SEAL

INDIAN INSTITUTE OF TECHNOLOGY OF TIRUPATI STAFF RECRUITMENT 2021

OBJECTIVE TEST

DATE: 25 TH JULY 2021	DURATION: 120 MINUTES	TOTAL MARKS: 90TT
POST APPLIED FOR	ADMIT CARD NUMBER (LAST FOUR DIGITS ONLY)	DEPARTMENT
JA (JUNIOR ASSISTANT)		ADMINSTRATION

INSTRUCTIONS

Please read the following instructions carefully:

- Write and mark carefully THE LAST FOUR DIGITS OF YOUR Admit Card number, Post applied for, and Department Codes on the OMR Answer Sheet and sign at the appropriate place. In the absence of Admit Card Numberand Signature on the OMR Answer Sheet, it may NOT be evaluated and it may be cancelled.
- 2. Strictly follow the instructions given by the Room Invigilator and instructions given on the Question Booklet
- 3. Candidates are NOT allowed to carry any Papers, Notes, Books, Cellular phones, Scanning devices, Pagers etc. to the Examination Hall. Any candidate found using or in possession of such unauthorized material or involved in copying or impersonation or adopting unfair means or behaviors will be disqualified and may be subjected to penal action.
- 4. The examination is of objective type. All questions are compulsory. There is no negative mark for wrong answer.
- 5. The candidate must check that the Question Booklet has 90 objective questions with multiple choice answers. If any discrepancy is found, report to the Invigilator immediately, so that the Question Booklet may be replaced.
- 6. Each objective question is followed by four answers in which one is correct. Your task is to choose the correct answer and mark your Answer on the OMR Answer Sheet, NOT on the Question Booklet.
- 7. Completely darken the CIRCLE so that the alphabet inside the CIRCLE is NOT visible. Darken only one circle for each answer. The CORRECT and the WRONG method of darkening the CIRCLE on the OMR answer sheet are given in the example below:

CORRECT METHOD

WRONG METHOD





- 8. Use blue/black ink ball point pen for darkening the circles on the OMR Answer Sheet. Do NOT use pencil.
- 9. Folding / wrinkling or putting any unwanted mark or damaging the OMR Answer sheet is prohibited. The candidate will be responsible for invalidation of the OMR Answer sheet for doing such deeds.
- 10. Use the space provided for Rough Work in the Question Booklet.
- 11. The OMR Answer sheet and Question Booklet will have to be submitted to the Invigilator after the examination.

1.		able to do a piece of v ey can work together fo					e work in 35 d	lays.
	A.	14/25		B.	11/25			
	C.	12/25		D.	13/25			
2.		re can be bent in the fo	orm of a cir	cle of rac	lius 56cm. If i	t is bent in th	ne form of a squ	uare,
	A.	7744		muorB.	8844			
	C.	5544						
	ri) plm	of elle the teacher		t with a				
3.	resp	ctangle becomes a squ ectively. During this pr	ocess, the					
	origi	nal rectangle in square	meters?		÷.			
	A.	1125		В.	4500			
	C.	2924		D.	2250			
4.	For	integers a, b and c, wh	at would	be the m	inimum and	maximum val	lues respective	ly of
	a+b+	-c if $\log a + \log b + \log$	g c =0?					
	A.	1 and 3		В.	-1 and 3			
	C.	-1 and 1		D.	-3 and 3			
5.	If 7.	= 53 and ACT = 51, th	en RAT w	ill be ear	ial to			
0.						12		
	A.	1770 rote homits with ment			79			
	C.	83		D.	81			
6.	If T	AXI=16, WAVE =26, the	en the val	ue of ALI	F is			
	A.	18		В.	9		*	
	C.	16		D.	26			
7.	U3V	'S, OQ2Y, ILE1,, A	AB2Q					
	Α.	EG3L		В.	E3GK			
					EH3M			
	C.	E3HM		D.	EU9M			
 29								
8.	The same	pose there is a circular						
		te car at 3 rd stop. For ev te car moves one stop cl						
	A.	16		В.	22			
	C.	Never Meet		D.	None of the	above		
		21200						

9.	35% 25%	is cut away, in is chiselled aw	arved by a sculpton the second week 2 ay and polished to nal piece of the mar	0% of the produce t	remainder	is cut away	and in the th	ird week
	A.	265 kg		В.	250 kg			
	C.	255 kg	a tell	D.	260 kg			
10.	can	empty the tank	can fill a tank in in 12 hours. Initia	lly, P and	R are open	for 4 hours	s. Then P is cl	osed and
	A.	13.5		В.	15.5			
	C.	14.5		D.	16.5			
11.			shows 8 o'clock in the clock shows 2 o'				degrees will	the hou
	A.	154°		В.	160°			
	C.	180°		D.	170°			
12.	Fine	d the missing r	number. 5, 6, 13.5,	?, 33.5, 3	6.5			
	A.	14.5		В.	15.5			
	C.	14		D.	16.5			
							1 a Y 1-	
13.			the divisor is 10 that is the dividend?		quotient a	nd 5 times	the remainde	er. If the
	A.	4236		В.	4306			
	C.	5336		D.	4336			
14.	Wha	at is the unit di	igit in {(6374) ¹⁷⁹³ x (625) ³¹⁷ x ((341) ⁴⁹¹ }?			
	Α.	0	(00, 1)	В.	2			
	C.	3		D.	5			
	O.	0 ,		D.	0			
15.	Wha	at will be rema	inder when 17^{200} is	divided b	y 18?			
æ	A.	16		В.	17			
	C.	1		D.	2			
16.			ich are co-prime to e last two is 1073.					st two is
	A.	75		B.	81		r.	
	C	80		D	95			

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17.	pers of p	ons in each building is the same. If	20 per	sons are sent from P to Q, then the number of sons are sent from Q to P, then the number sons in Q. How many persons are there in
	A.	140	В.	90
	C.	80	D.	120
18.	A m	and the same of th	work	and for each day, the working hours are 10 and Rs. 4.20 per hour for overtime. If he earns k?
	A.	245	B.	255
	C.	275	D.	285
				ent suggested to a fraction of
19.		, all of the same size. what is the la		neters wide is to be paved exactly with square size of the tile which could be used for the
	A.	42cm	В.	14cm
	C.	21cm H to ship at A case of	D.	None of these
20.	Wha	t day of the week was it on May 28,	1987?	
	A.	Wednesday	В.	Thursday
	C.	Friday	D.	Saturday
21.		present ages of three persons in proposal was 56. Find their present ages (in 5		ns 4:7:9. Eight years ago, the sum of their
	A.	8, 20, 28	В.	20, 35, 45
	C.	32, 56, 72	D.	16, 28, 36
22.		rinter numbers the pages of a book st the book have?		with and uses 3273 digits in all. How pages
	A.	1095	B.	1097
	C.	1099	D.	1101
	(8)			
_ 23.	upst		4 km	point P to Q and to return to point P moving hr and speed of the boat in still water is 6 d Q?
	A.	10 Km	В.	9 Km
	C.	8 Km	D.	11 Km
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24.						n what time, it will pass a n which the train is going?
	A.	10 Sec		B.	8 Sec	
	C.	6 Sec	,	D.	4 Sec	
25.	miles finally	rightwards,	then travel 30 miles	towards	left and then trav	ward. Then Guru travels 40 els 12 miles to the left and his original position and in
	A.	13 miles tow	ards south-west	В.	13 miles towards	north-east
	C.	13 miles tow	ards east	D.	20 miles towards	south
26.	Arrar	nge the words	given below in a m	eaningful	sequence.	
	1. Pr	esentation 2	2. Recommendation	3. Arriv	al 4. Discussion	5. Introduction
	A.	5,3,4,1,2		B.	3,5,4,2,1	
	C.	3,5,1,2,4		D.	3,5,1,4,2	
27.	daug	hter of B' and		is father	of B', then which	of B', 'A # B' means 'A is of the following expressions
	A.	H @ J \$ L 7	# P & K	B.	H@J\$P&L	# K
	C.	H @ J \$ L ;	# K & P	D.	H @ P \$ J & L	# K
28.			tograph, a person t			granddaughter of the elder to his Man?
	A.	Niece		В.	Sister-in-law	
	C.	Aunt		D.	Nephew	
29.	reas	oning rather, even if they	than inductive reaso	oning. Yo stablished llains. zeros.	u have to consider	ts. It is based on deductive the given statements to be ngly choose the right answer
		Conclusion:	i) Some Jokers areii) Some villains ariii) Some zeros are	e jokers		
	A.	Only conclu	sions i and ii follow	s B.	All conclusions i	i, ii and iii follows
	C.		sions i and iii follow			s ii and iii follows
	U.	Omy Concide	ibioins I dild ill iollow	2.	J === J	7

30.			-		e candidate is required to read and understand of the assumption is implicit in the statement
	mon		nance wi	ll be	ftware engineer with a probation period of six reviewed at the end of the probation period for at letter.
	I) Th	ne performance of the candida	te is not	know	n at the time of appointment.
	II) A	an individual is likely to prove	his wor	th du	ring the probation period.
	A.	Only I is implicit		В.	Only II is implicit
	C.	Neither I nor II is implicit		D.	Both I and II are implicit
31.			aunch to	bring	oxygen-filled cryogenic containers to India from
	abro			Month	
	A.	Samudra Setu-II		В.	Samudra Setu-I
	C.	Vande Bharat		D.	None
32.	Wha	t was the theme of 16th Prava	asi Bhara	atiya]	Divas Convention 2021?
	A.	Redefining engagement with	the Indi	an	
	В.	Contributing to Aatmanirbh	ar Bhara	t	
×	C.	Connecting across Generatio	ns		
	D.	Role of Indian Diaspora in b	uilding N	New I	ndia Arcun Jacradish
33.	Whi	ch state announced its new So	olar Powe	er Pol	icy 2021 for five years?
	A.	Jharkhand Hill Control of		В.	Rajasthan
	C.	Gujarat		D.	Uttar Pradesh
					say timewife to a sit on each sit of
34.	The	Eastern-most site of Indus ci	vilization	is lo	cated in
	A.	Punjab		В.	Uttar Pradesh
	C.	Madhya Pradesh		D.	Gujarat
					Sign was the sign of the sign
35.	Cha		ves a det w the Na	tailed	account of how Chandragupta Maurya got? Besides this, it gives an excellent account of
	A.	Arthashastra		B.	Mudra Rakshasa
	C.	Indica		D.	Jatakas
36.	Buk	ka-I strengthened the city of	Vidyanag	ar an	d renamed it as
	A.	Bhagyanagar		B.	Vijayanagar
	C.	Amaravati		D.	Tirupati

37.	Which of the followings is not an idea of	Prarthana Samaj (Prayer Society).
	A. Monogamy	
	B. Monotheism	
	C. Upliftment of women	
	D. Abolition of caste discrimination	
		y a sine ful
38.	Which river valley project has one of Site-Hampi?	of its power houses at UNESCO World Herita
	A. Bhakhra-Nangal	B. Tungabhadra
	C. Hirakud	D. Nathpa Jhakri
	0.	
20	When was Quit India Movement started	1?
39.	A. 1946	В. 1944
	*	D. 1942
	C. 1943	
1	Above the Stratosphere lies the	
40.		B. Mesosphere
	A. Troposphere	D. Exosphere
	C. Thermosphere	
	of Indian	unrest?
41		B. Mahatma Gandhi
	A. Bal Gangadhar Tilak	D. Lala Lajpat Rai
	C. Abdul Ghaffar Khan	D. Edit Edyf
		1. Abic otato
42	2. The Tropic of Cancer does not pass th	
	A. Gujarat	
	C. Odisha	D. Mizoram
		,
4	43. Which of the following is known as	
	A. Mercury	B. Venus
	C. Jupiter	D. Mars
	age to the first of the	
	44. How does weather seem to affect the	e novel coronavirus?
	A. The virus can't survive in hot	, humid climates
	a Gald temporatures can kill the	evirus
	C. Temperature variance due to	weather conditions stops the spread of the virus
	O. London	

D. It is not yet known

45.	Fun	damental Duties of the Indian Constit	tution	is adopted from the constitution of
	A.	UK	B.	USA
	C.	USSSR	D.	Australia
46.		ch Article of the Indian Constitution ployment?	romot	tes equality of opportunity in matters of public
	A.	Article 16	B.	Article 17
	C.	Article 19		Article 21
47.	Prop	perty Tax is a type of		
	Α.	Direct Tax	В.	Indirect Tax
	C.	State Govt. Imposed Tax	D.	None of the above
48.	A ju	adge of Supreme Court of India can be	remo	ved by?
	A.	Member of Lok Sabha		
	B.	Member of Rajya Sabha .		
	C.	Members of the both houses support	ted by	majority of votes
	D.	President of India		
49.	SAI	L is a Public Sector Enterprise that f	alls u	nder the category of
	A.	Maharatna		
	B.	Navratna		
	C.	Miniratna		
	D.	Not included in any of the above		
50.		ich of the following banks has been se iculture Market (eNAM)?	lected	as a digital payments partner by the National
	A.	ICICI	B.	HDFC
	C.	Axis	D.	Kotak Mahindra
		1875 P. Carlotta and T. Walter and T. Carlotta	1	9
51.		e Central Board of Direct Taxes (CBI urns for assessment year (AY) 2021-22		as extended the due date for filing income tax andividuals
	A.	by two months, till September 30, 2	2021	
	B.	by three months, till October 31, 20)21	
	C.	by four months, till November 30,	2021	
	D.	by one month, till August 31, 2021		

		among the following won Sahitya Aka	demi	Award - 2020 in English literature?
52.	Who		CCCIIII	
	A.	Gian Singh		
	В.	Arundhathi Subramaniam		
	C.			
	D.	Irungbam Deven		
				MOE) are normitted to open a
53.	Acco	ording to the UGC guidelines, Institution of how many off-campus centre	itions s in fo	of Eminence (IOEs) are permitted to open a creign countries?
	A.	Two	В.	Three
	C.	Four	D.	Five
			7	*
54.	Moi	ney raised by issuing of shares is calle	ed	
04.	A.	Share	В.	Short covering
	С.	Share Capital	D.	Sinking fund
	0.	Share espera		
FF	mb.	e 15 th edition of Toshali National Craf	t Mela	was organised in
55.		Karnataka	В.	Andhra Pradesh
	A.		D.	Odisha
	C.	Kerala		
		rce of attraction between the molecule	s of di	fferent substances is called
56			В.	Adhesive Force
	A.	Cohesive Force	D.	Buoyancy
	C.	Surface Tension	D.	
		hat is the position of India in Global	Climat	Risk Index 2021?
57			В.	
	A		D.	
	C	Third		Develor
				Deshon Gyan' on health and nutrition?
5	8. V	Who launched the National Digital repo		'Poshan Gyan' on health and nutrition? NITI Ayoga
	A	L. FCI	В.	
		c. MCI	D	. MoHFW
5	59. V	Which country is the second largest so		
	I	A. Japan	В	
		C. Singapore	Γ	USA

60.	In co	ollaboration with w	hich organisation	on, the Mi	nistry of	AYUSH !	launched m	Yoga I	Mobile	e App
	A.	UNO		B.	WHO					
	C.	WTO		O D.	FAO					
61.	Choo	ose the most suitab	le alternative	in accorda	nce with	the corre	ect use of t	ense.		
	A.	Rohan just had h	nis dinner.							
	B.	Rohan has just h	ad his dinner.							
	C.	Rohan just had e								
	D.	Rohan just has h	ad eaten his d	inner.	** 763 C					
62.	Cho	ose the most suital	ole alternative	in accorda	ance with	the corr	ect use of t	tense.		
	A.	Before the doctor	comes the pat	ient will	die.					
	В.	Before the doctor	comes the pat	ient will l	nave died	l.				
	C.	Before the doctor	comes the pat	cient will	be dying.					
	D.	Before the doctor	came the pati	ent will d	ie.					
Dir	ection	n : Choose the mos	st suitable alte	rnative to	fill in th	ne blanks:				
63.	He	told me that he	San	skrit fluer	ntly and	was imm	ensely plea	sed.		
,	A.	could speak					ř			
	В.	can speak								
18	C.	could have spoke	n							
	D.	could be speakin	g		્ર					
64.	Ven	nkatesh told me th	at he	go to	Tirumala	a next da	у.			
	A.	will		B.	would					
	C.	shall		D.	may					
		4								
65.	Wh	ich is	more beautifu	of the tv	vo places	?				
	A.	a		В.	the					
1	C.	110 01 01010		D.	of					
0.0				on	w to the	aamnua				
66.		net Ag	garwars waay	on my wa	the	campus.				
	A.	a no article		D.	an					

67. People have felt no respite hea	t wave.
A. to	b. Hom
C. of	D. with
68. At the sight of his former secretary he	e flewa rage.
and the second s	B. into
	D. on
	and the Section of the Company
over work because l	nard work had affected his health adversely.
	B. from
A. by	D. with
C. of 70. The fear that COVID 19 has broken	in India is not unfounded.
	B. into
A. down	D. over
C. out	
71. We usually give our servants the ol	d clothes we cast
00	B. aside
A. off	D. on
C. away	
72. She always reminds me of her mor	ther since she her.
	B. takes after
A. takes on	D. takes up
C. takes before	A CALL OF THE CALL
topog with v	aried clauses. Analyse each sentence to point out the
Direction: Below are sentences with	by choosing the correct alternative.
73. I shall not tell you where she live	B. Adverb clause
A. Noun clause	D. Co-ordinate clause
C. Adjective clause	
a lease my	mother lives.
74. I shall go to the place where my	B. Adverb clause
A. Noun clause	D. Co-ordinate clause
C. Adjective clause	
75. I shall go where my mother live	B. Adverb clause
A. Noun clause	D. Co-ordinate clause
C. Adjective clause	D

Dire	ction	: Please choose the correct meaning of	of the	idioms given in bold in the sentences.
76.	He is	not worth his salt if he fails at the	nis ju	ncture.
	A.	quite strange		
	В.	quite weird		
	C.	quite worthy		
	D.	quite worthless		
77.	Seem	a is a little hard of hearing.		
	A.	inaudible	3. 71),	
	В.	disinterested		
	Ċ.	deaf		
	D.	insensitive		
Dire	ction	: Choose the word nearest in meaning	g to t	he bold part.
78.	A wis	se man puts past rancour behind and	d mov	res ahead.
	A.	hatred	В.	dislike
	C.	division	D.	criticism
79.	She i	is a woman of sterling qualities.		
	A.	irritating	В.	exciting
	C.	interesting	D.	genuine
				· · · · · · · · · · · · · · · · · · ·
Dire	ction	: Select the word nearest to the oppo	site in	n meaning of the bold word.
80.	The	issue was raised tangentially in the	negot	iations.
	A.	forcefully	В.	partly
	C.	candidly	D.	fitfully
81.	He fi	inally conceded that he was involved	in sı	nuggling.
	A.	accepted	В.	concealed
	C.	admitted	D.	denied
there				
82.	It ne	eds an expert to decipher the secret	messa	age sent to the Army Officers during war time.
	A.	swindle	В.	decode
	C.	encode	D.	make up

13

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Direction: In the following questions the first and the last parts of the sentence are numbered as S_1 and S_6 . The rest of the sentence is split into four parts end are named as P, Q, R and S. These four parts are not given in their proper order. Read the jumbled parts of the sentence and find out which of the four combinations is correct. Then find the correct answer.

- S_i : In spite of an unprecedented boom in the market 83.
 - P: and had to remain content
 - Q: the paper-dealer could not
 - R: push up his sales
 - S: with a volume of sale lower than
 - S_c: what he had sold the previous year.
 - PQSR

RQPS B.

QRPS C.

RPSQ D.

84. S₁: A connection had long been suspected

- P: since both wear at their worst in the
- Q: same reasons and seasons, but the nature
- R: between the abundance of mosquitoes
- S: and the occurrence of malaria
- S_s: of this connection had not been understood.
- PQSR

RQPS

QRPS C.

- RSPQ D.
- 85. S_i: Yes, a mirage can be photographed.
 - P: That is hallucination.
 - Q: Anything reflected by the lens of the human eye will naturally be picked up by the photographic lens.
 - R: Sometimes, however, a person imagines he is seeing something but actually he is not.
 - S: The image, of course, will be hazy and simmering because of refraction of light.
 - S_{ϵ} : That kind of mirage obviously cannot be photographed.
 - PQSR A.

RQPS

QRPS C.

QSRP D.

Direction: Read the passage carefully and answer the questions based on it.

If I had been asked in my early youth whether I prefer to have dealings only with men or only with books, my answer would certainly have been in favour of books. In later years this has become less and less. Not that I have had so much better experiences with men than with books, on the contrary delightful books even now come my way more often than purely delightful men. But the many bad experiences with men have nourished the meadow of my life as the noblest book could not do.

- 86. The author says that in later years his love of books diminished because
 - A. he did not get many delightful books to read
 - B. he had better experiences with men than with books
 - C. he had given up the habit of reading books
 - D. even the bad experiences he had with men were more valuable than what the noblest books could give
- 87. Which one of the following statements best reflects the main arguments of the passage?
 - A. Books are always better than men
 - B. There are more purely delightful men than purely delightful books
 - C. It is the experience with other human beings that nourishes one's life and not necessarily books
 - D. Neither men nor books give any worthwhile experience
- 88. Which one of the pairs of phrases best helps to bring out the metaphorical meaning of the meadow of my life?
 - A. Pure and healthy life
 - B. Vast and rich life
 - C. Well-nourished but dull life
 - D. Poor but simple life

Direction: Direct / indirect speech is given in the following questions. Out of the four alternatives suggested select the one which best expresses the same sentence in indirect/direct speech.

- 89. Moni asked Nani whether the latter was in his sense.
 - A. "Hey Nani, are you in your senses now?" asked Moni.
 - B. "Nani, have you lost your senses?" asked Moni.
 - C. "Nani, are you in your senses"? asked Moni.
 - D. "Are you senseless, Nani?" asked Moni.
- 90. He said to her, "What a cold day!"
 - A. He told her that it was a cold day.
 - B. He exclaimed that it was a cold day.
 - C. He exclaimed sorrowfully that it was a cold day.
 - D. He exclaimed that it was a very cold day.
