96(B) 680 (C) 092(A) BAD(B) ABD(A) BAD(B) ABD(B) Calcium (C) Callium(C) ADP (C) Callium(C) ADP (C) Callium(C) ADP (C) CAL(C) AD	Instruction : Answ	ver question no. 51 to 60 as shown in	(A) RXIOFP
Ianguage.(b) CBCR51. If FACE = GBDF then BADE = ?(b) CBFE(A) CBEF(B) CEBF(C) CFBE(D) CBFEAnswer (A)(D) CBFE52. If RESULT = 798206 then LET = ?(A) 096(A) 096(B) 680(C) 092(D) 086Answer (A)(C) Gallium53. If ACE = ZXV then ? = YZW(A) BAD(B) ABD(A) BAD(B) ABD	•		
(b) RXOGQ51. If FACE = GBDF then $BADE = ?$ (A) CBEF(B) CEBF(A) CBEF(B) CBFE Answer (A) (D) CBFE 52. If RESULT = 798206 then LET = ? (A) 096(B) 680 (C) 092(C) 092(D) 086 Answer (A) (D) Calcium Sulphate Answer (A) (C) Gallium(D) 092(D) 086 Answer (A) (C) 409653. If ACE = ZXV then ? = YZW (A) BAD(B) ABD(A) BAD(B) ABD		ting the given words in a symbolic	
Answer (A)(A) CBEF(B) CEBF(C) CFBE(D) CBFEAnswer (A)52. If RESULT = 798206 then LET = ?(A) 096(B) 680(C) 092(D) 086Answer (A)53. If ACE = ZXV then ? = YZW(A) BAD(B) ABD(A) BAD(B) ABD(A) CBEF(A) CBEF(A) BAD(A) CBEF(A) CBEF(A) CBEF(A) O96(B) ABD(C) CBE(C) CBE <td></td> <td>BDE then $BADE = 2$</td> <td></td>		BDE then $BADE = 2$	
(C) CFBE (D) CBFE Answer (A) 52. If RESULT = 798206 then LET = ? (A) 096 (B) 680 (C) 092 (D) 086 Answer (A) (C) Gallium 53. If ACE = ZXV then ? = YZW (A) BAD (B) ABD			
Answer (A) options. Find it out 52. If RESULT = 798206 then LET = ? (A) 096 (B) 680 (A) 096 (B) 680 (C) Gallium (D) Calcium Sulphate (A) 092 (D) 086 Answer (D) 62. (A) 1331 (B) 1728 53. If ACE = ZXV then ? = YZW (C) 4096 (D) 5832 63. (A) Tabla (B) Drum			
52. If RESULT = 798206 then LET = ? (A) 096 (B) 680 (C) Gallium (D) Calcium Sulphate (A) 096 (D) 086 (D) 086 (D) 086 (D) 086 (D) 086 Answer (A) (D) 086 (C) 4096 (D) 5832 53. If ACE = ZXV then ? = YZW (C) 4096 (D) 5832 (A) BAD (B) ABD (B) ABD (A) Tabla		(D) CBFE	· · · · · · · · · · · · · · · · · · ·
(A) 096 (B) 680 (C) Gallium (D) Calcium Sulphate (C) 092 (D) 086 Answer (D) 62. (A) 1331 (B) 1728 Answer (A) (C) 4096 (D) 5832 53. If ACE = ZXV then ? = YZW Answer (A) (B) ABD (A) BAD (B) ABD 63. (A) Tabla (B) Drum			61. (A) Sodium (B) Potassium
(C) 092 (D) 086 Answer (D) Answer (A) 62. (A) 1331 (B) 1728 53. If ACE = ZXV then ? = YZW Answer (A) (D) 5832 (A) BAD (B) ABD 63. (A) Tabla (B) Drum			(C) Gallium (D) Calcium Sulphate
Answer (A) (C) (A) (B) (D) (D) 53. If ACE = ZXV then ? = YZW Answer (A) (C) (A) (B) (B) (A) (B) (B) (B) (B) (B) (B) (A) (B) (B) (B) (B) (B) (B) (A) (B) (B) (B) (B) (B) (B)			Answer (D)
53. If ACE = ZXV then ? = YZW Answer (A) (A) BAD (B) ABD 63. (A) Tabla (B) Drum	. ,	(D) 086	62. (A) 1331 (B) 1728
(A) BAD (B) ABD 63. (A) Tabla (B) Drum			(C) 4096 (D) 5832
	53. If ACE = ZXV	then ? = YZW	Answer (A)
(C) EAC (D) SAD (C) Pakhavaj (D) Santoor	(A) BAD	(B) ABD	63. (A) Tabla (B) Drum
	(C) EAC	(D) SAD	(C) Pakhavaj (D) Santoor
Answer (A) Answer (D)	Answer (A)		Answer (D)

		(S-I) 2019-20 (GUJARA							Medical IIT-JEE Foundations (Dvides of Askard Education Bervies Linket
64.	. ,	Mars		Mercury	74.	1.	Table	2.	Tree
	(C)	Jupiter	(D)	Pluto		3.		4.	Seed
Ans	wer	0				5.	Plant		
65.	(A)	Cone	(B)	Circle		(A)	13245	(B)	45231
	(C)	Triangle	(D)	Rectangle		(C)	45321	(D)	12345
Ans	wer	(A)			Ans	swer	(B)		
66.	(A)	Kite	(B)	Bird	75.	1.	Snake	2.	Grass
	(C)	Radar	(D)	Aeroplane		3.	Eagle	4.	Frog
Ans	wer	0				5.	Insect		
67.	(A)	Palm	(B)	Shoulder		(A)	32145	(B)	52143
	(C)	Knee	(D)	Elbow		(C)	25413	(D)	24531
Ans	wer	0			Ans	swer	(C)		
68.	(A)	Rabbit	(B)	Crocodile					ction and choose the
		Sluggish		Snails			option. (Q. No. 76 to		
Ans	. ,		()		76.				means \times and \times means
		Short vision	(B)	Spondylitis			hen 10 ÷ 2 – 15 + 3		
00.		Glaucoma		Conjunctivitis			10		15 -
Ans							25	(D)	5
		Amsterdam	(R)	Europe		swer			
70.	. ,	Antarctica		Australia	77.		∆ means +, □ mea ans × then	ns –	-, \circ means ÷ and ★
٨٣٥	. ,		(D)	Australia			∆ 5 ★ 20 ○ 10 □ 9 :	- 2	
Ans		. ,	~ ~ ~ ~ ~	at antion by abaasian					14
		appropriate sequence		ct option by choosing			26 37	. ,	14 55
-	-			Earth	1	0.		(D)	55
	3.	Somnath		Universe	Ch'	swer		C	maana , and D maana
	5.	India			010.		hen 10 D 2 A 5 B 5 $=$		means ÷ and D means
		32154	(B)	24135 31524			15		12
	. ,	15243	• • •	31524			20	. ,	10
۸ne			(U)	51524		swer		(-)	
Ans			2					/ = N	24 then M × J \div L + J
72.		Mother		Child		= ?			
	3. 5	Milk	4.	Crying		(A)	8	(B)	36
		Smile		40.405		(C)	52	(D)	16
		23145		12435	Ans	swer		. ,	
	. ,	24135	(D)	15243				ns <	<, o means = and #
Ans			_	5.		me	ans \neq and A \bigcirc B, C	ΔD	as well as $D \square A$, then
73.		Rainbow		Rain			ch of the following is	true	?
	3.	Sun	4.	Нарру		(A)	C # A		
	5.	Child				(B)	$B \Delta D$		
		42351		45123		(C)	B 🗆 D		
	(C)	21435	(D)	23154		(D)	$A \Box D$		
Ans	wer	(D)			Ans	swer	(B)		
					7				



NTSE (S-I) 2019-20 (GUJARAT)

Instruction : Follow the instruction and choose the correct option. (Q. No.81 to 100)

- 81. If fourth Wednesday is on 25th of a month, what will be the date of Second Sunday of the same month ?
 - (A) 8 (B) 14
 - (C) 12 (D) 10

Answer (A)

- 82. Today is Sunday. What day will be there after 112 days ?
 - (A) Friday (B) Sunday
 - (C) Wednesday (D) Monday

Answer (B)

- 83. 15th August, 2019 was Thursday. What day will be there on 15th August, 2020 ?
 - (A) Wednesday (B) Friday
 - (C) Saturday (D) Thursday

Answer (C)

84. Which of the following is a Leap Year ?

(A)	1900 AD	(B)	2100 AD
(C)	1990 AD	(D)	2000 AD

Answer (D)

85. A box has 4 white, 5 green and 6 yellow balls in it. By how many ways can 3 balls be selected randomly from the box ?

(D) 12

- (A) 455 (B) 120
- (C) 20

Answer (A)

- 86. If 40 persons shake their hands with one another, what will be the total number of shaking hands ?
 - (A) 820 (B) 780
 - (C) 80 (D) 512

Answer (B)

87. Proportion ratio of the current age of A and B is 4:5. After 4 years, it will be 8:9. What will be the sum of the age of both A and B?

(A) 18 years	(B) 17 years
--------------	--------------

(C) 9 years (D) 27 years

Answer (C)

88. Sum of the current age of Jay and Vijay is 40 years. After 7 years, the proportion ratio of their age will be 4 : 5. What will be the current age difference of both Jay and Vijay ?

(A) 5	(B) 9
(C) 13	(D) 6

Answer (D)

- 89. Father's age is four times more plus 3 years than son's age. Mother's age is 4 years more. Father's age is four times more plus 3 years than son's age than fathers age. If son's age is 5 years, what will be the age of mother ?
 - (A) 19 years
 - (B) 23 years
 - (C) 27 years
 - (D) 21 years

Answer (C)

- 90. What is your relationship with your uncle's wife's one and only sister in law's daughter ?
 - (A) Paternal Aunty
 - (B) Maternal Aunty
 - (C) Niece
 - (D) Sister

Answer (D)

- 91. Tanvi walks 8 km in the south from her house. Then she turns left and walks 5 km. Again, she turns left and walks 8 km. How far is she from her house ?
 - (A) 3 km (B) 8 km
 - (C) 5 km (D) 13 km

Answer (C)

- 92. Rehan walks 5 km in the east. Then he turns perpendicularly left and walks 12 km. Now, at least how many kilometres will he have to walk to come back to the starting point ?
 - (A) 7 km (B) 17 km
 - (C) 8.5 km (D) 13 km

Answer (D)

- 93. If East = South West and South East = West, then South = ?
 - (A) North West
 - (B) North East
 - (C) North
 - (D) None of these

Answer (A)

94. 'A' is the sister - in - law of 'B' and daugher-in-law of 'C', 'D' is the father of 'E' and 'E' is the one and only brother of 'B'. Then, what is the relation of 'A' with 'E' ?

(A) Sister-in-law	(B) Wife
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(C) Mother (D) Aunty

Answer (B)





N	TSE (S-I) 2019-20 (GUJAF	RAT)			Aakash Medical T-JEE Foundat		
 Perpendicular distance of point (-2, -3) from y-axis is 				What is the molar $N = 14, O = 16$].	mass of Nitric acid ? [H = 7		
	(A) 2	(B) 3		(A) 31 u	(B) 36 u		
				(C) 47 u	(D) 63 u		
A	(C) $\sqrt{13}$	(D) 5	Ans	wer (D)			
	swer (A)	- line		. ,	ch element is used in th		
16.	points A(1, -5) and B(3	e line segment joining the , 4) is divided by <i>X</i> axis from		treatment of cancer?			
	A, is			(A) Lead	(B) Cobalt		
	(A) -4:5	(B) 1:3	A = a	(C) Uranium	(D) lodine		
	(C) 5:4	(D) –5:4		wer (B)	nucleus in the cell 2		
	swer (C)		25.	Who discovered the			
17.		The probability that 5 will		(A) Robert Brown	(B) Robert Hooke		
	come up at least once	IS		(C) Purkinje	(D) Leeuwenhoek		
	(A) $\frac{1}{6}$	(B) $\frac{5}{36}$		wer (A)	tubulos and duct of colline		
			26.	glands are formed by	v tubules and duct of salivary which epithelium?		
	(C) $\frac{10}{36}$	(D) $\frac{11}{36}$		(A) Squamous	(B) Ciliated		
۸ne		50		(C) Columnar	(D) Cuboidal		
Answer (D)			Answer (D)				
10.	18. Which of the following cannot be the probability of an event?			27. Which of the following animal possesses jawle sucking mouth ?			
	(A) $\frac{2}{3}$	(B) 15%		(A) Lamprey	(B) Chameleon		
				(C) Sting ray	(D) Salamander		
	(C) $\frac{3}{2}$	(D) 0.7	Δns	swer (A)			
Ans	swer (C)			~0·	rest attains velocity of 72 kmh		
19.		ive we takeon X axis.	20.		ne acceleration (Assuming the		
10.	(A) Cumulative frequen		the acceleration is uniform)				
	(C) Lower Limits	(D) Midpoints	55	(A) $\frac{1}{15}$ ms ⁻²	(B) $\frac{1}{10}$ ms ⁻²		
۸ne	swer (B)				10		
	()			(C) 5 ms ⁻²	(D) 10 ms ⁻²		
20.	$\sum_{i=1}^{9} (x_i - \overline{x}) = \underline{\qquad}$	Oiver Oiver	Answer (A)				
	(A) 8 x	(B) 9 <i>x</i>	29.	Which is the unit of			
	(C) 0	(D) 9		(A) kg ms ⁻¹	(B) N.m		
Ans	wer (C)			(C) kg ms ⁻²	(D) Pa		
21.	•	earthen pot (matka) become	Ans	swer (C)			
	cool during summer by		30.	What is the mass of	6 kg object on the moon?		
	(A) Diffusion	(B) Sublimation		(A) 1 Kg	(B) 36 Kg		
	(C) Evaporation	(D) Osmosis		(C) <u>1</u> Kg	(D) 6 Kg		
Ans	swer (C)			0			
22.	22. Which of the following compound cannot be sublimed?			s wer (D) 1 kwh =J			
	(A) Sodium Chloride	(B) Ammonium Chloride		(A) 36 × 10⁵J	(B) 3.6 × 10 ⁵ J		
	(C) Anthracene	(D) Camphor		(C) 36 × 10 ⁶ J	(D) $3.6 \times 10^4 \text{J}$		
۸ne	swer (A)		Ans	swer (A)			

	\diamond							
Aa Medical II	kash				N	TSE (S-I) 2019-20 (GUJARAT)	
32.	Which of the following	animal produce Ultrasound?	40.	Wha	at is the common	nam	e of compound CaOCl ₂	
	(A) Whale	(B) Dolphin		(A)	Quick lime	(B) Bleaching powder	
	(C) Elephant	(D) Rhinoceroses		(C)	Slaked lime	(D) Baking powder	
Ans	wer (B)		Ans	wer	(B)			
33.	Which of the following	is not a bacterial disease?	41.	Cinr	nabar is an ore of	whic	h metal ?	
	(A) Anthrax	(B) T.B		(A)	Hg	(B) Pb	
	(C) Dengue	(D) Typhoid		(C)	Zn	(D) Cu	
Ans	wer (C)		Ans	wer	(A)			
34.	Which is responsible for ir	ncrease in global temperature?	42.	Whi	ich is the alloy of	copp	er and tin ?	
	(A) Ozone layer deplet	ion		. ,	Brass	(B) Steel	
	(B) Acide rain			• •	Solder	(D) Bronze	
	(C) Green house effect			wer				
	(D) Lightning		43.	Whi	ich of the followin	g is a	in example of roasting?	
Ans	wer (C)		(A)	$ZnCO_3 \xrightarrow{\Lambda} Zn$	0 + C	0 ₂		
35.	Which fish feeds in the (A) Catla	middle zone of the pond ? (B) Mrigal		(B)	2ZnS+30 ₂	→2Zn	0+2SO ₂	
	(C) Common Carp	(D) Rohu		(C)	$ZnO + C \longrightarrow Zr$	n + CC)	
۸nc	. ,					NIC		
	Answer (D)				HCI+NaOH	→nac	$J + H_2 O$	
36.	Which of the following gases can be used for storage of fresh sample of an oil for a long time ?		Answer (B)					
	(A) Carbon dioxide or oxygen			44. Which enzyme is present in pancreatic juice for digestion of proteins ?				
	(B) Nitrogen or Oxyger			\sim	Lipase		B) Trypsin	
	(C) Carbon dioxide or h		$\left(\mathbf{X} \right)$		Amylase		D) Ptyalin	
	(D) Nitrogen or helium		Δns	- CC	· ·	(b) i tyaini	
Δns	wer (D)		Answer (B) 45. During the process of photosynthesis which of the					
37.		are combination reaction ?	S		wing event does	•	•	
-	-		с. Г	(A)	Absorption of ligh	nt ene	ergy by chlorophyll	
	(i) $2\text{KCIO}_3 \xrightarrow{\Lambda} 2\text{KC}$ (ii) $\text{Mgo} + \text{H}_2\text{O} \rightarrow \text{Mg}(\text{O})$ (iii) $4\text{AI} + 3\text{O}_2 \rightarrow 2\text{AI}_2\text{O}$ (iv) $2\text{n} + \text{FeSO}_4 \rightarrow 2\text{nS}$	I+30 ₂		(B)	Conversion of lig	ht ene	ergy to chemical energy	
	(ii) $Mgo + H_2O \rightarrow Mg(O)$	OH) ₂		(C)	Oxidation of carb	on di	oxide to carbohydrates	
	(iii) $4AI + 3O_2 \rightarrow 2AI_2O_2$			(D)	Reduction of carl	oon d	ioxide to carbohydrates	
	(iv) $Zn + FeSO_4 \rightarrow ZnS$		Ans	wer	(C)			
	(A) (i) and (iii)	→ (B) (iii) and (iv)	46.			-	carried by lymph which is	
	(C) (ii) and (iv)	(D) (ii) and (iii)		dige	ested and absorbe	ed fro	m intestine ?	
Ans	wer (D)			(A)			B) Protein	
	Our tooth enamel is ma	ade up of		. ,	Minerals	(D) Carbohydrates	
		(B) $Ca_2(PO_4)_3$		wer				
	(C) Mg (OH) ₂	(D) CaPO ₄	47.		nimals, control an ch tissues?	d co-o	ordination are provided by	
Ans	wer (A)	., т т			Skeletal and Mus	scular	. tissue	
	Which acid is present i	in tomato?		. ,	Nervous and con			
	(A) Citric acid	(B) Acetic Acid		. ,	Muscular and Ep			
	(C) Oxalic Acid	(D) Tartaric Acid		. ,	Nervous and Mus			
	wer (C)		Δne	wer		Junio		

48. Which is the main thinking part of the brain ? (A) Forebrain (B) Midbrain (C) Forebrain (B) Midbrain (C) Forebrain (B) Midbrain (C) Forebrain (B) Midbrain (C) Forebrain (C) For	Ν	TSE (S. I) 2010-20 (GU IAP	AT)			Aakash	
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 (A) 6.25 × 10¹⁹ (B) 1.6 × 10¹⁹ (C) 6.25 × 10²⁰ (D) 6.25 × 10¹⁸ (C) Treaty of France and Britain (D) Treaty of Germany and Hungary Answer (B) 55. If the value of resistance is doubled the current gets (A) halved (B) doubled (C) four times (D) remains same (C) Treaty of France and Britain (D) Treaty of Germany and Hungary (D) Hague (Netherland) 	54.		f electrons constituting one		. ,		
(C) 6.25×10^{20} (D) 6.25×10^{18} (D) Treaty of Germany and HungaryAnswer (D)Answer (B)55. If the value of resistance is doubled the current gets63. Where is the head quarter of 'International Court of Justice' situated ?(A) halved(A) Washington (America)(B) doubled(B) Moscow (Russia)(C) four times(C) London (Britain)(D) remains same(D) Hague (Netherland)		-	(D) 4 0 4 0 ¹⁰				
Answer (D) Answer (B) 55. If the value of resistance is doubled the current gets 63. Where is the head quarter of 'International Court of Justice' situated ? (A) halved (A) washington (America) (B) doubled (B) Moscow (Russia) (C) four times (C) London (Britain) (D) remains same (D) Hague (Netherland)							
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getsJustice' situated ?(A) halved(A) Washington (America)(B) doubled(B) Moscow (Russia)(C) four times(C) London (Britain)(D) remains same(D) Hague (Netherland)							
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(C) four times(C) London (Britain)(D) remains same(D) Hague (Netherland)		(A) halved			(A) Washington (America)		
(D) remains same (D) Hague (Netherland)		(B) doubled			(B) Moscow (Russia)		
		(C) four times			(C) London (Britain)		
Answer (A) Answer (D)		(D) remains same			(D) Hague (Netherlan	nd)	
	Ans	swer (A)		Ans	swer (D)		

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Aakash VedkallTJ7EEFordations	NTSE (S-I) 2019-20 (GUJARAT)		
64. Who sorted out the issue of merging the princely	71. Which type of soil is mostly found in Gujarat?		
States in the Union of India ?	(A) Red Soil (B) Laterite Soil		
(A) Sardar Vallabhbhai Patel	(C) Black Soil (D) Mountain Soil		
(B) Jawaharlal Nehru	Answer (C)		
(C) Mount Batten	72. How many kilometres distance is there between two successive latitudes?		
(D) Chakravarti C. Rajagopalchari			
Answer (A)	(A) 111 km (B) 120 km		
65. Where have the goals of the United Nations been explained ?	(C) 130 km (D) 100 km Answer (A)		
(A) In the manifesto of United Nations	73. Where are Asiatic Lions found?		
(B) In the human rights of the United Nations	(A) Gir (Gujarat)		
(C) In the constitution of United Nations' Security	(B) Kanha (Madhya Pradesh)		
Council	(C) Velavadar (Gujarat)		
(D) In the preamble of the United Nations' Charter	(D) Kaziranga (Assam)		
Answer (D)	Answer (A)		
66. What is the capital of Goa?	74. What is the well-known dance of Tamil Nadu?		
(A) Puducherry (B) Mahe	(A) Lavni Dance (B) Kuchipudi		
(C) Panaji (D) Karaikal	(C) Bhangda (D) Bharat Natyam		
Answer (C)	Answer (D)		
67. Who was the chairman of the Constituent	75. From where does the monsoon begin in India?		
Assembly?	(A) Mumbai (B) Karnataka		
(A) Dr. Bhimrao Ambedkar	(C) Kerala (D) Andhra Pradesh		
(B) Dr. Rajendra Prasad	Answer (C)		
(C) Kanaiyalal Munshi	76. Where is the Kartik Poornima fair held?		
(D) Jawaharlal Nehru	(A) Modhera (B) Somnath		
Answer (B)	(C) Gimar (D) Bahucharaji		
68. Who chairs the joint sitting of both the houses of the	Answer (B) 77. Which Gujarati poet wrote colourful and emotiona Garbis of Lord Krishna's love?		
parliament?			
(A) Chairman of Loksabha (Speaker)	(A) Narsinh Mehta (B) Narmad		
(B) Chairman of Rajyasabha	(C) Premanand (D) Dayaram		
(C) Vice-President	Answer (D)		
(D) Prime Minister	78. Which ancient book of India has mentioned the		
Answer (A)	value of π (pie)?		
69. Who appoints the Chief Justice of the Supreme Court?	(A) Aryabhattiyam (B) Aryasiddhanta		
(A) Vice President (B) President	(C) Algebra (D) Lilawati Ganit		
(C) Prime Minister (D) Governor	Answer (A) 79. Between which two rivers is Lothal situated?		
Answer (B)	79. Between which two rivers is Lothal situated?(A) Narmada and Tapi		
70. What is India's rank in terms of area in the world?	(A) Narmada and Tapi (B) Shetrunji and Bhadar		
(A) Seventh (B) Fifth	(C) Bhogavo and Sabarmati		
(C) Third (D) Second	(C) Aji and Nari		

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80. How many lions are there in the pillar of Sarnath?	88. About how much area is covered by black soil out		
(A) Two (B) Three	of total area of India?		
(C) Five (D) Four	(A) 43% (B) 29%		
Answer (D)	(C) 15% (D) 35%		
81. Where is the famous ancient sun temple of Gujara situated?	Answer (C) 89. Which wild animal has totally extincted from		
(A) Siddhpur (B) Modhera	Gujarat?		
(C) Vadnangar (D) Patan	(A) Tiger (B) Bear		
Answer (B)	(C) Deer (D) Panther		
82. Which is the most ancient book of Indian literature?	Answer (A)		
(A) Samveda (B) Yajurveda	90. In which area of Gujarat is dry farming carried out?		
(C) Rigveda (D) Atharvaveda	(A) North Gujarat (B) South Gujarat		
Answer (C)	(C) Kutch (D) Bhal Region		
83. The ruler of which dynasty patronized Vallabhipith?	Answer (D)		
(A) Maitrak Dynasty (B) Maurya Dynasty	91. What is the name of the crop grown during summer?		
(C) Shrung Dynasty (D) Gupta Dynasty	(A) Rabi crops (B) Zaid crops		
Answer (A)	(C) Kharif crops (D) Horticultural crops		
84. Who is known as the 'Father of Mathematics' o	f Answer (B)		
India? (A) Acharya Nagarjun (B) Maharshi Charak	92. Which of the following oil seeds has the highest content of oil?		
(C) Aryabhatt (D) Maharshi Patanjali	(A) Soyabean (B) Groundnut		
Answer (C)	(C) Sesam / Til (D) Castor		
85. Which sculpture of Elephanta is considered as one	Answer (C)		
of the best sculpture in the world? (A) Smiling Lord Vishnu	93. From which state of India is the maximum iron obtained?		
(D) Trimurti (Brohmo, Mishou and Mahadh)	(A) Karpataka (B) Orissa		
(C) Goddess Durga slaying Mahisasura	(C) Jharkhand (D) Chhattisgarh		
(D) Kailash Temple	Answer (A)		
Answer (B)	94. What is the average rate of population growth in India?		
86. Who built the step – well of Patan?	(A) 2.1% (B) 2.3%		
(A) Queen Udaymati	(C) 2.4% (D) 1.9%		
(B) Mayanalladevi	Answer (D)		
(C) Siddharaj Jaysinh (D) Bhimdev-I	95. The price of which products are fixed by the government?		
Answer (A)	(A) Cotton (B) Petroleum Product		
87. Which department is responsible to look after the preservation of national monuments?	C) Edible oil (D) Tea		
(A) Revenue Department	Answer (B)		
(A) Revenue Department (B) Police Department	96. Who propounded the concept of Human Development Index?		
(C) Public Works Department (PWD)	(A) Amartya Sen (B) Boyd Orr		
(D) Department of Archaeology	(C) Arun Jaitley (D) Dr. Hansaben Mehta		
Answer (D)	Answer (A)		

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97. How many percentages' reservation provision Gujarat government made for women in gover		99. The index of which article of the constitution includes scheduled tribes?			
job?	(A) Article-340	(B) Article-342		
(A) 30% (B) 35%	(C) Article-330	(D) Article-335		
(C) 38% (D) 33%	Answ	er (B)			
Answer (D)	100. \	100. Who wrote 'Sangeet Makrand'?			
98. Who built the Red Fort of Delhi?		A) Pt. Narad	(B) Pt. Saarang Dev		
(A) Babar (B) Akbar		C) Pt. Ahobale	(D) Taansen		
(C) Shahjahan (D) Jahangir					
Answer (C)	Answ	ver (A)			
			Inited		