Bachelor in Computer Applications(BCA) Entrance Exam

Full Marks:100

Tlme:2hr

Group A[English]

Circle the correct answer from among the given options. (Mu

ultip	ole Choice Questions)	
1.	To beg the question.	
	a) to refer to	b) to take for granted
	c) to raise objections	c) to be discussed
2.	Cricket is agame, but	ut the destiny of the side is ofter
	shaped by a couple of individ	
	a) good	b) team
	c) popular	d) new
3.	Thehas to be pre-	cisely stated.
	a) content	b) criticism
	c) case Bcanotesnepa	l.com d) theme
4.	Man worked with his small to	ools until the advent of modern
	machineryby stear	n and electricity.
	a) worked	b) controlled
	c) driven	d) moved
5.	The rest is history.	
	a) history takes rest	b) known to everyone
	c) to avoid historical facts	d) history repeats.
6.	Warm as toast.	
	a) very hot	b) very fresh
	c) lukewarm	d) Cold
7.	The economy is finally	
	a) looking in	b) looking on
	c) looking at	d) looking up

8. The synonym of "Alien"	is:
a) Citizen	b) Native
c) Accustomed	d) Stranger
9. Which one is appropria	te synonym of "Foster".
a) Rear	b) Encourage
c) Nourish	d) Promote
Give an exact synonym	of "Witty".
a) Ingenious	b) Speedy
c) Foolish	d) Awkward
11. The antonym of "Abolish	h" is:
a) remove	b) reside
c) confront	d) establish
12. Give the antonym "Salie a) emphatic	ent".
c) important	b) striking
13. Demonstrating good jud	d) incline
a) insinuate	gement is called:
c) masterpiece	b) judicious
14. The study of society is c	d) towering alled:
a) Meteorology	b) archeology
c) Sociology	d) geology
15. Badminton is played on a a) court	a court as wrestling in a
c) around	p) rrack
16. It was the help he got from	d) Arena
through the tragedy.	d) Arena m his friends whichhim
a) boosted	b) parked
c) supported	-0.1.4
17. I never miss a cricket mat childhood.	ch. Ifond of cricket since
a) am b) will be	c) have been d) has her

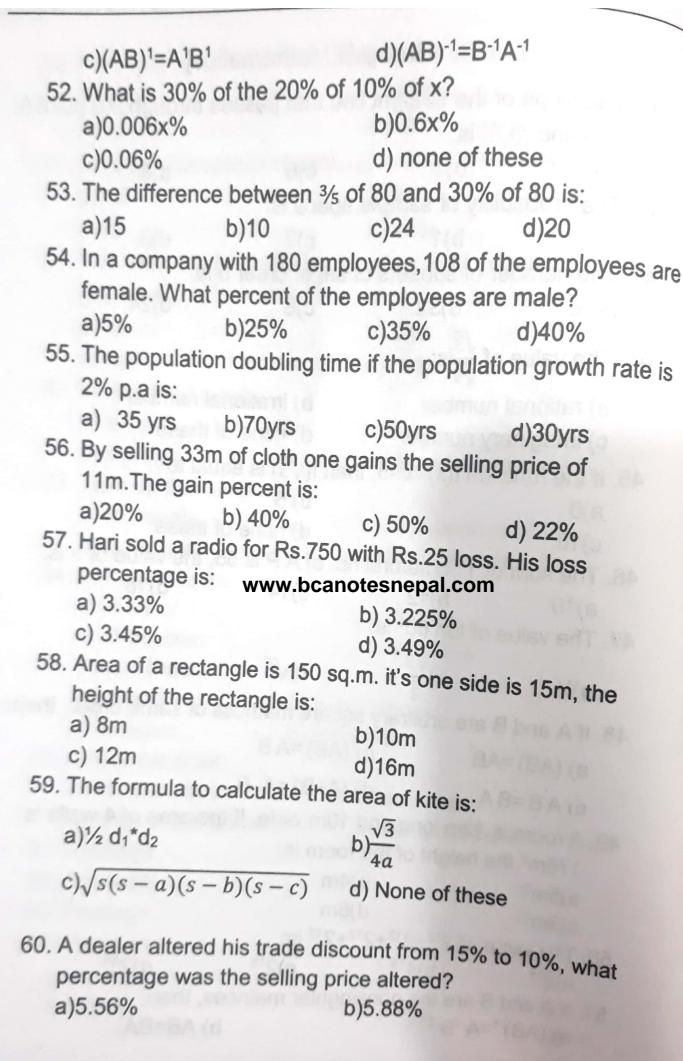
18. What is the	opposite of "Mu	ite"?	
	er a Appelouer		
c) harmoni	ze	d) amplify	
19. The scienti	sts made a	discovery f	or which he was
honored.			
a) sensual	dille	b) sensationa	al control is
c) sensuou	S	d) sentimenta	also like you will hale
20. That charm	ning girl was the.	of all ey	es.
a) aim	b) target	c) ambition	d) cynosure
21. A son who	is unable to look	k his father on th	ne face is:
a) guilty		b) arrogant	
c) timid		d) ashamed	
22. He resemb	oleshis	mother. www.	bcanotesnepal.com
a) at	b) in	c) with	d) none of these
23. The thunde	er was accompa	niedheav	y rains.
a) by	b) with	c) through	d) up
24. We passed	da lot of	beautiful towns	on the way to the
resort.	To rebrest (d		
a) along	b) across	c) through	d) all
	nu boonstoonen		
WW	w.bcanotesnepa	ai.com	
25. The child v	vas hiding	the door.	
a) behind		b) below	
c) among		d) none	
26. My parents	got married	the 1970s.	
a) at	b) in	c) from	d) on
27. Many of us	eatfork	and spoon.	
a) of		b) on	
c) to		d) with	
28. How many	people are	your team	?
a) of		b) on	
c) to		d) with	

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spicion.	a) to wait b) to run av c) to dance d) to follow	a) in order c) all qualities 35. Take to heels.	a) to disturb c) to follow 34. Spick and span.	a) in brief c) rapidly 33. Take up the cudgels.	a) would c) had 32. Leaps and bounds.	31. You will have to catch the morning flight, so you.	a) on c) for	29. I brought him
b) amazing d) feel good factor	way	b) disorder d) no quality .bcano	d) to support d) to appreciate tesnepa	b) delay d) financial crisis al.com	b) should d) may	morning flight, so youbetter	b) to d) with	with great difficulty. b) about d) in the case.

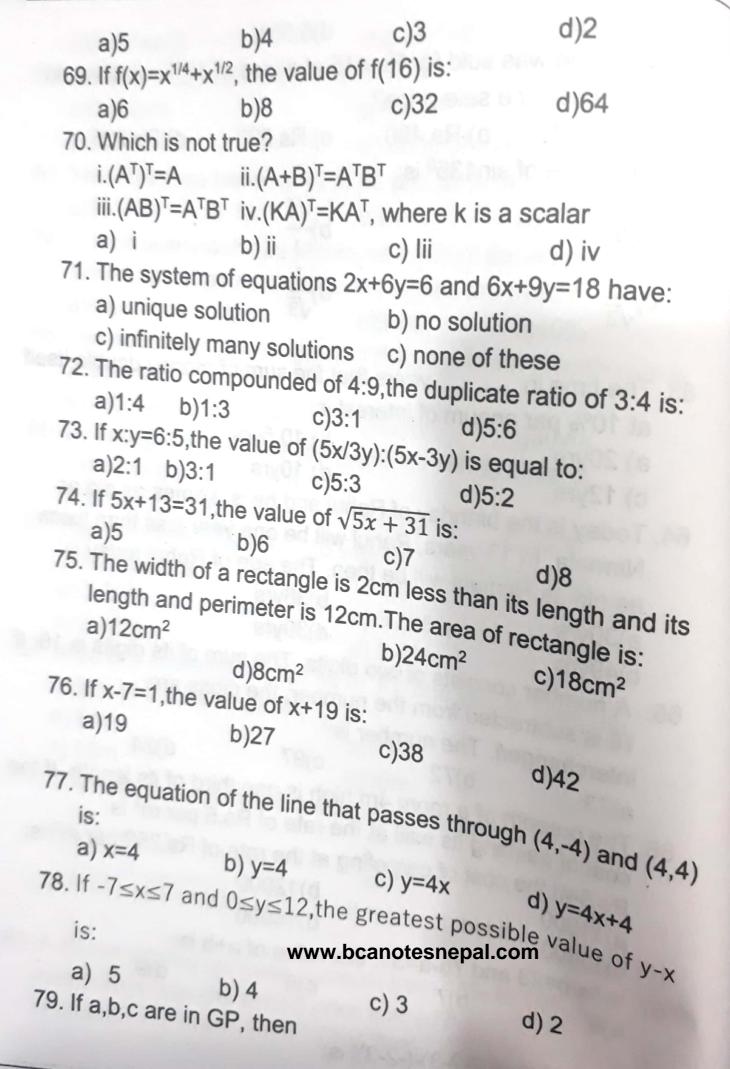
Group-B[Mathematics]

41 The slope	of the straight	line that	
1,0) and	(3.8) is:	line that passe	s through the point (-
a)2	b)4	6)6	-1/0
	ability of sample	c)6	d)8
a)0	b)1		4/0 (1)
,		c)2 of set of order 5	d)3
a)16	b)32	man try arms. The	
2014 No. 1		c)8	d)24
44. The value	e of $\frac{\sqrt{3}}{\sqrt{9}}$ is:		
a) rationa	al number	b) irration	al number
c) imagir	nary number	d) none o	
		then $f(\sqrt{5})$ is eq	
a)0	()	b) 5	neg ent mit
c)10		d) none o	of these
,	of 1st n natura		5, the value of n is:
a)10	b)12	c)14	d)16
,	e of tan 60° is:		notesnepal.com
	$\sqrt{3}$	WWW.DCa	
a)½	$b)\frac{\sqrt{3}}{2}$	c)√3	d)1
48. If A and	B are arbitrary	square matrice	s of same order, then:
a) (AB) =	AB I	o) (AB) = A B	
c) A'B'=	B'A'	d) (A+B)=A-B	
49. A room	is 12m long an	d 10m wide. If t	he area of 4 walls is
	he height of the		
a)5m ²		b)4m	
c)3m ²		d)6m	
	ue of 212+212+2		
a)2 ¹⁴	b)4 ¹⁶		d)2 ⁴⁸
		singular matrice	THE RESERVE OF THE PARTY OF THE
	1=A-1B-1		o) AB=BA



	c)6.88%	d)5.63%	
61.	An article was sold for Rs.415 have been the sale price?	at a loss of 17	%, what would
	a) Rs.475 b) Rs.490	c) Rs.500	d) Rs.525
62.	The value of sin135° is:	i to	
	a)½	$b)\frac{\sqrt{3}}{2}$	
	$c)\frac{1}{\sqrt{2}}$	$d)\frac{1}{\sqrt{3}}$	
		w.bcanotesnep	
63.	The time in years that		oney double itself
	at 10% per annum of interest	is:	
	a) 20yrs	b) 10.5yrs	
	c) 12yrs	d) 10yrs	
64.	Today is the birthday of Rahi		
	Nirmala. In 13 years, Rahul v		
	as old as Nirmala will be then	n. The age of F	Rahul today is:
	a)30yrs	b)36yrs	
	c)49yrs	d)30yrs	
65.	A number consists of two di	gits. The sum of	of its digits is 16. If
	18 is subtracted from the nui	mber, the digits	s are
	interchanged. The number is	:	
	a)73 b)72	c)97	d)24
66.	The breadth of a room 4m h	igh is one third	of its length. If the
	cost of painting its wall at the	e rate of Rs.5 p	per m ² is
	Rs.640, the cost of carpeting	at the rate of I	Rs.250 per m ² is:
	a)11000	b)12000	
	c)13000	d)14000	
67.	If 7a-b=23 and 7b-a=31, the		s:
	a)6 b)7	c)8	d)9
00		MANANA DO	anotoenonal com

68. The value of |(-2-3)-(-2-3)| is:



a) b ² =ac	b) $b(a^2+c^2)=a(a^2+b^2)$
c) $b=(a+b)/2$	d) none of these
80. If 13,p,q,r and 29 are in AP,t	he value of p,q and r are:
a) 17,21,25	b)17,22,23
c) 11,19,21	d) none of these
81. What price should a shopker	eper mark on an article, coming
him Rs.153 to gain 20%, afte	er allowing a discount of 15%?
a) Rs.224	b) Rs.216
c) Rs.154	d) Rs.162
82. A sold an article with Rs.250	profit which is 15% in
equivalent. The cost price of	
a) Rs.1688.8	b) Rs.1666.67
c) Rs.1676.70	d) Rs.1677.70
83. Ramita sold a skirt for Rs.50	
the cost price. The cost price	
a) 605 b)556	c)506 d)600
HENRY OF THE PROPERTY OF THE P	arkina in
84. A dealer marks his goods 6	60% above the cost price. What
	allowed, if he makes a profit of
20% only? www.bc	The state of the s
a) 20%	b) 25%
c) 12%	d) 30%
85. If 20% discount was given of	
	of main books costing Ns.250,
the selling price S.P is:	h) Do 100
a) Rs.150	b) Rs.100
c) Rs.250	d) Rs.200
86. If $A = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$, the value of A^5	is
a) $\begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$ b) $\begin{pmatrix} -1 & 0 \\ 0 & 1 \end{pmatrix}$	c) $\frac{1}{2}$ d) $\frac{2}{3}$
0 1	
87. The number of solutions 2x	
a)0 b)1	c)2 d)3

88. Shyam lost 15% by selling he much he must have sold it to a) Rs184 c) Rs.230 89. If a plot is for Rs.18,700, the price at which it must be sol a) Rs.27000 c) Rs.29000 90. The selling price of four articles. The gain is: a) 20% c) 28%	b) Rs.194 d) Rs.224 e owner losses 15%. Find the d to gain 25%? b) Rs.27500
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Group-CI	General Knowledge]
91. The famous Manakamana T a) Gorkha	**Nowledge
a) Gorkha	emple is situated in:
c) Tanahun	b) Chitwan
92. The Effiel tower:	1) -
92. The Effiel tower is situated in a) London	1: /
	b) Tokyo
c) Paris	d) Madrid
of the following is not	programming
93. Which of the following is not a) C#	b) JAVA
94. The largest network category a) LAN	/ based on an
a) LAN	b) MAN
c) WAN	d) none of the
95. How many permanent memb	ers are the
95. How many permanent membor of UN?	ors are there in security cours
DIII	-11
96. Rafael Nadal is associated w	c)4 d)5
accounted W	III.

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a) Cricket	b) Lawn Tennis	
c) Hockey	d) Wrestling	
97. The first President of Nep	al is:	
a) Bidhya Devi Bhandari		
b) Pushpa kamal Dahal		
c) Sher Bahadur Deuba		
d) Dr. Ram Baran Yadav		
98. The letter 's' in HTTPs un	nderstands for:	
a) Scared	b) Secured	
c) Shape	d) Shine	
99. Who is the captain of Ne	pal's National Cricket team?	
a) Anil Gurung	b) Gyanendra Malla	
c) Rohit Poudel	d) Parash Khadka	
100, Which city is known as		
	b) New York	
a) Phuket	d) Rome	
c) Kathmandu	d) None	

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10.0	20.c	30.b	40	50.a	а 60.а	a 70.c	a 80.a	d.09	100°C
9.9	19.b	29.9	39	49.b	59.a	69.a	79.a	89.b	p.66
8.d	18.d	28.b	38	48.b	58.b	68.с	78.a	88.c	98.b
p.7	17.c	27.d	37	47.c	57.a	p.79	77.a	87.b	97.d
6.b	16.d	26.b	36.c	46.a	56.c	999	76.b	86.a	96.b
5.b	В	25.a	35.b	45.a	55.c	65.с	75.c	85.d	95.d
4 c	14.c	24.c	34.a	44.a	54.d	64.d	74.c	84.a	94.c
7		23.b	33.b	43.b	53.b	63.d	73.b	83.b	93.d
	12.d	22.d	32.c	42.b	52.c	62.c	72.d	82.c	92.c
1	11.0 11.d		31.b	41. a	51.d	61.0	71.a	81.b	6 10