[REF]

Whitefield International College

Nayabazaar, Town Planning, Kathmandu

BCA Entrance Mock Test –I

Time: 2 hrs. Full Marks: 100

(Attempt all questions)

(40**V**1_40)

		<u>Grammar (40X1)</u>	<u>=40)</u>			
1.	I livethe park.			2	0	
	a) by	b) with	c) over	d) from	J	
2.	She did the exams	two sittings.		Comos		
	a) at	b) by	c) from	d) over		
3.	Chinese are hard w	orking				
	a) a	b) an	c) the	d) None		
4.	The passive of: Who taug					
	a) Who was she taught su		b) By whom she was taught such things?			
	c) By whom was she taug	ght such things?	d) By whom is she taught such things?			
5.	Ten divided tv	vo is 5.	45			
	a) at	b) by	c) in	d) None		
6.	She iswith suffe	erers.				
	a) Sympathetic	b) Sympethetic	c) sympathatics	d) Sympethetic		
7.	The plural from of 'Lion'	is				
	a) Lion	b) Lioness	c) Leon	c) lions		
8.	If bread is to yeast in the	•				
	a) Fungi	b) Bacteria	c) Yeast	d) Algae		
9.	Had he had the time, he .	the function				
	a) Would attend	b) attended	c) had attended	d) would have attended	d	
10.	The rain Before the li	ghtening flashed				
	a) Had already stopped		b) already stopped			
	c) Was stooping		d) has already stoppe	ed		
11.	None is available	?				
	a) are they	· ·	c) didn't they	d) did they		
12.	We heard voices	the hedge .				
	a) at	b) on	c) in	d) Over		
13.	He exchanged the cow	the horse.				
	a) By	b) for	c) about	d) on		
14.	A mania for books					
	a) bibliomania	b) logomania	c) kleptomania	d) pyromania		
15.	Synonyms of "off"					
	a) of	b) on	c) down	d) false		

16.	The Scissorsto	blunt.		
	a) is	b) are	c) were	d) was
17.	Either his brother or his	sister always there		
	a) is	b) are	c) was	d) be
18.	She said to me "Let me	go"		
	a) She said to me let me	go.	b) She requested me	e to let me go.
	c) She requested me lett	ing her go.	d) Sherequested me	to let her go.
19.	'Friend' is same as			
	a) partner	b) competitor	c) foe	d) associate
20.	Listen to the birds			
	a) sing	b) singing	c) to sing	d) song
21.	I bought this pen form the	nestore		
	a) Stationery	b) Stationary	c) Stationnary	d) Stantianary
22.	Don't to anybody			
	a) lie	b) lay	c) laid	d) laed
23.	This bed is not fo	r two people to sleeping		
	a) as wide as	b) wide enough	c) wider enough	d) quite wider
24.	The fault in engine is	this time then it was the	he last time.	
	a) more serious	b) serious	c) very serious	d) serious than
25.	"To born the candle at b	ooth ends" means		
	a) To born seriously.		b) In very painful si	tuation
	c) T <mark>o</mark> wo <mark>rk hard</mark>		d) none of these	
26.	SheEnglish by n	ext Friday		
	 a) will have studied 	b) studies	c) will be studying	d) will have studying
27.	ARMY: LOGISTICS			
	a) War :logic	b) business: Strategy	c) soldier: Student	d) team: individual
28.	J 1	ethe house is on fire		
	a) extincter	b) extinguisher	c) extinguishing	d) extinguisl
29.	She cannot play chess, .	can her sister.		
	a) nor	b) neither	c) with	d) either
30.	Red handed means:			
	a) quickly		b) caught in the act	
	c) caught with dirty hand		d) caught with his h	ands tied
31.		na. That means I am		
	a) dazzled	b) tired	c) puzzled	d) not sure
32.	Cholera brokein J	ajarkot ten year ago		
	a) out	b) down	c) up	d) into
33.	You like apples and so			
	a) I do	b) I like	c) do I	d) did I
34.	The synonym of "Emula	ite"		
	a) imitate	b) deny	c) question	d) discuss
35.	If you teased the day. It			
	a) will	b) would	c) did	d) sky
36.	Ram sold his plot of land	d in the village so that he	Buy a new hou	se in city.

	a) could	b) can	c) need	d) would		a) 6677	b) 6767	c) 2428	d) 2824
37.	Last night I heard a lady.				55.	Find the value of log ₂ 16	is		
	a) crying	b) cry	c) to cry	d) cried		a) 1/8	b) 2	c) 4	d) 8
38.	Usha plays chess Tha	n her sister			56.	ABC is right angled trian	gle with perpendicular side equ	al to 8 and the base side to	6 .The hypotenuse
	a) more better	b) better	c) well	d) best		side is equal to.			
39.	There was a discussion be	etween				a) 10	b) 9	c) 7	d) 5
	a) Me and her	b) them and us	c) you and her d) n	ne and them	57.	4y - x = 10,3x - 2y =	0, then $xy = ?$		
40.	He as well as Ihelp.					a) 2	b) 3	c) 6	d) 12
	a) need	b) needs	c) is needing d) h	nas needed	58.	If $x = 4y$, what percent of	of 2x is 2y?		
						a) 20 %	b) 40 %	c) 30 %	d) 25%
		Mathematics (50	X1=50)		59.	Find the values of x in ser	ries 1,1,2,3,5,8,13,x?		
41.	There are 70 student in a	computer class .If number of gi	irls are 6 times that boys t	then how many girls		a) 21	b) 22	c) 19	d) 23
	are there?		·	4000	60.	In certain school 20 students and 10 maths and 10 are taking history and 7 are taking both, how many			
	a) 70	b) 10	c) 60	d) 50 C B C		are taking math only?			
42.	Find the number X, Whic	h is equal to (80 % of x) plus 5.		1 Con		a) 20	b) 4	c) 3	d) 7
	a) 20	b) 30	c) 40	d) 25	61.	A number, when dividing	g by 12, gives a reminder of 7.	If the same number is div	ded by 6, then the
43.	The average of six number	er is x and the average of three	of is y. if the average of	the remaining there		remainder must be.			
	is Z,					a) 1	b) 2	c) 3	d) 4
	a) $2x = y + z$	b) $x = y + z$	c) $x = 2y + 2z$ d) n	none of these	62.	Ram spent Rs 40 which is	s 5% of his daily wage then his	total daily is	
44.	The slope of the line para	llel to x-axis is.	45			a) 400	b) 600	c) 800	d) 1000
	a) 0	b) 1	$c)\frac{0}{0}$ d) c	ca <mark>nnot be predict</mark>	63	If a b-a then what is the	average value of a,b are c?	•	,
15	what is the value of v in s	eries 2,5,10, x , (n^2 +	0		03.		_	2	
43.	a) 13	b) 17	c) 15	d) 16		a) $\frac{a+b}{3}$	b) $\frac{c}{3}$	$c)\frac{2c}{3}$	d) $\frac{c}{3}$
46	for a matrix additions, th	· /	() 13	4)10	64.	The population of town i	ncreased from 1,75,000 to 2,62	500 in a decade, what is t	he average nercent
10.	a) both have same order b) both have different order			der	04.			,,500 iii a decade .wiiat is t	ne average percent
	c) both have row equal		d) both have column equ			increase of population per	r year?		
47.	•	in $3x + 4y = 7 & 4x - y = 3$	a) com nave commi equ			a) 4%	b) 6%	c) 5%	d) 50%
.,.	a) 1, 2		c) 2, 2	d) 1, 1	65.	The interest rate that doub	oles a sum in 10 years is		
48.		3/5 of 80 and 30 % of 80 is	-, -, -			a) 12%	b) 11%	a) 100/	d) 9%
	a) 20	b) 14	c) 15	d) 24		\ ^	<i>'</i>	c) 10%	a) 9%
	1 2	3	,		66.	A person crosses a 600m	long street in 5 minutes what is	his speed in km per hour?	
49.	Find the value in 3 ?	5				a) 10	b) 8.4	c) 3.6	d) 7.2
	l5 6	7		•	67	Find the slope of equation	n x=5		
	a) 5	b) 4	c) 3	d) none	07.	1 1			
50.	the number of second in 1	•		D 0 5 4 5 0		a) 0	b) 5	c) ∞ d) ca	nnot be calculated
- 1	a) 84600	b) 86400	c) 8600	d) 86450	68.	If 3 bananas cost of 50 ce	nts, how many bananas can be l	bought for 20 dollars?	
51.	If 5/7 of a number is 102		\ <15	1) 7.60		a) 120	b) 115	c) 110	d) 130
50	a) 735	b) 430	c) 615	d) 560	60	$5^3: 5 = 3 \times 5 : x$, then f	~	,	,
52.	The largest 4 digit number		-) 0000	1/ 0000	09.	· ·	_		
52	a) 9999	b) 9768	c) 9988	d) 8888		a) $\frac{5}{3}$	b) $\frac{3}{5}$	$c)\frac{1}{5}$	d) 5
33.	•	er annum compound interest fo	or two years amounts to I	KS13, 000. THE SUM	70	3	and FIGHT is coded as URTSO	3	nd on
	lent is a) 12,000	b) 12,250	a) 12 484	d) 12,880	70.			•	
51	If $2 \times 3 = 812$ and $4 \times$, ,	c) 12,484	u) 12,000		a) PRSP	b) TRST	c) RSTR	d) SRTS
J4.	11 2 × 3 – 012 uilu 4 ×	3 - 1020 then 0 x / -?							

71.	If x is an integer, then wh	nich of the following is the prod	uction of the next two	integer than 2(x+1)?	
	a) $4x^2 + 14x + 12$	b) $4x^2 + 12$	$c)x^2 + 14x + 12$	d) $x^2 + x + 12$	
72.	The value of $\sum_{n=1}^{10} (-1)^n$ is				
	a) 1	b) -1	c) 10	d) 0	
73.	If a matrix is of order 5 >	< 7, then each row will contain.	elements		
	a) 5	b) 12	c) 35	d) 7	
74.	$\log_a 81 = 4$, then the val	lues of 'a'is			
	a) 4	b) 3	c) 5	d) none of these	
75.	If A.M of x and y is 10 a	nd G.M of there is 8. What is th	e value of x and y?		
	a) 16, 4	b) 15, 5	c) 14, 6	d) 12, 8	
76.	If the ratio of $\frac{1}{4}$ to $\frac{1}{5}$ is equ	ation to the ratio of $\frac{1}{4}$ to x .then v	what is the value of x?	college	
	a) $\frac{1}{20}$	b) $\frac{5}{16}$	$c)\frac{1}{5}$	d) $\frac{5}{4}$	
77.	Modulus of 'i' is	10	4		
	a) i	b) –i	c) 1	d) -1	
78.	A vendor bought bananas at 6 for a rupee. How many for a rupee must has sell to gain 20 %?				
	a) 3	b) 4	c) 5	d) 6	
79.	The slop of the line $\frac{x}{a} + \frac{y}{b}$	$\frac{1}{2} = 3 is$	ite		
	a) $-(\frac{1}{b})$	b) $-(\frac{b}{a})$	c) ab	d) $-\frac{1}{ab}$	
80.	Sum of first 'n' odd natu	ral number is			
	a) n(n+1)	b) <i>n</i> ²	c) $\frac{n(n+1)(2n+1)}{6}$	d) $\frac{n(n+1)}{2}$	
81.	If 'n+1' is even, then 'n-	+13' is			
	a) even	b) odd	c) neither a and b	d) none	
82.	The value of $\cos^{-1} \theta + s$	$\sin^{-1}\theta$ is			
	a) θ	b) $\pi\theta$	c)π	$d)\frac{\pi}{2}$	
83.	if $A = \{ 1,2,3 \}$ then non-	empty proper subset are			
	a) 8	b) 7	c) 6	d) 5	
84.	For a function to be inver	rse, it must be			
	a) Injective	b) bijective	c) Surjective	d) function only	
85.	$ax^2 + 2hxy + by^2 = 0$	represents			
	a) a pair of lines		b) a pair of lines pas	ssing through origin	
	c) a line only		d) None of these		
86.	4x + 2y + 3 = 0 and 82	$x + 4y + 6 = 0 \ are$			

a) Perpendicular lines b) equal lines c) parallel lines d) parallel and equal 87. Which one of is correct. a) Perpendicular lines have same slope b) Parallel lines have same slope c) Parallel and perpendicular lines have slope d) none of there 88. $\lim_{x\to 2} \frac{x^2-4}{x-2}$ b) 2 a) 0 c) 3 d) 4 89. Inverse of matrix exits if matrix is a) Singular b) Invertible d) None of these c) unit 90. The ratio of largest 2 digit number to largest digit number is a) 1 b) 10 c) 11 d) 0

General Knowledge (10X1=10)

		<u> </u>	<u>ge (10111 10)</u>			
91.	Who propounded the ato	mic theory?				
	a) Newton	b) Joseph Addison	c) John Dalton	d) Henry Mosey		
92.	When was first operating	system introduced?				
	a) 1930	b) 1950	c) 1970	d) 1990		
93.	Which is the longest day	on the earth?				
	a) June 21	b) March 22	c) January 21	d) August 21		
94.	How many districts are the	here in the Terai region?				
	a) 10	b) 20	c) 27	d) 30		
95.	Who is popular as "Lauh	aPurush" (Iron man) of Nepal?				
	a) Prithvi Narayan shah		b) Junga Bahadur R	ana		
	c) Ganesh Man Sing		d) Khila Raj Regmi			
96.	What is the weight of FII	FA cup?		41000		
	a) 5kg	b) 6kg	c) 7 kg	d) 8kg		
97.	Which river is known as	sorrow of Bihar?		160		
	a) Gandaki	b) Mahakali	c) Karnali	d) Koshi		
98.	How old was Jung Bahad	dur when he became the prime m	ninster of Nepal?			
	a) 28	b) 29	c) 30	d) 31		
99.	How many state member	are there in the UNO?				
	a) 190	b) 191	c) 192	d) 193		
100.	Who is known as the fath	ner of genetics?				
	a) Friederich Franz		b) Christian Dopper			
	c) Johann Karl Nestler		d) Gregor Johann M	lendal		
Best of Luck						