#### **SET**-"Y"

(Total No. of Printed Pages : 16)

(DO NOT OPEN THIS QUESTION BOOKLET BEFORE TIME OR UNTIL YOU ARE ASKED TO DO SO)

#### (BCA-EE-June, 2023)



#### BACHELOR OF COMPUTER APPLICATION

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Sr.	No.	 	JU	b	J

Time: 1¼ Hours	<b>Total Questions : 100</b>	Max. Marks : 100
Roll No	_ (in figure)	(in words)
Name :	Date of Birth :	
Father's Name :	Mother's Name :	
Date of Examination :	· 	

(Signature of the candidate)

(Signature of the Invigilator)

#### CANDIDATES MUST READ THE FOLLOWING INFORMATION/ INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

- 1. All questions are compulsory.
- 2. The candidates must return the Question book-let as well as OMR answer-sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfair-means / mis-behaviour will be registered against him / her, in addition to lodging of an FIR with the police. Further the answer-sheet of such a candidate will not be evaluated.
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- 4. Question Booklet along-with answer key of all the A,B,C and D code shall be got uploaded on the University Website immediately after the conduct of Entrance Examination. Candidates may raise valid objection/complaint in any, with regard to discrepancy in the question booklet/answer key within 24 hours of uploading the same on the University Website. The complaint be sent by the students to the Controller of Examinations by hand or through email. Thereafter, no complaint in any case will be considered.
- 5. The candidate MUST NOT do any rough work or writing in the OMR Answer-Sheet. Rough work, if any, may be done in the question booklet itself. Answer MUST NOT be ticked in the Question booklet.
- 6. There will be no negative marking. Each correct answer will be awarded one full mark. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer.
- 7. Use only Black or Blue <u>BALL POINT PEN</u> of good quality in the OMR Answer-Sheet.
- 8. BEFORE ANSWERING THE QUESTIONS, THE CANDIDATES SHOULD ENSURE THAT THEY HAVE BEEN SUPPLIED CORRECT AND COMPLETE BOOK-LET. COMPLAINTS, IF ANY, REGARDING MISPRINTING ETC. WILL NOT BE ENTERTAINED 30 MINUTES AFTER STARTING OF THE EXAMINATION.



Question No.	Que	estio	ons
1.	Recently which country successfully test-fired the supersonic cruise missile BrahMos ?		
	(1) India	(2)	Nepal
	(3) Pakistan	(4)	Bangladesh
2.	Which gas is used in the refrig	gerat	or ?
	(1) Oxygen	(2)	Nitrogen
	(3) Carbon	(4)	Freon
3.	Which one is the largest ocean	in t	he world ?
	(1) Atlantic Ocean	(2)	Indian Ocean
	(3) Pacific Ocean	(4)	Arctic Ocean
4.	Who discovered penicillin ?		
	(1) Alexander Fleming	(2)	Albert Einstein
	(3) Isaac Newton	(4)	Thomas Edison
5.	Which planet is known as the "Red Planet" ?		
	(1) Venus	(2)	Mars
	(3) Jupiter	(4)	Saturn
6.	Who is the discoverer of electrony	rons	?
	(1) J. J. Thomson	(2)	Kalam Azad
	(3) J. Thomas	(4)	Darwin
7.	Who is the current Prime Min	ister	of the United Kingdom ?
	(1) Rishi Sunak	(2)	Angela Merkel
	(3) Justin Trudeau	(4)	Boris Johnson

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-A
(1)

Question No.	Questions
8.	Apart from the national anthem of India, Rabindranath Tagore wrote the national anthem of which one other country ?
	(1) China (2) Pakistan
	(3) Sri Lanka (4) Bangladesh
9.	When did Nagaland become a formal state of India ?
	(1) 1963 (2) 1964
	(3) 1965 (4) 1969
10.	When was the "National Vayoshri Yojana" launched ?
<i>¥</i>	(1) $1^{st}$ April 2016 (2) $1^{st}$ July 2016
	(3) 1 <sup>st</sup> July 2017 (4) 1 <sup>st</sup> April 2017
11.	If A implies B, and B implies C, what can you conclude ?
,	(1) A implies C (2) C implies A
	(3) A is true (4) B is false
12.	What is the missing number in the sequence : 2, 4, 6, 8,, 12, 14?
	(1) 9 (2) 10
	(3) 11 (4) 13
13.	Choose a word that is different from the rest
	(1) Chicken (2) Snake
	(3) Frog (4) Swan
14.	FBG, GBF, HBI, IBH,?
	(1) HBL (2) HBK
	(3) JBK (4) JBI
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Questio No.	Questions
15.	Which alternative will replace the question mark?
	Cup:Lip::Bird:?
	(1) Bush (2) Grass (3) Forest (4) Beak
16.	Look at this series : 8, 6, 9, 23, 87, what number should come next?
	(1) 126 (2) 224 (3) 324 (4) 429
17.	Arrange the words given below in a meaningful sequence.
	a. Police, b. Punishment, c. Crime, d. Judge, e. Judgment
	(1) c, a, b, d, e (2) a, b, d, c, e
6	(3) e, d, c, b, a (4) c, a, d, e, b
18.	Statements :
	I - The government has imposed a fine on people who litter in public places.
	<li>II - The Cleanliness of public places has improved significantly in the recent past.</li>
	(1) Statement I is the cause and statement II is its effect.
ъ.	(2) Statement II is the cause and statement I is its effect.
	(3) Both statements I and II are independent causes.
	(4) Both statements I and II are effects of independent causes.
19.	Choose the odd number from the given list-
	(1) 17 (2) 13 (3) 27 (4) 19
20.	Statements :
	I - The importance of meditation is being realized by all sections of society.
	II - There is an increasing awareness about mental and physical health in society, particularly among middle-aged groups of people.
	(1) Statement -II is the common effect and statement I is the independent cause.
	(2) Statement-I is the effect and statement-II in its cause.
	(3) Statements I and II are different independent causes.
	(4) Statements I and II are effects of independent causes
A-EF	

Question No	Questions
21.	What is the smallest unit of living organisms ?(1) Cell(2) Atom(3) Molecules(4) Organism
22.	What is the process by which a solid changes directly into the going through the liquid state ?(1) Sublimation(2) Evaporation(3) Condensation(4) Melting
23.	Which is the most abundant naturally occurring gas in the Earth's atmosphere ? (1) Nitrogen (2) Oxygen
	(1)     Nullogen       (3)     Carbon Dioxide       (4)     Argon
24.	Which of the following is a renewable source of energy ?(1) Coal(2) Natural Gas(3) Solar Power(4) Petroleum
25.	<ul> <li>What is the process by which plants convert sunlight into chemical energy?</li> <li>(1) Photosynthesis (2) Respiration</li> <li>(3) Transpiration (4) Germination</li> </ul>
26.	What is the Human Body's largest organ? (1) Skip (2) Heart (3) Liver (4) Brain
27.	What is the largest planet in our solar system? (1) Earth (2) Jupiter (3) Mars (4) Saturn
28.	<ul> <li>(1) Earth (2) Compared to the velocity of a heavy body when it undergoes an elastic collision in one dimension with a very light body at rest?</li> <li>(1) it stops and comes to rest</li> <li>(2) it keeps on moving with the same velocity</li> <li>(3) it starts moving with half of its initial velocity</li> <li>(4) it rebounds with the same velocity</li> </ul>

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-A

No.	Questions	
29.	Which of the following principles is used to define the First 1 Thermodynamics?	aw c
	(1) Conservation of Mass	
	(2) Conservation of Energy	,
	(3) Conservation of Momentum	
	(4) Conservation of Charge	
30.	Which of the following is correct about Convection ?	
	(1) It is possible in solids only	
	(2) It is possible in fluids only	
	(3) It is possible in solids and gases only	
	(4) None of the above	
31.	The highest common factor (HCF) of the two numbers is 6, and their common multiple (LCM) is 72. What are the two numbers ?	least
	(1) 9 and 16 (2) 12 and 18	
	(3) 24 and 36 (4) 6 and 12	
32.	Which of the following numbers is a terminating decimal ?	
	(1) 1/3 (2) 1/7 (3) 1/8 (4) 1/5	
33.	The sum of two consecutive odd numbers is 44. What are the number	s?
(	$(1)  21, 23 \qquad (2)  22, 24$	
(	(3) 23, 25 (4) 24, 26	
34.   F   6	Find the smallest square number which is divisible by each of the num 6, 9 and 15.	bers
	(1) 000 (2) 700 (2) 600 (4) 000	

<u>Set-"Y"</u>

<u>Set–"Υ"</u> Code–A

Question No.		Questions
35.	The sum of the ages of a fa father's age was four tim ages ?	ather and his son is 50 years. Five years ago, the les the age of the son. What are their current
	(1) Father : 35 years, So	n : 15 years
	(2) Father : 40 years, So	n : 10 years
	<ul><li>(3) Father : 45 years, So</li><li>(4) Father : 50 years, So</li></ul>	n : 5 years n : 0 years
36.	A can complete a task in long will it take for both A	6 days, while B can complete it in 8 days. How A and B to complete the task working together ?
	(1) 2 days	(2) 3 days
	(3) 4 days	(4) 5 days
37.	Solve the following equation	on : $3(x + 4) - 2(2x - 1) = 5(x - 2) + 6$ .
	(1) $x = 2$	(2) $x = 3$
	(3) $x = 4$	(4) $x = 5$
38.	The earnings of Rohan Rs. 1,91,520/- per year. If t Rs. 9,960/ What is the ra	n are Rs. 12,000/- per month and Anish's the monthly expenses of every person are around tio of their savings ?
	(1) 10:15	(2) 17:50
	(3) 15:10	(4) 17:40
39.	Two numbers are in the r are the numbers ?	atio 2 : 3. If the sum of two numbers is 60, what
	(1) 26 and 30	(2) 20 and 40
	(3) 35 and 25	(4) 24 and 36
40.	A box contains 30 red ball randomly selected, what i	s, 40 blue balls, and 50 green balls. If one ball is s the probability of selecting a red ball ?
	(1) 1/3 (2) 1/2	(3) 3/5 (4) 3/7

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luestion No.		Questi	ons		
41.	A person crosses per hour ?	a 600m long stre	et in 5 minutes. '	What is his speed in	n km
	(1) 3.6 (2	2) 7.2 (3)	) 8.4	(4) 10	
42.	A train can trav same time and re way, however, th stations. The spe	el 50% faster tha each point B 75 k he train lost abo eed of the car is .	n a car. Both stan away from A a ut 12.5 minutes	art from point A at t the same time. On while stopping at	the the the
	(1) 100 kmph	(2)	$110\mathrm{kmph}$	, ,	
	(3) 120 kmph	(4)	$130\mathrm{kmph}$		
43.	The ratio between 400km in 4 hours (1) 70 kmph (3) 84 kmph	n the speeds of tw s, then the speed (2) (4)	o trains is 7 : 8. ] of the first train 75 kmph 87.5 kmph	If the second train r is :	runs
44.	Arun purchased 3 wheat at the rat mixture. Approxi make 30% profit 3	30 kg of wheat at e of Rs. 14.25 pe mately what pric ?	the rate of Rs. 11 er kg. He mixed e per kg should	.50 per kg and 20 k the two and sold he sell the mixtur	the the to
	(1) 14.80	(2)	15.40		
	(3) 15.60	(4)	16.40		
45.	A tradesman allo above the cost pri	ows a discount of ce should he mar	15% on the wri k his goods to m	tten price. How my	uch ?
46	$\frac{(1)  20\%}{\text{Salarma f } V}  (2)$	<u>40% (3)</u>	30%	(4) 25%	
10.	percentage of his	rise in salary is	Irom Rs. 2,500	/- to Rs. 2,800/ ]	Гhе
	(1) 10% (2)	20% (3)	12%	(4) 15%	
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UA-EE	-June, 2023 (I	Bachelor of Co	mputer Appl	ication) Code-A	

(7)

# <u>Set–"Y"</u> Code–A

Question No.	6	luestions
47.	The percentage of 1/20 is	
	(1) 20%	(2) 5%
	(3) .20%	(4) 10%
48.	White colour is formed y proportion ?	when primary colours are mixed in what
	(1) $30:11:59$	(2) $29:12:59$
	(3) 30:12:59	(4) 29:11:59
49.	A number has two digits. The value of the second se	ne digit in its unit place is x and the digit in its If the number is
	(1) $10x + y$	(2) $x + 10y$
	(3) yx	(4) xy
50.	Fifteen years from now Rav is Ravi's present age ?	i's age will be four times his present age. What
	(1) 5 (2) 8	(3) 7 (4) 3
51.	Two squares have sides x cr $cm^2$ . Find the sides of the so	n and (x + 4) cm. The sum of their areas is 656 quare
	(1) 8 cm, 12 cm	(2) $12 \text{ cm}, 15 \text{ cm}$
	(3) 6 cm, 10 cm	(4) $16 \text{ cm}, 20 \text{ cm}$
52.	If $A : B = 3 : 4$ and $B : C = 5$	$: 6. $ what is $A \cdot C ^{2}$
	(1) 5:8	(2) 3:6
	(3) 3:5	(4) 4:6
53.	The sum of two numbers is	40 and 41
	(1) 9:11	40 and the difference is 4. Find their ratio :
	(3) 1:10	(2) 11:9
		(4) $10:1$
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		(8) (8) (8) (8) (8) (8) (8) (8) (8) (8)

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No.	Questi	ons
54.	If 1500 litres of water are pumped to pump out 15,000 litres of water	out in 3 hours, how much time is required ? ?
	(1) $30 \text{ hrs}$ (2)	25 hrs
	(3) $20 \text{ hrs}$ (4)	$15  \mathrm{hrs}$
55.	If a work is competed in 12 days by the same piece of work ?	16 men, how long will 32 men take to do
	(1) 6 days (2)	8 days
	(3) 5 days (4)	4 days
56.	A train 150m long passes a telegr will it pass a bridge 250m long ?	aphic post in 12 seconds. In what time
	(1) 36 seconds (2)	32 seconds
	(3) 18 seconds (4)	24 seconds
57.	If 4 men or 7 boys can do a work in 8 boys take to do the same work ?	29 days then what time will 12 men and
	(1) 7 days (2) 8 days (3)	6 days (4) 9 days
58.	A, B, C are employed to do a piece are supposed to do 19/23 of the w work, what should A be paid ?	e of work for Rs. 529. A and B together vork and B and C together 8/23 of the
	(1) Rs. $245$ (2)	Rs. 345
	(3) Rs. 545 (4)	Rs. 329
59.	At an election, a candidate secures other candidate by a majority of 29 recorded.	40% of the votes but is defeated by the 98 votes. Find the total number of votes
	(1) 1290 (2)	1190
	(3) 1390 (4)	1490
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<u>Set-"Y"</u>

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-A (9)

Question No.	Questions
60.	When 75% of a number is added to 75, the result is the number again. Find the number.
	(1) 250 (2) 400
	(3) 300 (4) 200
61.	Which of these parts would interpret a program's instructions to initiate the control operations ?
	(1) Logic unit (2) Control unit
	(3) Storage unit (4) Input
62.	Which of these output devices are used for the translation of information from any computer into a pictorial form on the papers ?
	(1) Card punch (2) Touch panel
	(3) Plotter (4) Mouse
63.	One packet on any data link is called :
	(1) Group (2) Block
	(3) Frame (4) Path
64.	Computer's basic architecture was developed by
	(1) John Von Neumann (2) Charles Babbage
	(3) Blaise Pascal (4) Jordan Murn
65.	What access method do we use to obtain any record out of a cassette tape ?
	(1) Random (2) Direct
	(3) Sequential (4) All of the above

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-A
(10)

Question No.	Questions										
66.	Th a h	The computer-assisted method that helps in the recording and analysis of a hypothetical or an existing system is known as :									
	(1)	Data pr	ocess	ing		(2)	Data captu	re			
	(3)	Data flo	W			(4)	Data trans	missio	on	an and a function of the second second	00000010000000000000000000000000000000
67.	Internal memory in a CPU is nothing but										
	(1)	A set of	regis	sters		(2)	A set of AL	.U			
	(3)	Micropr	ocess	sor		(4)	Bus				
68.	Pro	ogram stor	red in	ROM a	are ca	lled					
	(1)	Hardwa	re	·		(2)	Firmware				
	(3)	Software	<u>9</u>			(4)	None of the	ese			
69.	A computer cannot "boot" if it does not have the										
	(1)	Compile	1.			(2)	Loader				
	(3)	Operatir	ng Sy	stem	20	(4)	Assembler				
70.	Various applications and documents are represented on the windows desktop by										
	(1)	Symbols	(2)	Labels		(3)	Graphs		(4)	Icons	
71.	bar contains the name of the program a computer user is working with.										
	(1)	Menu	(2)	Tools		(3)	Title		(4)	Scrol	1
72.	WW	W is base	d on	which n	nodel	?					
	(1)	Local Se	rver		2	(2)	3-tier				
	(3)	Client Se	erver			(4)	None of the	ese			
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BCA-EE-June, 2023 (Bachelor of Computer Application) Code-A (11)

Question No.	Questio	ns				
73.	First computer network of the world is					
	(1) INET (2)	NSFNet				
	(3) ARPANET (4)	Vnet				
74.	Which of the following protocol set	the standards for www and a website ?				
	(1) FTP (2) HTTP (3)	SMTP (4) TCP/IP				
75.	Which of the following is not a sear	ch engine ?				
	(1) Google (2) Yahoo (3)	Bing (4) Windows				
	Directions for Q. 76 and Q. 77 :					
	Find out the most similar meaning iven below questions.	ng for the <b>underlined words</b> in the				
76.	This world will be short of one pers	son and his/her <u>contribution</u> .				
	(1) Supplication (2)	Provision				
	(3) Input (4)	Participation				
77.	How can a mother <u>afford</u> to be diff	erent ?				
	(1) Bear (2) Provide (3)	Give (4) Supply				
	Directions for Q. 78 and Q. 79 :					
	Find out the most opposite mean given below questions.	ing for the underlined words in the				
78.	The connection is cut off and that	part becomes <u>numb</u> .				
	(1) Lively (2) Responsive (3)	Sensitive (4) Active				
79.	Soon it becomes an <u>obsession</u> ?					
	(1) Interest (2) Passion (3)	Indifference (4) Pressure				
	Directions for Q. 80 and Q.81 :					
	Fill in the blank with suitable prep	osition.				
80.	I cannot agree wh	atever you say.				
	(1) with (2) by (3)	at (4) to				
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BCA-EE-June, 2023 (Bachelor of Computer Application) Code-A
(12)

## <u>Set–"Y"</u> Code–A

Question No.	Questions						
81.	It rained four hours this morning.						
	(1) for (2) since (3) by (4) at						
	Directions for Q. 82 and Q. 83						
	Fill in the blank with suitable past tense verb.						
82.	The cat (kill) the rat.						
	(1) is killing (2) was killed (3) killed (4) will kill						
83.	It (rain) since 5 pm.						
	(1) has been raining (2) rains						
	(3) is raining (4) was raining						
84.	Select the correct tense form :						
	The train had left.						
	(1) Past perfect (2) Simple past						
	(3) Present perfect (4) Past continuous						
	Directions for Q. 85 and Q. 86 :						
	Select the correct answer given under each passage.						
85.	Refrigerators were considered as luxurious as they were costly and so the rich houses only could afford a fridge. Now-a-days they are no longer luxuries. They are necessary.						
	Refrigerators were in the past. Select the correct answer.						
	(1) Cheap (2) Very cheap (3) Costly (4) More costly						
86.	Comets are luminous celestial bodies moving round the sun. If sny comet is sighted, it is believed that it signals the death of a royal figure. It is considered a superstition.						
	The blind belief is called Select the correct answer.						
	(1) False belief (2) Superstition						
	(3) Wrong belief (4) Bad signal						
BCA-E	E-June, 2023 (Bachelor of Computer Application) Code-A						

(13)

Question	Code-A
No.	Questions
87.	Select the correct sentence.(1) Candy taste sweet(2) Candy tastes sweet(3) Candy tastes sweets(4) Candy taste sweets
88.	Select the correct sentence.(1) The camera no work(2) The camera did no work(3) The camera does not work(4) The camera no works
89.	Directions for Q. 89 and Q. 90 : Out of the given alternatives suggested select the one which best expresses the same sentence in indirect/direct speech. Aditya said to me, "I want to learn French".
	<ol> <li>Aditya told to me that he wanted to learn French</li> <li>Aditya told me that he wanted to learn French</li> <li>Aditya told me that he had wanted to learn French</li> <li>Aditya asked me that he wanted to learn French</li> </ol>
90.	<ol> <li>I said to him, "I will do it for you."</li> <li>(1) I told him that me would do it for him</li> <li>(2) I told him that I would do that for him</li> <li>(3) I told him that I would done that for him</li> <li>(4) I told him that I would have done that for him</li> </ol>
91.	Directions for Q. 91 to Q. 94 :In these questions, some sentences are given with blanks to be filled with an appropriate word(s). Four alternatives are suggested for each question Choose the correct alternative one of the four.We have noticed immense decline his moral.(1) with(2) up(3) to(4) in

(14)

Questions
We shall fail we are industrious.(1) even(2) unless(3) whether(4) until
Please make yourself home
(1) with (2) at (3) in (4) on $(4)$
The flash of the torch a cobra
<ul> <li>(1) exposed</li> <li>(2) displayed</li> <li>(3) disclosed</li> <li>(4) revealed</li> </ul>
Choose the appropriate conjunction for the following sentence :
He is not ready to play his friend plays.
(1) but       (2) unless         (3) and       (4) yet
Fill in with suitable conjunction.
He advanced he could.
(1) until (2) while
(3) as (4) as far as
Directions:Choose the appropriate option that fills in the given sentence correctly :

<u>Set-"Y"</u>

(15)

Question No.	Questions					
98.	Reading Comprehension Passage:					
	"Education is the key to success. It provides knowledge, skills, and opportunities for personal growth. With education, individuals can break barriers and achieve their goals. It opens doors to new possibilities and empowers people to make a positive difference in society."					
	What does education provide ?					
	(1) Success					
	(2) Barriers					
	(3) Skills and knowledge					
	(4) Personal growth					
99.	<ul> <li><u>Paragraph Completion</u>: Complete the paragraph with the most appropriate sentence:</li> <li>"The environment plays a vital role in our lives. It provides us with resources and sustains life on Earth. However, human activities have led to</li></ul>					
	(4) bloalversity conservation					
100.	Spelling Test : Choose the correctly spelled word :					
	(1) Acqaintance					
	(2) Aqcuaintance					
	(3) Acquaintance					
	(4) Aquaintance					
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BCA-EE-June, 2023 (Bachelor of Computer Application) Code-A (16)

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	(BCA-EE-J	une, 2023)	
Code <b>B</b>	BACHEI COMPUTER A	Sr. No. <u>1110</u> 2	
Time: 1¼ Hours	<b>Total Quest</b>	tions : 100	Max. Marks : 100
Roll No	(in figure)		(in words)
Name :		Date of Birth :	-
Father's Name :		Mother's Name :_	
Date of Examination :	10		
(Signature of the candida	te)	(Signatu	re of the Invigilator)

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- 6. There will be no negative marking. Each correct answer will be awarded one full mark. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer.
- 7. Use only Black or Blue <u>BALL POINT PEN</u> of good quality in the OMR Answer-Sheet.
- 8. BEFORE ANSWERING THE QUESTIONS, THE CANDIDATES SHOULD ENSURE THAT THEY HAVE BEEN SUPPLIED CORRECT AND COMPLETE BOOK-LET. COMPLAINTS, IF ANY, REGARDING MISPRINTING ETC. WILL NOT BE ENTERTAINED 30 MINUTES AFTER STARTING OF THE EXAMINATION.



Question No.	Questions
1.	A person crosses a 600m long street in 5 minutes. What is his speed in km per hour ?
	(1) 3.6 (2) 7.2 (3) 8.4 (4) 10
2.	A train can travel 50% faster than a car. Both start from point A at the same time and reach point B 75 km away from A at the same time. On the way, however, the train lost about 12.5 minutes while stopping at the stations. The speed of the car is
1 1	(1) 100 kmph (2) 110 kmph
	(3) 120 kmph (4) 130 kmph
3.	The ratio between the speeds of two trains is 7 : 8. If the second train runs400km in 4 hours, then the speed of the first train is :(1) 70 kmph(2) 75 kmph
. ÷	(3) 84 kmph (4) 87.5 kmph
4.	Arun purchased 30 kg of wheat at the rate of Rs. 11.50 per kg and 20 kg of wheat at the rate of Rs. 14.25 per kg. He mixed the two and sold the mixture. Approximately what price per kg should he sell the mixture to make 30% profit ? (1) 14.80 (2) 15.40
	(3) 15.60   (4) 16.40
5.	A tradesman allows a discount of 15% on the written price. How much above the cost price should he mark his goods to make a profit of 19% ?
	(1) 20% (2) 40% (3) 30% (4) 25%
6.	Salary of Kumar was increased from Rs. 2,500/- to Rs. 2,800/ The percentage of his rise in salary is
8	(1) 10% (2) 20% (3) 12% (4) 15%
BCA-H	EE-June, 2023 (Bachelor of Computer Application) Code-B

Code-B

No.	Qu	estions
7.	The percentage of 1/20 is	
	(1) 20%	(2) 5%
	(3) .20%	(4) 10%
8.	White colour is formed wh proportion ?	en primary colours are mixed in what
	(1) 30:11:59	(2) 29:12:59
	(3) 30:12:59	(4) 29:11:59
9.	A number has two digits. The ten's place is y. The value of t	digit in its unit place is x and the digit in it he number is
	(1) $10x + y$	(2) $x + 10y$
	(3) yx	(4) xy
10.	Fifteen years from now Ravi's is Ravi's present age ?	age will be four times his present age. Wh
	(1) 5 (2) 8	(3) 7 (4) 3
11.	bar contains the name with.	e of the program a computer user is worki
	(1) Menu (2) Tools	(3) Title (4) Scroll
12.	WWW is based on which mode	el ?
	(1) Local Server	(2) 3-tier
	(3) Client Server	(4) None of these
13.	First computer network of the	e world is
	(1) INET	(2) NSFNet
а. А. П. А.	(3) ARPANET	(4) Vnet
14.	Which of the following protoco	ol set the standards for www and a websi
,	(1) FTP (2) HTTP	(3) SMTP (4) TCP/IP
A-EF	-June, 2023 (Bachelor o	of Computer Application) Code-H
		(2)

Question	Questions
15.	Which of the following is not a search engine ?(1) Google(2) Yahoo(3) Bing(4) Windows
16.	Directions for Q. 16 and Q. 17 :         Find out the most similar meaning for the underlined words in the given below questions.         This world will be short of one person and his/her contribution.         (1) Supplication       (2) Provision         (3) Input       (4) Participation
17.	How can a mother <u>allord</u> to be difference (1) Provide (3) Give (4) Supply
	Directions for Q. 18 and Q. 19: Directions for Q. 18 and Q. 19: Find out the most opposite meaning for the underlined words in the given below questions.
18.	The connection is cut off and that part becomes <u>nume</u> . (1) Lively (2) Responsive (3) Sensitive (4) Active
19.	Soon it becomes an <u>obsession</u> : (1) Interest (2) Passion (3) Indifference (4) Pressure
20.	Directions for Q. 20 :         Directions for Q. 20 :         Fill in the blank with suitable preposition.         I cannot agree
	Directions for Q. 21 to Q. 24. In these questions, some sentences are given with blanks to be filled with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative one of the four. We have noticed immense decline his moral. (4) in
21.	(1) with (2) up (3) to (1) hall fail we are industrious.
22.	(2) unless (1) even (4) until
	(1) even (4) until (3) whether (4) until
CA-EF	E-June, 2023 (Bachelor of Computer Application) Code 2

## <u>Set-"γ</u> Code-B

Question No.		Qu	estio	ons			
23.	Plea	ase make yourself h	ome.				
	(1)	with	(2)	at			
	(3)	in	(4)	on			
24.	The flash of the torch a cobra.						
	(1)	exposed	(2)	displayed			
	(3)	disclosed	(4)	revealed			
25.	Cho	ose the appropriate conju	inctio	n for the following sentence :			
	He	is not ready to play h	nis frie	end plays.			
	(1)	but	(2)	unless			
2	(3)	and	(4)	yet			
26.	Fill	in with suitable conjunction	on.				
	He	advanced he could.		*			
	(1)	until	(2)	while			
	· (3)	as .	(4)	as far as			
27.	Dir	ections:					
	Cho	oose the appropriate optio	n tha	t fills in the given sentence correctly :			
		you have come to offic	e; you	1 may as well complete the backlog.			
	(1)	and	(2)	but			
	(3)	since	(4)	for instance			
BCA-F	EE-J	une, 2023 (Bachelor	of Co	omputer Application) Code-B			

# Set-"Y Code-B Questions Reading Comprehension Passage: "Education is the key to success. It provides knowledge, skills, and opportunities for personal growth. With education, individuals can break barriers and achieve their goals. It opens doors to new possibilities and empowers people to make a positive difference in society."

(3) Skills and knowledge

What does education provide?

(4) Personal growth

Success

(2) Barriers

(1)

Juestion

No.

28.

- Paragraph Completion : Complete the paragraph with the most 29.appropriate sentence :
  - "The environment plays a vital role in our lives. It provides us with resources and sustains life on Earth. However, human activities have led
  - (1) pollution and deforestation
  - (2) technological advancements
  - global peace and harmony (3)
  - biodiversity conservation (4)
- Spelling Test : Choose the correctly spelled word : 30.
  - (1) Acquintance
  - (2)Aqcuaintance
  - (3) Acquaintance
  - (4)Aquaintance

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-B (5)

# <u>Set-"y</u> Code-B

No.	Questions						
31.	Recently which country successfully test-fired the supersonic cruise missile BrahMos ?						
	(1) India (2) Nepal						
	(3) Pakistan (4) Bangladesh						
32.	Which gas is used in the refrigerator ?						
	(1) Oxygen (2) Nitrogen						
	(3) Carbon (4) Freon						
33.	Which one is the largest ocean in the world?						
	(1) Atlantic Ocean (2) Indian Ocean						
	(3) Pacific Ocean (4) Arctic Ocean						
34.	Who discovered penicillin ?						
	(1) Alexander Fleming (2) Albert Einstein						
2.74	(3) Isaac Newton (4) Thomas Edison						
35.	Which planet is known as the "Red Planet" ?						
	(1) Venus (2) Mars						
	(3) Jupiter (4) Saturn						
36.	Who is the discoverer of electrons ?						
	(1) J. J. Thomson (2) Kalam Azad						
	(3) J. Thomas (4) Darwin						
37.	Who is the current Prime Minister of the United Kingdom ?						
	(1) Rishi Sunak (2) Angela Merkel						
	(3) Justin Trudeau (4) Boris Johnson						

(6)

Question No.	Questions
38.	Apart from the national anthem of India, Rabindranath Tagore wrote the national anthem of which one other country ?
	(1) China (2) Pakistan
<i></i>	(3) Sri Lanka (4) Bangladesh
39.	When did Nagaland become a formal state of India ?
	(1) 1963 (2) 1964
	(3) 1965 (4) 1969
40.	When was the "National Vayoshri Yojana" launched ?
	(1) $1^{st}$ April 2016 (2) $1^{st}$ July 2016
	(3) 1 <sup>st</sup> July 2017 (4) 1 <sup>st</sup> April 2017
41.	Two squares have sides x cm and $(x + 4)$ cm. The sum of their areas is 656 cm <sup>2</sup> . Find the sides of the square
	(1) 8 cm, 12 cm (2) 12 cm, 15 cm
	(3) 6 cm, 10 cm (4) 16 cm, 20 cm
42.	If $A : B = 3 : 4$ and $B : C = 5 : 6$ , what is $A : C$ ?
	(1) $5:8$ (2) $3:6$
	(3) 3:5 (4) 4:6
43.	The sum of two numbers is 40 and the difference is 4. Find their ratio :
	(1) $9:11$ (2) $11:9$
	(3) 1:10 (4) 10:1
44.	If 1500 litres of water are pumped out in 3 hours, how much time is required to pump out 15,000 litres of water ?
	(1) 30 hrs (2) 25 hrs (3) 20 hrs (4) 15 hrs
CA-EF	-June, 2023 (Bachelor of Computer Application) Code-B

(7)

Questi	on
No.	Questions
45.	If a work is competed in 12 days by 16 men, how long will 32 men take t the same piece of work ? (1) 6 days (2) 8 days
	$(3)  5 \text{ days} \qquad (4)  4 \text{ days}$
46.	A train 150m long passes a telegraphic post in 12 seconds. In what t will it pass a bridge 250m long ?
	(1) $36 \text{ seconds}$ (2) $32 \text{ seconds}$
	(3) 18 seconds (4) 24 seconds
47.	If 4 men or 7 boys can do a work in 29 days then what time will 12 men a 8 boys take to do the same work ?
· · · ·	(1) 7 days (2) 8 days (3) 6 days (4) 9 days
48.	A, B, C are employed to do a piece of work for Rs. 529. A and B toget are supposed to do 19/23 of the work and B and C together 8/23 of work, what should A be paid? (1) Rs 245 (2) Re 345
	(1) $Rs. 240$ (2) $Rs. 345$ (3) $Rs. 545$ (4) $Rs. 329$
49.	At an election, a candidate secures 40% of the votes but is defeated by t other candidate by a majority of 298 votes. Find the total number of vot recorded.
a. 1. 1. 1. 1. 1.	(1) 1290 (2) 1190
	(3) 1390 (4) 1490
50.	When 75% of a number is added to 75, the result is the number again. Fin the number.
	(1) 250 (2) 400
	(3) 300 (4) 200
51.	Which of these parts would interpret a program's instructions to initial the control operations ?
	(1) Logic unit (2) Control unit

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Question No.	Questions
52.	Which of these output devices are used for the translation of information from any computer into a pictorial form on the papers ?
	(1) Card punch (2) Touch panel
	(3) Plotter (4) Mouse
53.	One packet on any data link is called :
	(1) Group (2) Block
	(3) Frame (4) Path
54.	Computer's basic architecture was developed by
	(1) John Von Neumann (2) Charles Babbage
	(3) Blaise Pascal (4) Jordan Murn
55.	What access method do we use to obtain any record out of a cassette tape ?
	(1) Random (2) Direct
	(3) Sequential (4) All of the above
56.	The computer-assisted method that helps in the recording and analysis of a hypothetical or an existing system is known as :
	(1) Data processing (2) Data capture
	(3) Data flow (4) Data transmission
57.	Internal memory in a CPU is nothing but
	(1) A set of registers (2) A set of ALU
	(3) Microprocessor (4) Bus
58	. Program stored in ROM are called
>	(1) Hardware (2) Firmware
	(3) Software (4) None of these

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-B
(9)

### <u>Set–"Y"</u> Code–B

No.	δn	Questions		
59.	A computer cannot "bo	ot" if it does not have the		
	(1) Compiler	(2) Loader		
	(3) Operating System	(4) Assembler		
60.	Various applications an desktop by	nd documents are repres	sented	on the window
	(1) Symbols (2) Label	ls (3) Graphs	(4)	Icons
61.	What is the smallest uni (1) Cell (2) Atom	t of living organisms ?	(4)	Organism
62.	What is the process by w going through the liquid s (1) Sublimation (3) Condensation	hich a solid changes dire state ? (2) Evaporation (4) Melting	ctly in	to a gas without
63. V a (1 (3	Which is the most abun tmosphere ? 1) Nitrogen 3) Carbon Dioxide	dant naturally occurrin (2) Oxygen (4) Argon	ıg gas	in the Earth's
54. W (1) (3)	hich of the following is a Coal Solar Power	renewable source of ene (2) Natural Gas (4) Petroleum	rgy?	

Question No.	Questions
65.	What is the process by which plants convert sunlight into chemical
	energy? (1) Photosynthesis (2) Respiration
	(3) Transpiration (4) Germination
66.	What is the Human Body's largest organ ?(1) Skin(2) Heart(3) Liver(4) Brain
67.	What is the largest planet in our solar system ?
	(1) Earth (2) Jupiter (3) Mars (4) Saturn
68.	What happens to the velocity of a heavy body when it undergoes an elastic collision in one dimension with a very light body at rest ?
	<ol> <li>it stops and comes to rest</li> <li>it keeps on moving with the same velocity</li> <li>it starts moving with half of its initial velocity</li> <li>it rebounds with the same velocity</li> </ol>
69.	Which of the following principles is used to define the First law of Thermodynamics?
	(1) Conservation of Mass
	(2) Conservation of Energy
	(3) Conservation of Momentum
	(4) Conservation of Charge
70.	Which of the following is correct about Convection ?
	(1) It is possible in solids only
	(2) It is possible in fluids only
	(3) It is possible in solids and gases only
	(4) None of the above
71.	If A implies B, and B implies C, what can you conclude ?
	(1) A implies C (2) C implies A
	(3) A is true (4) B is false

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-B

Question No.	Questions
72.	What is the missing number in the sequence : 2, 4, 6, 8,, 12, 14?
	(1) 9 (2) 10 (3) 11 (4) 13
73.	Choose a word that is different from the rest
	(1) Chicken (2) Snake
	(3) Frog (4) Swan
. 74.	FBG, GBF, HBI, IBH,?
	(1) HBL (2) HBK
	(3) JBK (4) JBI
75.	Which alternative will replace the question mark?
	Cup:Lip::Bird:?
	(1) Bush (2) Grass (3) Forest (4) Beak
76.	Look at this series : 8, 6, 9, 23, 87, what number should come next?
	(1) 126 (2) 224 (3) 324 (4) 429
77.	Arrange the words given below in a meaningful sequence.
753 - 41	a. Police, b. Punishment, c. Crime, d. Judge, e. Judgment
	(1) c, a, b, d, e (2) a, b, d, c, e (3)
	(3) e, d, c, b, a (4) c, a, d, e, b
78.	<ul> <li>Statements :</li> <li>I - The government has imposed a fine on people who litter in public places.</li> <li>II - The Cleanliness of public places has improved significantly in the recent past.</li> <li>(1) Statement I is the cause and statement II is its effect.</li> <li>(2) Statement II is the cause and statement I is its effect.</li> <li>(3) Both statements I and II are independent causes.</li> <li>(4) Both statements I and II are effects of independent causes.</li> </ul>
BCA-E	E-June, 2023 (Bachelor of Computer Application) Code-B

	<u>Set-"Y</u>
uestion	Code-I
NO.	Questions
79.	Choose the odd number from the given list-
	(1) 17 (2) 13 (3) 27 (4) 10
80.	Statements: (4) 19
	I - The importance of meditation is being realized by all sections of assist
	II - There is an increasing awareness about mental and physical health i
	(1) Statement II is it
	(2) Statement I is the common effect and statement I is the independent cause
	<ul> <li>(2) Statement-I is the effect and statement-II in its cause.</li> <li>(3) Statement I = 1 = 1</li> </ul>
	(3) Statements I and II are different independent causes.
	(4) Statements I and II are effects of independent causes
	Directions for Q. 81:
(f)	Fill in the blank with suitable preposition.
81.	It rained four hours this morning.
	(1) for (2) since (3) by (4) at
	Directions for Q. 82 and Q. 83 :
	Fill in the blank with suitable past tense verb.
82.	The cat (kill) the rat.
	(1) is killing (2) was killed (3) killed (4) will kill
83.	It (rain) since 5 pm.
	(1) has been raining (2) rains
	(3) is raining (4) was raining
84	C. L. (1) served to an of form :
04.	Select the correct tense form.
	The train had left. (2) Simple past
	(1) Past periect (2) Simple past
	(3) Present periect (4) Fast continuous

# <u>Set-"γ"</u> Code-B

Question No.	Questions
85.	Directions for Q. 85 and Q. 86: Select the correct answer given under each passage. Refrigerators were considered as luxurious as they were costly and so the rich houses only could afford a fridge. Now-a-days they are no longer luxuries. They are necessary.
	Refrigerators were in the past. Select the correct answer. (1) Cheap (2) Very cheap (3) Costly (4) More costly
86.	(1)Chicap(2)Very cheap(3)Cossily(3)Comets are luminous celestial bodies moving round the sun. If sny comet is sighted, it is believed that it signals the death of a royal figure. It is considered a superstition.The blind belief is called
87.	Select the correct sentence.(1) Candy taste sweet(2) Candy tastes sweet(3) Candy tastes sweets(4) Candy taste sweets
88.	<ul> <li>Select the correct sentence.</li> <li>(1) The camera no work</li> <li>(2) The camera did no work</li> <li>(3) The camera does not work</li> <li>(4) The camera no works</li> </ul>
89.	<ul> <li>Directions for Q. 89 and Q. 90:</li> <li>Out of the given alternatives suggested select the one which best expresses the same sentence in indirect/direct speech.</li> <li>Aditya said to me, "I want to learn French".</li> <li>(1) Aditya told to me that he wanted to learn French</li> <li>(2) Aditya told me that he wanted to learn French</li> <li>(3) Aditya told me that he had wanted to learn French</li> <li>(4) Aditya asked me that he wanted to learn French</li> </ul>
	(4) Aditya asked me that he wanted asked me that he wanted asked me that he wanted asked by (4) Aditya asked me that he wanted asked by (4) Aditya asked me that he wanted asked by (4) Aditya asked me that he wanted asked by (4) Aditya asked me that he wanted asked by (4) Aditya asked me that he wanted asked by (4) Aditya asked me that he wanted asked by (4) Aditya asked me that he wanted asked by (4) Aditya asked me that he wanted asked by (4) Aditya asked me that he wanted asked by (4) Aditya asked me that he wanted asked by (4) Aditya asked me that he wanted asked by (4) Aditya asked me that he wanted asked by (4) Aditya asked by (4) Aditya asked me that he wanted asked by (4) Aditya asked by (4

Question												
Quartia					×.						Cod	e-B
No.					Quest	io	ns					
90.	I s	aid to hii	n, "I w	vill do it	for you.	.,						
e.	(1)	I told ł	im th	at me w	ould do	it	for him					
	(2)	I told h	im th	at I wou	ıld do th	at	for him					
	(3)	I told h	im th	at I wou	ld done	th	at for him					
	(4)	I told h	im th	at I wou	ld have	do	one that for	him				
91.	The	e highest 1mon mu	comm ltiple	ion facto (LCM) i	or (HCF) is 72. WI	) o ha	f the two nu t are the tv	umbe vo nu	rs is ( mber	G, and s ?	l their	least
	(1)	9 and 1	6		(2)	)	12 and 18					
	(3)	24 and	36	a. *	(4)	)	6 and 12					
92.	Wh	ich of the	follov	ving nu	mbers is	a	terminatir	ng deo	cimal	?		
	(1)	1/3	(2)	1/7	(3)	)	1/8		(4)	1/5		
93.	The	sum of t	wo co	nsecutiv	ze odd n	un	nbers is 44	. Wha	at are	the 1	numbe	ers?
	(1)	21, 23			(2)	)	22, 24					
	(3)	23, 25			(4)		24, 26					
94.	Finc 6, 9	l the sma and 15.	llest s	quare n	umber w	vh	ich is divisi	ble b	y eacl	h of th	ie nun	ibers
	(1)	900	(2)	700	(3)	(	300		(4)	800		
95.	The fathe ages	sum of th er's age ?	ne age was fo	s of a fat our time	ther and es the a	l h ge	is son is 50 of the sor	year 1. Wł	rs. Fiv	ve yea re tho	urs ago eir cu	o, the rrent
	(1)	Father :	35 yea	ars, Son	: 15 yea	ars	5	e E		* 5		
	(2)	Father :	40 yea	ars, Son	: 10 yea	ars	5					
	(3)	Father :	45 yea	ars, Son	: 5 year	'S						
	(4)	Father :	50 yea	ars, Son	: 0 year	'S					A.	
							. *			2		
CA-EE	–Ju	ne, 202	3 (Ba	achelo	r of Co	on	nputer A	ppli	catio	on) (	Code-	В

#### Question Questions No. A can complete a task in 6 days, while B can complete it in 8 days. $m H_{0w}$ 96. long will it take for both A and B to complete the task working together? (1)2 days (2) 3 days (3)4 days (4) 5 days 97. Solve the following equation : 3(x + 4) - 2(2x - 1) = 5(x - 2) + 6. (1)x = 2(2) x = 3(3)x = 4(4) x = 598. The earnings of Rohan are Rs. 12,000/- per month and Anish's Rs. 1,91,520/- per year. If the monthly expenses of every person are around Rs. 9,960/-. What is the ratio of their savings ? 10:15(1)(2)17:50(3)15:1017:40(4)Two numbers are in the ratio 2:3. If the sum of two numbers is 60, what 99. are the numbers? (2)20 and 40 (1) 26 and 30 35 and 25 (4) 24 and 36 (3)A box contains 30 red balls, 40 blue balls, and 50 green balls. If one ball is 100. randomly selected, what is the probability of selecting a red ball? (2)1/2(3) 3/51/3(1)(4)3/7

Code

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-B
(16)

#### SET\_"Y"

(Total	No. c	of Pri	nted	Pages	:16)
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(DO NOT OPEN THIS QUESTION BOOKLET BEFORE TIME OR UNTIL YOU ARE ASKED TO DO SO)

#### (BCA-EE-June, 2023)



#### **BACHELOR OF** COMPUTER APPLICATION

Sr. No11055

Time: 1¼ Hours	<b>Total Quest</b>	tions : 100	Max. Marks : 100		
Roll No	(in figure)		(in words)		
Name :		Date of Birth ·	(		
Father's Name :		Mother's Name :			
Date of Examination :					

(Signature of the candidate)

(Signature of the Invigilator)

#### CANDIDATES MUST READ THE FOLLOWING INFORMATION INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

- All questions are compulsory. 1.
- The candidates must return the Question book-let as well as OMR 2. answer-sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfair-means / mis-behaviour will be registered against him / her, in addition to lodging of an FIR with the police. Further the answer-sheet of such a candidate will not be evaluated.
- Keeping in view the transparency of the examination system, carbonless OMR 3. Sheet is provided to the candidate so that a copy of OMR Sheet may be kept by
- Question Booklet along-with answer key of all the A,B,C and D code shall be got 4. uploaded on the University Website immediately after the conduct of Entrance Examination. Candidates may raise valid objection/complaint in any, with regard to discrepancy in the question booklet/answer key within 24 hours of uploading the same on the University Website. The complaint be sent by the students to the Controller of Examinations by hand or through email. Thereafter, no complaint in any case will be considered.
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### <u>Set–"Υ"</u> Code–C

n	i en en en	N. Frity	ବ	uestic	ons		8+1,
Wh	at is the	smal	lest unit of	living	organisms ?	.2	
(1)	Cell	(2)	Atom	(3)	Molecules	(4)	Organism
Wh goin	at is the ng throu	proc gh th	ess by whic e liquid sta	ch a so te ?	lid changes dire	ectly i	nto a gas with
(1)	Sublim	ation		(2)	Evaporation		
(3)	Conden	isatio	n	(4)	Melting		
Wh: atm	ich is th osphere	ne mo ?	ost abunda	ant na	turally occurri	ng ga	s in the Eart
(1)	Nitroge	n		(2)	Oxygen		
(3)	Carbon	Diox	ide	(4)	Argon		이 아이 있다. 이사 
Whi	ch of the	follo	wing is a r	enewal	ole source of en	ergy?	
(1)	Coal			(2)	Natural Gas		
(3)	Solar Po	ower	, sine	(4)	Petroleum	સંસ્થુ ન	11 11 1
Wha ener (1) (3)	t is the gy? Photosy Transpi	proo nthes	cess by wh sis n	(2) (4)	ants convert s Respiration Germination	sunlig	ht into chemi
Wha	t is the l	Jum	n Body's l	magat		- L.	To inde
(1)	Skin	(2)	Heart	(3)	Liver	(4)	Brain
Wha	t is the ]	arges	st planet in	our so	lar system ?	(4)	Drain
(1)	Earth	(2)	Jupiter	(3)	Mars	(4)	Saturn
Wha collis	t happer sion in or	ns to t ne dir	he velocity nension wi	of a he th a ve	eavy body wher ery light body a	it un t rest	dergoes an elas ?
(1)	it stops	and o	comes to re oving with	st the sa	me velocity		h taran dan selat se
(2)	it keeps	on m		10			and a second second
	Wh (1) Wh goir (1) (3) Whi (1) (3) Whi (1) (3) Wha ener (1) (3) Wha (1) (3) Wha (1) (3) Wha (1) (3) Wha (1) (3) Wha (1) (3) Wha (1) (3) (3) Whi (1) (3) (3) (3) Whi (1) (3) (3) (3) (3) (3) Whi (1) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3	What is the (1) Cell What is the going throug (1) Sublim (3) Conden Which is the atmosphere (1) Nitroge (3) Carbon Which of the (1) Coal (3) Solar Po What is the energy ? (1) Photosy (3) Transpi What is the I (1) Skin What is the I (1) Skin	What is the small(1) Cell(2)What is the processing through the(1) Sublimation(3) CondensatioWhich is the modes(3) CondensatioWhich is the modes(1) Nitrogen(3) Carbon DioxWhich of the follo(1) Coal(3) Solar PowerWhat is the processionWhat is the procession(1) Photosynthes(3) TranspirationWhat is the Humas(1) Skin(2)What is the larges(1) Earth(2)What happens to the collision in one dimension	QWhat is the smallest unit of (1) Cell (2) AtomWhat is the process by which going through the liquid state (1) Sublimation (3) CondensationWhich is the most abundat atmosphere ?(1) Nitrogen (3) Carbon DioxideWhich of the following is a reference (1) Coal (3) Solar PowerWhat is the process by whenergy ?(1) Photosynthesis (3) TranspirationWhat is the Human Body's lation (1) Skin (2) HeartWhat is the largest planet in (1) Earth (2) JupiterWhat happens to the velocity collision in one dimension with (1) states in the state state states in the state states in the state states whet is the states whet	QuesticWhat is the smallest unit of living (1) Cell (2) Atom (3)What is the process by which a so going through the liquid state ?(1) Sublimation (2)(3) Condensation (4)Which is the most abundant na atmosphere ?(1) Nitrogen (2)(3) Carbon Dioxide (4)Which of the following is a renewal (1) Coal (2)(3) Solar Power (4)What is the process by which pl energy ?(1) Photosynthesis (2)(3) Transpiration (4)What is the Human Body's largest (1) Skin (2) Heart (3)What is the largest planet in our so (1) Earth (2) Jupiter (3)What happens to the velocity of a here collision in one dimension with a vertice	QuestionsWhat is the smallest unit of living organisms ?(1) Cell(2) Atom(3) MoleculesWhat is the process by which a solid changes diregoing through the liquid state ?(1) Sublimation(2) Evaporation(3) Condensation(4) MeltingWhich is the most abundant naturally occurring atmosphere ?(1) Nitrogen(2) Oxygen(3) Carbon Dioxide(4) ArgonWhich of the following is a renewable source of end(1) Coal(2) Natural Gas(3) Solar Power(4) PetroleumWhat is the process by which plants convert senergy ?(1) Photosynthesis(2) Respiration(3) Transpiration(4) GerminationWhat is the Human Body's largest organ ?(1) Skin(2) Heart(3) LiverWhat is the largest planet in our solar system ?(1) Earth(2) Jupiter(3) MarsWhat happens to the velocity of a heavy body where collision in one dimension with a very light body a	QuestionsWhat is the smallest unit of living organisms ?(1) Cell(2) Atom(3) Molecules(4)What is the process by which a solid changes directly is going through the liquid state ?(1) Sublimation(2) Evaporation(3) Condensation(4) MeltingWhich is the most abundant naturally occurring ga atmosphere ?(1) Nitrogen(2) Oxygen(3) Carbon Dioxide(4) ArgonWhich of the following is a renewable source of energy ?(1) Coal(2) Natural Gas(3) Solar Power(4) PetroleumWhat is the process by which plants convert sunlig energy ?(1) Photosynthesis(2) Respiration(3) Transpiration(4) GerminationWhat is the Human Body's largest organ ?(4)What is the largest planet in our solar system ?(4)What is the largest planet in our solar system ?(4)What happens to the velocity of a heavy body when it un collision in one dimension with a very light body at rest

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Y	92 0 Q		<u>Set-"Y"</u> Code-C
Question No.	Question	ns	
9.	Which of the following principle: Thermodynamics?	s is used to define the	First law of
Rizp Tool	(1) Conservation of Mass		
	(2) Conservation of Energy		
	(3) Conservation of Momentum		
fel tool¥	(4) Conservation of Charge		
10.	Which of the following is correct al	oout Convection ?	
	(1) It is possible in solids only		
	(2) It is possible in fluids only		
	(3) It is possible in solids and gase	es only	
	(4) None of the above	en na station de la second	
11.	Two squares have sides $x \text{ cm}$ and $(x \text{ cm}^2$ . Find the sides of the square	x + 4) cm. The sum of the	ir areas is 656
annan san anna an	(1) 8 cm, 12 cm (2)	12 cm, 15 cm	
1 1 1	(3) 6 cm, 10 cm (4)	16 cm, 20 cm	
12.	If $A : B = 3 : 4$ and $B : C = 5 : 6$ , what	at is $A:C?$	
	(1) 5:8 (2)	3:6	
n statis tie	(3) 3:5 (4)	4:6	
13.	The sum of two numbers is 40 and	the difference is 4. Find	their ratio :
	(1) 9:11 (2)	11:9	
	(3) 1:10 (4)	10:1	
5. A.	Bachelor of Co	mnuter Applicatio	n) Code-C

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-C (2)

Set-	•"Y"
Code	e-C

No.					Qu	esti	ons
14.	If 150 to pu	00 litres mp out	of wa 15,00	ater an 00 litr	re pump res of w	ed o ater	out in 3 hours, how much time is require?
	(1)	30 hrs				(2)	25 hrs
р 1	(3)	20 hrs				(4)	15 hrs
15.	If a w the sa	ork is co ame piec	ompe ce of	ted in work	12 day ?	s by	16 men, how long will 32 men take to
	(1) (	days			말한 0	(2)	8 days
	(3) 8	6 days				(4)	4 days
16.	A trai will it	in 150m pass a l	long	g pass ge 250	ses a te m long	legr ?	aphic post in 12 seconds. In what tir
	(1) 3	6 second	ds			(2)	32 seconds
	(3) 1	8 second	ds			(4)	24 seconds
15	(0) -					(-/	
17.	If 4 m 8 boys	en or 7 b take to	oys do t	can do the sa	o a work me wor	in 2 k?	29 days then what time will 12 men a
17.	If 4 m 8 boys (1) 7	en or 7 b take to days	oys do t (2)	can do the sa 8 day	o a work me wor ys	( ) in 2 k ? (3)	29 days then what time will 12 men a 6 days (4) 9 days
17. 18.	(1) 7 A, B, ( are su work,	en or 7 b take to days C are en pposed what sh	oys ( do t (2) to d ould	can do the sa 8 day yed to 0 19/2 A be	o a work me wor ys o do a p 23 of th paid ?	in 2 k ? (3) iece	29 days then what time will 12 men at 6 days (4) 9 days e of work for Rs. 529. A and B togeth fork and B and C together 8/23 of t
17.	(1) 7 A, B, ( are su work, (1) R	en or 7 b take to days C are en pposed what sh s. 245	oys ( do t (2) nplo to d ould	can do the sa 8 day yed to 0 19/2 A be	o a work me wor ys o do a p 23 of th paid ?	(1) (3) iece ie w (2)	29 days then what time will 12 men at 6 days (4) 9 days e of work for Rs. 529. A and B togeth york and B and C together 8/23 of t Rs. 345
17.	(1) 7 A, B, ( are su work, (1) R (3) R	en or 7 b take to days C are en pposed what sh s. 245 s. 545	oys o do t (2) nplo to d ould	can do che sa 8 day yed to 0 19/2 A be	o a work me wor ys o do a p 23 of th paid ?	(1) k? (3) iece e w (2) (4)	29 days then what time will 12 men at 6 days (4) 9 days e of work for Rs. 529. A and B togeth work and B and C together 8/23 of t Rs. 345 Rs. 329
17. 18. 19.	If 4 m 8 boys (1) 7 A, B, ( are su work, (1) R (3) R (3) R (3) R At an e other c	en or 7 b take to days C are en pposed what sh s. 245 s. 545 election, andidat	a ca	can do che sa 8 day yed to o 19/2 A be andida	o a work me wor ys o do a p 23 of th paid ? ate secu	(2) (3) iece ie w (2) (4) res f 29	29 days then what time will 12 men at 6 days (4) 9 days e of work for Rs. 529. A and B together work and B and C together 8/23 of t Rs. 345 Rs. 329 40% of the votes but is defeated by t 8 votes. Find the total number of vot
17. 18. 19.	If 4 m         8 boys         (1)       7         A, B, (1)         are su         work, (2)         (1)       R         (3)       R         At an e         other c         recorder         (1)       12	en or 7 b take to days C are en pposed what sh s. 245 s. 545 election, andidat ed. 90	a ca	can do the sa 8 day yed to o 19/2 A be	o a work me wor ys o do a p 23 of th paid ? ate secu	(2) (2) (2) (2) (2) (2) (2)	29 days then what time will 12 men at <u>6 days</u> (4) 9 days of work for Rs. 529. A and B togeth ork and B and C together 8/23 of t Rs. 345 Rs. 329 40% of the votes but is defeated by t 8 votes. Find the total number of vot 1190

(3)

Question No.		reconstructions -		- 14 P	Ques	stic	ons			
20.	When the nu	75% o mber.	fanu	mber is	added	to	75, the resu	lt is the nu	ımber again. Fi	nd
	(1) 2	50	(2)	400		(3)	300	(4)	200	
	Direc	tions	for Q	. 21 :					•	
14 - 35	Fill in	the bla	ank w	ith suit	able pi	ep	osition.			1
21.	It rain	ed	foı	ar hours	this r	nor	ning.			
	(1) fo	r	(2)	since		(3)	by	(4)	at	
	Direct	tions	for Q	. 22 an	d Q. 2	<u>3</u> :	.8			
die ne d	Fill in	the bla	ank w	ith suit	able pa	ast	tense verb.			
22.	The ca	t	(ki	ll) the r	at.					
	(1) is	killing	(2)	was kil	led	(3)	killed	(4)	will kill	1
23.	It	(ra	ain) s	ince 5 p	m.					
	(1) ha	s been	raini	ng		(2)	rains			1
E 40013	(3) is	rainin	g		. (	(4)	was rainin	g		as I
24.	Select	the co	rrect	tense fo	orm(:)	5		a de la dela		
Sec. of	The tra	in had	l left.			- 	dia are	ejt e dad		
1 Be (61)	(1) Pa	st per	fect	i b. s i	· (	2)	Simple pas	st		
	(3) Pr	esent	perfe	ct	(	4)	Past contin	nuous		
	Direct	ions f	or Q.	25 and	I Q. 20	3:				. 3
	Select t	he cor	rect a	nswer	given	uno	der each pa	ssage.		
25.	Refrige rich ho luxurie	rators uses c s. The	were only c y are	conside ould af necessa	ered as ford a ry.	s lu fr	xurious as idge. Now-	they were a-days th	e costly and so ney are no lor	the iger
	Refrige	rators	were		in the	pa	st. Select t	he correc	t answer.	
	(1) Ch	eap	(2)	Very ch	leap (	3)	Costly	(4)	More costly	

	<u>Set-"Y</u> Code-C
Question No.	Questions
26.	Comets are luminous celestial bodies moving round the sun. If sny come is sighted, it is believed that it signals the death of a royal figure. It i considered a superstition.
	The blind belief is called Select the correct answer.
	(1) False belief (2) Superstition
	(3) Wrong belief (4) Bad signal
27.	Select the correct sentence.
	(1) Candy taste sweet (2) Candy tastes sweet
	(3) Candy tastes sweets (4) Candy taste sweets
28.	Select the correct sentence.
1	(1) The camera no work (2) The camera did no work
	(3) The camera does not work (4) The camera no works
	Directions for Q. 29 and Q. 30 :
	Out of the given alternatives suggested select the one which best expresse the same sentence in indirect/direct speech.
29.	Aditya said to me, "I want to learn French".
	(1) Aditya told to me that he wanted to learn French
	(2) Aditya told me that he wanted to learn French
	<ul> <li>(3) Aditya told me that he had wanted to learn French</li> <li>(4) Aditya asked me that he wanted to learn French</li> </ul>
30.	I said to him, "I will do it for you."
- Vin Lange	(1) I told him that me would do it for him
	(2) I told him that I would do that for him
	(3) I told him that I would done that for him
	(4) I told him that I would have done that for him

(5)

Question No.		Questions	
31.	bar contains the na with.	ume of the j	program a computer user is working
	(1) Menu (2) Tools	(3) T	itle (4) Scroll
32.	WWW is based on which m	odel?	
	(1) Local Server	(2) 3-	tier
	(3) Client Server	(4) N	one of these
33.	First computer network of	the world	S
	(1) INET	(2) N	SFNet
	(3) ARPANET	(4) V	net
34.	Which of the following prof	ocol set the	e standards for www and a website
	(1) <b>FTP</b>	(2) H	TTP
	(3) SMTP	(4) T	CP/IP
35.	Which of the following is n	ot a search	engine?
T-JAS -	(1) Google	<u>(</u> 2) Y	ahoo
	(3) Bing	(4) W	indows
	Directions for Q. 36 and	Q. 37 :	
- -	Find out the most similar m below questions.	eaning for	the underlined words in the given
36.	This world will be short of	one person	and his/her contribution.
	(1) Supplication	(2) Pi	rovision
	(3) Input	(4) Pa	articipation
37.	How can a mother afford to	be differe	nt?
	(1) Bear	(2) Pi	rovide
		(1) 0.	, het PAN I 및 도망 및 도망 및 사람이 가능하는 것이 있는 것이 있다.

12

2

<u>Set–"Υ"</u> Code–C

Question No.	Questions
÷	Directions for Q. 38 and Q. 39 :
•	Find out the most opposite meaning for the underlined words in the given below questions.
38.	The connection is cut off and that part becomes <u>numb</u> .
	(1) Lively (2) Responsive (3) Sensitive (4) Active
39.	Soon it becomes an <u>obsession</u> ?
	(1) Interest (2) Passion (3) Indifference (4) Pressure
	Directions for Q. 40:
	Fill in the blank with suitable preposition.
40.	I cannot agree whatever you say.
1.18	(1) with (2) by (3) at (4) to
41.	If A implies B, and B implies C, what can you conclude ?
	(1) A implies C (2) C implies A
	(3) A is true (4) B is false
42.	What is the missing number in the sequence : 2, 4, 6, 8,, 12, 14?
	(1) 9 (2) 10
1	(3) 11 (4) 13
43.	Choose a word that is different from the rest
	(1) Chicken (2) Snake
	(3) Frog (4) Swan
44.	FBG, GBF, HBI, IBH,?
	(1) HBL (2) HBK
	(3) JBK (4) JBI

Question No.	Questions							
45.	Which alternative will replace the question mark ?							
	Cup:Lip::Bird: ?							
	(1) Bush (2) Grass (3) Forest (4) Beak							
46.	Look at this series : 8, 6, 9, 23, 87, what number should come next?							
÷	(1) 126 (2) 224 (3) $324$ (4) $429$							
47.	Arrange the words given below in a meaningful sequence.							
12	a. Police, b. Punishment, c. Crime, d. Judge, e. Judgment							
1	(1) c, a, b, d, e (2) a, b, d, c, e							
	(3) e, d, c, b, a (4) c, a, d, e, b							
19	Statements .							
40.	Statements:							
	I. The government has imposed a line on people who litter in public places.							
	II - The Cleanliness of public places has improved significantly in the recent past.							
	(1) Statement I is the cause and statement II is its effect.							
	(2) Statement II is the cause and statement I is its effect.							
	(3) Both statements I and II are independent causes.							
principal transformer generation	(4) Both statements I and II are effects of independent causes.							
49.	Choose the odd number from the given list-							
	(1) 17 (2) 13 (3) 27 (4) 19							
50.	Statements :							
	I - The importance of meditation is being realized by all sections of society.							
	II - There is an increasing awareness about mental and physical health in							
	(1) Statement II is the common effect and statement I is the indexed							
	(1) Statement II is the common effect and statement I is the independent cause.							
	(2) Statement-I is the effect and statement-II in its cause.							
	(3) Statements I and II are different independent causes.							
	(4) Statements I and II are effects of independent causes							
BCA-E	E-June, 2023 (Bachelor of Computer Application) Code-C							

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Code-C Question Questions No. The highest common factor (HCF) of the two numbers is 6, and their least 51. common multiple (LCM) is 72. What are the two numbers? 9 and 16 (1)(2) 12 and 1824 and 36 (3) (4) 6 and 12 Which of the following numbers is a terminating decimal? 52. 1/3(1)(2)1/7(3) 1/8 (4) 1/5 The sum of two consecutive odd numbers is 44. What are the numbers? 53. 21, 23(1) (2) 22.24 23, 25(3) (4) 24, 26 Find the smallest square number which is divisible by each of the numbers 54. 6.9 and 15. (1)900 (2)700 (3) 600 (4) 800 The sum of the ages of a father and his son is 50 years. Five years ago, the 55. father's age was four times the age of the son. What are their current ages? (1) Father: 35 years, Son: 15 years (2) Father: 40 years, Son: 10 years (3) Father: 45 years, Son: 5 years (4) Father: 50 years, Son: 0 years A can complete a task in 6 days, while B can complete it in 8 days. How 56. long will it take for both A and B to complete the task working together? (2) 3 days (1) 2 days (3) 4 days (4) 5 days Solve the following equation : 3(x + 4) - 2(2x - 1) = 5(x - 2) + 6. 57. (2) x = 3(3) x = 4(1) x = 2(4) x = 5BCA-EE-June, 2023 (Bachelor of Computer Application) Code-C (9)

Set-"Y

Question No.	Qu	estio	ns
58.	The earnings of Rohan ar Rs. 1,91,520/- per year. If the r Rs. 9,960/ What is the ratio	e Rs nonth of the	. 12,000/- per month and Anish's aly expenses of every person are around air savings ?
	(1) 10:15	(2)	17:50
	(3) 15:10	(4)	17:40
59.	Two numbers are in the ratio are the numbers ?	2:3.	If the sum of two numbers is 60, what
( ( मह)य	(1) 26 and 30	(2)	20 and 40
	(3) 35 and 25	(4)	24 and 36
60.	A box contains 30 red balls, 40 randomly selected, what is th	) blue e pro	balls, and 50 green balls. If one ball is bability of selecting a red ball ?
	(1) 1/3 (2) 1/2	(3)	3/5 (4) 3/7
61.	Recently which country succes BrahMos ?	sfully	test-fired the supersonic cruise missile
	(1) India	(2)	Nepal
	(3) Pakistan	(4)	Bangladesh
62.	Which gas is used in the refri	gerat	or ?
	(1) Oxygen	(2)	Nitrogen
	(3) Carbon	(4)	Freon
63	Which one is the largest ocean	n in t	he world ?
00.	(1) Atlantic Ocean	(2)	Indian Ocean
	(3) Pacific Ocean	(4)	Arctic Ocean
64.	Who discovered penicillin ?	-	ala - Tana a
	(1) Alexander Fleming	(2)	Albert Einstein
	(3) Isaac Newton	(4)	Thomas Edison

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-C (10)

						Second	et-"Y'
Questio No.			Questio	ns	-		
65.	Wh	ich planet is known	as the "Red	Planet" ?			
	(1)	Venus	(2)	Mars		281 •	
10	(3)	Jupiter	(4)	Saturn			
66.	Wh	o is the discoverer	of electrons	?			
	(1)	J. J. Thomson	(2)	Kalam Azad			
	(3)	J. Thomas	(4)	Darwin			
67.	Wh	o is the current Pri	me Minister	of the United K	ingdo	om ?	
	(1)	Rishi Sunak	(2)	Angela Merkel			
	(3)	Justin Trudeau	(4)	Boris Johnson			
68.	Apa nat	art from the nationa ional anthem of whi	l anthem of l ich one other	India, Rabindran country ?	nath	Tagore	wrote the
	(1)	China	(2)	Pakistan			
	(3)	Sri Lanka	(4)	Bangladesh			
69.	Wh	en did Nagaland be	come a form	al state of India	?		
13/40 19	(1)	1963	(2)	1964			
	(3)	1965	(4)	1969			
70.	Whe	en was the "Nationa	l Vayoshri Y	ojana" launched	1?		
	(1)	1st April 2016	(2)	1 <sup>st</sup> July 2016			
	(3)	1 <sup>st</sup> July 2017	(4)	1 <sup>st</sup> April 2017			
A CONTRACTOR			n long street	in 5 minutes. W	'hat i	e hie end	ed in kr
71.	A pe per	hour ?				o nio opi	ou in an

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Question No.	di si	Questio	ns	A second s
72.	A train can trave same time and re way, however, th stations. The spe	el 50% faster thar each point B 75 km he train lost abou eed of the car is	n a car. Both away from A at 12.5 minu	start from point A at the same time. On the same time is the same time is the stopping at the
	(1) 100 kmph	(2)	$110\mathrm{kmph}$	
	(3) 120 kmph	(4)	130 kmph	
73.	The ratio betwee	n the speeds of tw	o trains is 7 : of the first tr	8. If the second train ru rain is :
	(1)  70  kmph	(2)	75 kmph	
	(3) 84 kmph	(4)	87.5 kmph	
74.	Arun purchased wheat at the rat	30 kg of wheat at t te of Rs. 14.25 pe	the rate of Re er kg. He mi	xed the two and sold t
74.	Arun purchased wheat at the rat mixture. Approx make 30% profit (1) 14.80	30 kg of wheat at t te of Rs. 14.25 pe imately what pric ? (2)	the rate of Rs er kg. He mi ce per kg sho 15.40	xed the two and sold to ould he sell the mixture
74.	Arun purchased wheat at the rat mixture. Approx make 30% profit (1) 14.80 (3) 15.60	30 kg of wheat at t te of Rs. 14.25 pe imately what pric ? (2) (4)	the rate of Rs er kg. He mi ee per kg sho 15.40 16.40	xed the two and sold to ould he sell the mixture
74. 75.	Arun purchased wheat at the rat mixture. Approx make 30% profit (1) 14.80 (3) 15.60 A tradesman all above the cost pr (1) 20% (2)	30 kg of wheat at the of Rs. 14.25 per imately what price? (2) (4) ows a discount of rice should he mate (2) 40% (3)	the rate of Rs er kg. He mi 2e per kg sho 15.40 16.40 15% on the rk his goods 30%	written price. How mu to make a profit of 19% (4) 25%
74. 75. 76.	Arun purchased wheat at the rate mixture. Approx make 30% profit (1) 14.80 (3) 15.60 A tradesman all above the cost pro- (1) 20% (2) Salary of Kuma percentage of his	30 kg of wheat at the of Rs. 14.25 per imately what price ? (2) (4) ows a discount of rice should he mate ? (2) (4) (3) or was increased so rise in salary is	the rate of Rs er kg. He mi 2e per kg sho 15.40 16.40 15% on the rk his goods 30% from Rs. 2	written price. How mu to make a profit of 19% (4) 25% ,500/- to Rs. 2,800/ 7
74. 75. 76.	Arun purchased wheat at the rate mixture. Approx make 30% profit (1) 14.80 (3) 15.60 A tradesman all above the cost pro- (1) 20% (2) Salary of Kuma percentage of his (1) 10% (2)	30 kg of wheat at the of Rs. 14.25 per imately what prices ? (2) (4) ows a discount of rice should he mate ? (2) (4) ows a discount of rice should he mate ? (3) or was increased so rise in salary is (3) (3)	the rate of Rs er kg. He mi ce per kg sho 15.40 16.40 15% on the rk his goods 30% from Rs. 2 12%	written price. How my (4) 25% (4) 15%

# <u>Set-"Υ"</u> Code-C

No.	1	Questions	
78.	White colour is form proportion ?	ned when primary colours are mixed in v	wha
N.	<ol> <li>(1) 30:11:59</li> <li>(3) 30:12:59</li> </ol>	(2) 29:12:59	
79.	A number has two dig	(4) 29:11:59	
	ten's place is y. The va	lue of the number is	in it
	(1) $10x + y$ (3) $yx$	(2) $x + 10y$ (4) $xy$	
80.	Fifteen years from now is Ravi's present age ?	Ravi's age will be four times his present age. V	Vha
	(1) 5 (2) 8	(3) 7 (4) 3	
	Directions for Q. 81	to Q. 84 :	
81.	an appropriate word(s) Choose the correct alto We have noticed imme	te sentences are given with blanks to be filled Four alternatives are suggested for each ques ernative one of the four. nse decline his moral.	wit tion
Address of the second sec	UD WITH		
State of the second second	(3) to	(2) up	
	(3) to	(2) up (4) in	
82.	(3) to We shall fail we a	(2) up (4) in re industrious.	1
82.	<ul> <li>(3) to</li> <li>We shall fail we a</li> <li>(1) even</li> </ul>	<ul> <li>(2) up</li> <li>(4) in</li> <li>re industrious.</li> <li>(2) unless</li> </ul>	14 - 17
82.	<ul> <li>(3) to</li> <li>We shall fail we a</li> <li>(1) even</li> <li>(3) whether</li> </ul>	<ul> <li>(2) up</li> <li>(4) in</li> <li>re industrious.</li> <li>(2) unless</li> <li>(4) until</li> </ul>	11
82.	<ul> <li>(3) to</li> <li>We shall fail we at (1) · even</li> <li>(3) whether</li> <li>Please make yourself</li> </ul>	<ul> <li>(2) up</li> <li>(4) in</li> <li>re industrious.</li> <li>(2) unless</li> <li>(4) until</li> <li> home.</li> </ul>	
82. 83.	<ul> <li>(3) to</li> <li>We shall fail we at (1) even</li> <li>(3) whether</li> <li>Please make yourself</li> <li>(1) with</li> </ul>	<ul> <li>(2) up</li> <li>(4) in</li> <li>re industrious.</li> <li>(2) unless</li> <li>(4) until</li> <li> home.</li> <li>(2) at</li> </ul>	
82.	<ul> <li>(3) to</li> <li>We shall fail we at (1) even</li> <li>(3) whether</li> <li>Please make yourself</li> <li>(1) with</li> <li>(3) in</li> </ul>	<ul> <li>(2) up</li> <li>(4) in</li> <li>re industrious.</li> <li>(2) unless</li> <li>(4) until</li> <li> home.</li> <li>(2) at</li> <li>(4) on</li> </ul>	
82. 83. 84.	<ul> <li>(3) to</li> <li>We shall fail we at (1) even</li> <li>(3) whether</li> <li>Please make yourself</li> <li>(1) with</li> <li>(3) in</li> <li>The flash of the torch</li> </ul>	<ul> <li>(2) up</li> <li>(4) in</li> <li>re industrious.</li> <li>(2) unless</li> <li>(4) until</li> <li> home.</li> <li>(2) at</li> <li>(4) on</li> <li></li></ul>	
82. 83. 84.	<ul> <li>(3) to</li> <li>We shall fail we at (1) / even</li> <li>(3) whether</li> <li>Please make yourself</li> <li>(1) with</li> <li>(3) in</li> <li>The flash of the torch</li> <li>(1) exposed</li> </ul>	<ul> <li>(2) up</li> <li>(4) in</li> <li>re industrious.</li> <li>(2) unless</li> <li>(4) until</li> <li> home.</li> <li>(2) at</li> <li>(4) on</li> <li> a cobra.</li> <li>(2) displayed</li> </ul>	

#### Question Questions No. Choose the appropriate conjunction for the following sentence : 85. He is not ready to play ..... his friend plays. (1) but (2) unless (3) and (4) yet Fill in with suitable conjunction. 86. He advanced ...... he could. (1) until (2) while (3) as (4) as far as 87. Directions: Choose the appropriate option that fills in the given sentence correctly : ...... you have come to office; you may as well complete the backlog. (2) but (1) and (3) since (4) for instance **Reading Comprehension Passage:** 88. "Education is the key to success. It provides knowledge, skills, and opportunities for personal growth. With education, individuals can break barriers and achieve their goals. It opens doors to new possibilities and empowers people to make a positive difference in society." What does education provide ? (1) Success (2) Barriers (3) Skills and knowledge (4) Personal growth

Set-"Y

Code-

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-C (14)

#### Code-Question Questions No. Paragraph Completion : Complete the paragraph with the most 89. appropriate sentence : "The environment plays a vital role in our lives. It provides us with resources and sustains life on Earth. However, human activities have led (1) pollution and deforestation (2) technological advancements (3) global peace and harmony (4) biodiversity conservation Spelling Test : Choose the correctly spelled word : 90. (1) Acqaintance (2) Aqcuaintance (3)Acquaintance (4) Aquaintance Which of these parts would interpret a program's instructions to initiate 91. the control operations ? (1) Logic unit (2) Control unit (3)Storage unit (4) Input 92. Which of these output devices are used for the translation of information from any computer into a pictorial form on the papers ? Card punch (1)(2) Touch panel (3) Plotter (4) Mouse 93. One packet on any data link is called : (1) Group (2) Block (3) Frame (4) Path 94. Computer's basic architecture was developed by (1) John Von Neumann (2) Charles Babbage (3) Blaise Pascal (4) Jordan Murn BCA-EE-June, 2023 (Bachelor of Computer Application) Code-C

Set-"

(15)

## <u>Set–"Υ"</u> Code–C

Question No.	Ques	tions	
95.	What access method do we use tape ?	e to obtain any record out of a cassette	
	(1) Random (	2) Direct	
	(3) Sequential (	4) All of the above	
96.	The computer-assisted method that helps in the recording and analysis of a hypothetical or an existing system is known as :		
	(1) Data processing (	2) Data capture	
	(3) Data flow (	4) Data transmission	
97.	Internal memory in a CPU is not	hing but	
- 	(1) A set of registers (2	2) A set of ALU	
	(3) Microprocessor (4	4) Bus	
98.	Program stored in ROM are called		
101	(1) Hardware (2	2) Firmware	
	(3) Software (4	4) None of these	
99.	A computer cannot "boot" if it do	es not have the	
	(1) Compiler (2	2) Loader	
	(3) Operating System (4	4) Assembler	
100. Various applications and documents are represented o desktop by		nents are represented on the windows	
	(1) Symbols (2) Labels (3	3) Graphs (4) Icons	

#### SET-"Y"

(Total No. of Printed Pages: 16)

(DO NOT OPEN THIS QUESTION BOOKLET BEFORE TIME OR UNTIL YOU ARE ASKED TO DO SO)

(BCA-EE-June, 2023)



#### BACHELOR OF COMPUTER APPLICATION

\_\_\_\_\_ Date of Birth :

Sr. No. 11088

Time	8	1¼	Hours
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Total Questions : 100 (in figure) (in words)

Max. Marks: 100

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1 Vallet		

Roll No.

Father's Name : \_\_\_\_\_\_ Mother's Name : \_\_\_\_\_ Date of Examination :

(Signature of the candidate)

(Signature of the Invigilator)

CANDIDATES MUST READ THE FOLLOWING INFORMATION/ INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

- 1. All questions are compulsory.
- The candidates must return the Question book-let as well as OMR 2. answer-sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfair-means / mis-behaviour will be registered against him / her, in addition to lodging of an FIR with the police. Further the answer-sheet of such a candidate will not be evaluated.
- Keeping in view the transparency of the examination system, carbonless OMR 3. Sheet is provided to the candidate so that a copy of OMR Sheet may be kept by the candidate.
- Question Booklet along-with answer key of all the A,B,C and D code shall be got 4. uploaded on the University Website immediately after the conduct of Entrance Examination. Candidates may raise valid objection/complaint in any, with regard to discrepancy in the question booklet/answer key within 24 hours of uploading the same on the University Website. The complaint be sent by the students to the Controller of Examinations by hand or through email. Thereafter, no complaint in any case will be considered.
- The candidate MUST NOT do any rough work or writing in the OMR Answer-5. Sheet. Rough work, if any, may be done in the question booklet itself. Answer MUST NOT be ticked in the Question booklet.
- There will be no negative marking. Each correct answer will be awarded 6. one full mark. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer.
- Use only Black or Blue BALL POINT PEN of good quality in the OMR Answer-7.
- BEFORE ANSWERING THE QUESTIONS, THE CANDIDATES SHOULD 8. ENSURE THAT THEY HAVE BEEN SUPPLIED CORRECT AND COMPLETE BOOK-LET. COMPLAINTS, IF ANY, REGARDING MISPRINTING ETC. WILL NOT BE ENTERTAINED 30 MINUTES AFTER STARTING OF THE EXAMINATION.



Set-"Y" Code-D

Questio No.	ion Questions			
	Directions for Q. 1 to Q. 4 : In these questions, some sentence an appropriate word(s). Four alter	es are given with blanks to be filled with		
7	Choose the correct alternative one of the four.			
	(1) with (2	) up		
	(3) to (4	) in		
2.	We shall fail we are industri	ous.		
	(1) even (2)	unless		
	(3) whether (4)	until		
3.	Please make yourself home.			
	$(1)  \text{with} \tag{2}$	at		
	(3) in (4)	on		
4.	The flash of the torch a co	bra.		
	(1) exposed  (2)	displayed		
	(3) disclosed (4)	revealed		
5.	Choose the appropriate conjunctio	n for the following sentence :		
	He is not ready to play his fri	end plays.		
	(1) but (2)	unless		
and the second second second second	(3) and (4)	yet		
6.	Fill in with suitable conjunction.			
	He advanced he could.			
	(1) until (2)	while		
	(3) as (4)	as far as		
l.				

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-D
(1)

77.	Directions
	Directions:Choose the appropriate option that fills in the given sentence correctly :
8.	<u>Reading Comprehension Passage</u> : "Education is the key to success. It provides knowledge, skills, and opportunities for personal growth. With education, individuals can break barriers and achieve their goals. It opens doors to new possibilities and empowers people to make a positive difference in society."
	<ul> <li>What does education provide ?</li> <li>(1) Success</li> <li>(2) Barriers</li> <li>(3) Skills and knowledge</li> <li>(4) Personal growth</li> </ul>
9.	<ul> <li>Paragraph Completion : Complete the paragraph with the most appropriate sentence :</li> <li>"The environment plays a vital role in our lives. It provides us with resources and sustains life on Earth. However, human activities have led to</li></ul>

Question No.	Questions		
10.	Spelling Test : Choose the correctly spelled word :		
	(1) Acquintance		
	(2) Aqcuaintance		
	(3) Acquaintance		
	(4) Aquaintance		
11.	The highest common factor (HCF) of the two numbers is 6, and their least common multiple (LCM) is 72. What are the two numbers ?		
	(1) 9 and 16 (2) 12 and 18		
	(3) 24 and 36 (4) 6 and 12		
12.	Which of the following numbers is a terminating decimal?		
	(1) 1/3 (2) 1/7 (3) 1/8 (4) 1/5		
13.	The sum of two consecutive odd numbers is 44. What are the numbers ?		
	(1) 21, 23 (2) 22, 24		
	(3) 23, 25 (4) 24, 26		
14.	Find the smallest square number which is divisible by each of the numbers 6, 9 and 15.		
	(1) 900 (2) 700 (3) 600 (4) 800		
15.	The sum of the ages of a father and his son is 50 years. Five years ago, the father's age was four times the age of the son. What are their current ages ?		
	(1) Father : 35 years, Son : 15 years		
·	(2) Father : 40 years, Son : 10 years		
	(3) Father : 45 years, Son : 5 years		
	(4) Father: 50 years, Son: 0 years		
BCA-E	E-June 2022 (Pachalon of Computer Application) Cade D		

(3)

Question	Quest	ions
16.	A can complete a task in 6 days, long will it take for both A and B	while B can complete it in 8 days. How to complete the task working together ?
	(1) 2 days (2	2) 3 days
	(3) 4 days (4	1) 5 days
17.	Solve the following equation : 3 (	(x + 4) - 2(2x - 1) = 5(x - 2) + 6.
	(1) $x = 2$ (2)	x = 3
	(3) $x = 4$ (4)	(a) $x = 5$
18.	The earnings of Rohan are I Rs. 1,91,520/- per year. If the mon Rs. 9,960/ What is the ratio of th	Rs. 12,000/- per month and Anish's thly expenses of every person are around neir savings ?
	(1) 10:15 (2	c) 17:50
	(3) 15:10 (4	) 17:40
19.	Two numbers are in the ratio 2 : are the numbers ?	3. If the sum of two numbers is 60, what
	(1) 26 and 30 (2	) 20 and 40
	(3) 35 and 25 (4	) 24 and 36
20.	A box contains 30 red balls, 40 bl randomly selected, what is the pr	ue balls, and 50 green balls. If one ball is obability of selecting a red ball ?
	(1) 1/3 (2) 1/2 (3)	) 3/5 (4) 3/7
21.	bar contains the name of with.	the program a computer user is working
	(1) Menu (2) Tools (3	) Title (4) Scroll
22.	WWW is based on which model ?	
	(1) Local Server (2	) 3-tier
	(3) Client Server (4	) None of these

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-D
(4)

Questi No.	on Questions
23.	First computer network of the world is(1) INET(2) NSFNet(3) ARPANET(4) Vnet
24.	Which of the following protocol set the standards for www and a website ?(1) FTP(2) HTTP(3) SMTP(4) TCP/IP
25.	Which of the following is not a search engine ?(1) Google(2) Yahoo(3) Bing(4) Windows
26.	Directions for Q. 26 and Q. 27 :Find out the most similar meaning for the underlined words in the given below questions.This world will be short of one person and his/her contribution.(1) Supplication(2) Provision(3) Input(4) Participation
27.	How can a mother <u>afford</u> to be different ? (1) Bear (2) Provide (3) Give (4) Supply
. 28.	Directions for Q. 28 and Q. 29: Find out the most opposite meaning for the underlined words in the given below questions. The connection is cut off and that part becomes <u>numb</u> .
29.	(1) Lively(2) Responsive(3) Sensitive(4) ActiveSoon it becomes an obsession ?(1) Interest(2) Passion(3) Indifference(4) Pressure
30.	Directions for Q. 30       :         Fill in the blank with suitable preposition.         I cannot agree
CA-EI	E-June, 2023 (Bachelor of Computer Application) Code-D (5)

Questions
What is the smallest unit of living organisms ?(1) Cell(2) Atom(3) Molecules(4) Organism
What is the process by which a solid changes directly into a gas without going through the liquid state ?(1) Sublimation(2) Evaporation
(3) Condensation (4) Melting Which is the most abundant naturally occurring gas in the Earth' atmosphere ?
<ol> <li>Nitrogen</li> <li>Oxygen</li> <li>Carbon Dioxide</li> <li>Argon</li> </ol>
Which of the following is a renewable source of energy ?(1) Coal(2) Natural Gas(3) Solar Power(4) Petroleum
What is the process by which plants convert sunlight into chemical energy ?(1) Photosynthesis(2) Respiration(3) Transpiration(4) Germination
What is the Human Body's largest organ ?(1) Skin(2) Heart(3) Liver(4) Brain
What is the largest planet in our solar system ?(1) Earth(2) Jupiter(3) Mars(4) Saturn
<ul> <li>What happens to the velocity of a heavy body when it undergoes an elastic collision in one dimension with a very light body at rest ?</li> <li>(1) it stops and comes to rest</li> <li>(2) it keeps on moving with the same velocity</li> <li>(3) it starts moving with half of its initial velocity</li> <li>(4) it rebounds with the same velocity</li> </ul>

(6)

Question No.	Questions			
39.	Which of the following principles is used to define the First law of Thermodynamics?			
	(1) Conservation of Mass			
	(2) Conservation of Energy			
	(3) Conservation of Momentum			
	(4) Conservation of Charge			
40.	Which of the following is correct about Convection ?			
	(1) It is possible in solids only			
	(2) It is possible in fluids only			
	(3) It is possible in solids and gases only			
	(4) None of the above			
41.	Which of these parts would interpret a program's instructions to initiate the control operations ?			
	(1) Logic unit (2) Control unit			
	(3) Storage unit (4) Input			
42.	Which of these output devices are used for the translation of information from any computer into a pictorial form on the papers ?			
	(1) Card punch (2) Touch panel			
	(3) Plotter (4) Mouse			
43.	One packet on any data link is called :			
	(1) Group (2) Block			
	(3) Frame (4) Path			
3CA-EI	June, 2023 (Bachelor of Computer Application) Code-D			

Questions Question No. Computer's basic architecture was developed by 44 (2) Charles Babbage John Von Neumann (1)(4) Jordan Murn (3) Blaise Pascal What access method do we use to obtain any record out of a cassette 45.tape? (2) Direct (1) Random (4) All of the above Sequential (3)The computer-assisted method that helps in the recording and analysis of 46.a hypothetical or an existing system is known as : (2) Data capture Data processing (1)(4) Data transmission Data flow (3)Internal memory in a CPU is nothing but 47. (2) A set of ALU (1) A set of registers (4) Bus Microprocessor (3)Program stored in ROM are called 48. (2) Firmware (1) Hardware (4) None of these Software (3)A computer cannot "boot" if it does not have the 49. (2) Loader Compiler (1)**Operating System** (4) Assembler (3)Various applications and documents are represented on the windows 50. desktop by (1) Symbols (2) Labels (3) Graphs (4) Icons BCA-EE-June, 2023 (Bachelor of Computer Application) Code-D

Set-"Y" Code-D

(8)

Question No.	Questions				
	Directions for Q. 51:				
	Fill in the blank with suitable proposition				
51	It rained four bours this morning				
010	(1) for (2) since (2) by $(4) = t$				
	$\begin{array}{cccc} (1) & 101 & (2) & \text{since} & (3) & \text{by} & (4) & \text{at} \\ \end{array}$				
	Fill in the blank with switchle next tenso work				
59	The cat (kill) the not				
04.	(1)  (1)  (2)  (3)  (3)  (3)  (4)  (1)  (1)  (3)  (4)  (1)  (1)  (4)  (1)				
	(1) is killing (2) was killed (3) killed (4) will kill				
53.	It (rain) since 5 pm.				
	(1) has been raining (2) rains				
	(3) is raining (4) was raining				
54.	Select the correct tense form :				
	The train had left.				
	(1) Past perfect (2) Simple past				
	(3) Present perfect (4) Past continuous				
	Directions for Q. 55 and Q. 56 :				
	Select the correct answer given under each passage.				
55.	Refrigerators were considered as luxurious as they were costly and so the rich houses only could afford a fridge. Now-a-days they are no longer luxuries. They are necessary.				
	Refrigerators were in the past. Select the correct answer.				
	(1) Cheap (2) Very cheap (3) Costly (4) More costly				
56.	Comets are luminous celestial bodies moving round the sun. If sny comet is sighted, it is believed that it signals the death of a royal figure. It is considered a superstition.				
	The blind belief is called Select the correct answer.				
	(1) False belief (2) Superstition				
	(3) Wrong belief (4) Bad signal				
	(n 1 1 of Commutan Application) Code-D				
BCA-E	E-June, 2023 (Bachelor of Computer Application) Code-D				

Question No.	Questions
57.	Select the correct sentence.(1) Candy taste sweet(2) Candy tastes sweet(3) Candy tastes sweets(4) Candy taste sweets
58.	<ul> <li>Select the correct sentence.</li> <li>(1) The camera no work</li> <li>(2) The camera did no work</li> <li>(3) The camera does not work</li> <li>(4) The camera no works</li> </ul>
59.	<ul> <li>Directions for Q. 59 and Q. 60 :</li> <li>Out of the given alternatives suggested select the one which best expresses the same sentence in indirect/direct speech.</li> <li>Aditya said to me, "I want to learn French".</li> <li>(1) Aditya told to me that he wanted to learn French</li> <li>(2) Aditya told me that he wanted to learn French</li> <li>(3) Aditya told me that he had wanted to learn French</li> <li>(4) Aditya asked me that he wanted to learn French</li> </ul>
60.	<ol> <li>I said to him, "I will do it for you."</li> <li>(1) I told him that me would do it for him</li> <li>(2) I told him that I would do that for him</li> <li>(3) I told him that I would done that for him</li> <li>(4) I told him that I would have done that for him</li> </ol>
61.	A person crosses a 600m long street in 5 minutes. What is his speed in kmper hour ?(1) 3.6(2) 7.2(3) 8.4(4) 10
62.	A train can travel 50% faster than a car. Both start from point A at the same time and reach point B 75 km away from A at the same time. On the way, however, the train lost about 12.5 minutes while stopping at the stations. The speed of the car is
	(1)       100 kmph       (2)       110 kmph         (3)       120 kmph       (4)       130 kmph
BCA-E	E-June, 2023 (Bachelor of Computer Application) Code-D

(10)

Question No.	Questions					
63.	The ratio between the speeds of two trains is 7 : 8. If the second train runs 400km in 4 hours, then the speed of the first train is :					
	(1) $70 \text{ kmph}$ (2) $75 \text{ kmph}$					
	(3) 84 kmph (4) 87.5 kmph					
64.	Arun purchased 30 kg of wheat at the rate of Rs. 11.50 per kg and 20 kg of wheat at the rate of Rs. 14.25 per kg. He mixed the two and sold the mixture. Approximately what price per kg should he sell the mixture to make 30% profit ?					
	(1) $14.80$ (2) $15.40$					
	(3) 15.60 (4) 16.40					
65.	A tradesman allows a discount of 15% on the written price. How much above the cost price should he mark his goods to make a profit of 19% ? (1) 20% (2) 40% (3) 30% (4) 25%					
66.	Salary of Kumar was increased from Rs. 2,500/- to Rs. 2,800/ The percentage of his rise in salary is $(1) 10\% \qquad (2) 20\% \qquad (3) 12\% \qquad (4) 15\%$					
67.	The percentage of 1/20 is					
	(1) 20% (2) 5% (3) .20% (4) 10%					
68.	White colour is formed when primary colours are mixed in what proportion ?					
	(1) $30:11:59$ (2) $29:12:59$					
	$(3)  30: 12: 59 \qquad (4)  29: 11: 59$					
69.	A number has two digits. The digit in its unit place is x and the digit in its ten's place is y. The value of the number is					
	(1) $10x + y$ (2) $x + 10y$					
	(3) yx (4) xy					
BCA-E	E-June, 2023 (Bachelor of Computer Application) Code-D					

(11)

Question No.		Questio	ns			
70.	Fifteen years from now l is Ravi's present age ?	Ravi's age w	vill be four times his present age. What			
	(1) 5 (2) 8	(3)	7 (4) 3			
71.	Two squares have sides $cm^2$ . Find the sides of the	x cm and (x ne square	x + 4) cm. The sum of their areas is 656			
	(1) 8 cm, 12 cm	(2)	12 cm, 15 cm			
	(3) 6 cm, 10 cm	(4)	16 cm, 20 cm			
72.	If A : B = 3 : 4 and B : C	= 5 : 6, wha	at is A : C?			
	(1)  5:8	(2)	3:6			
	(3)  3:5	(4)	4:6			
73.	The sum of two numbers	s is 40 and t	the difference is 4. Find their ratio :			
	(1) 9:11	(2)	11:9			
	(3) 1:10	(4)	10:1			
74.	If 1500 litres of water are pumped out in 3 hours, how much time is required to pump out 15,000 litres of water ?					
	(1) 30 hrs	(2)	25 hrs			
	(3) 20 hrs	(4)	15 hrs			
75.	If a work is competed in do the same piece of wor	12 days by ·k ?	16 men, how long will 32 men take to			
	(1) 6 days	(2)	8 days			
	(3) 5 days	(4)	4 days			
76.	A train 150m long passe will it pass a bridge 250m	s a telegrap n long ?	phic post in 12 seconds. In what time			
	(1) 36 seconds	(2)	32 seconds			
	(3) 18 seconds	(4)	24 seconds			
card Contractor and an interfactor in the second second						

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-D
(12)

							Code	ļ
Question No.	Questions							
77.	If 4 8 b	men or 7 boy oys take to d	vs can do a wo o the same w	rk in ork ?	29 days ther	n what tim	e will 12 men	anc
	(1)	7 days (2	2) 8 days	(3)	6 days	(4)	9 days	
78.	A, ] are woi	B, C are emp supposed to rk, what shou	loyed to do a do 19/23 of ald A be paid	piece the w ?	e of work for vork and B	· Rs. 529. A and C tog	A and B toget ether 8/23 of	theı
	(1)	Rs. 245		(2)	Rs. 345			
	(3)	Rs. 545		(4)	Rs. 329			
79.	At a oth rec	an election, a er candidate orded.	candidate se by a majority	cures of 29	40% of the 8 votes. Fin	votes but is d the total	s defeated by number of vo	the otes
	(1)	1290		(2)	1190			
	(3)	1390		(4)	1490			
80.	Wh Fin	en 75% of a d the number	number is ad r.	ded t	o 75, the re	sult is the	e number aga	in.
	(1)	250		(2)	400			
	(3)	300		(4)	200			
81.	Rec Bra	ently which c hMos ?	ountry succes	sfully	test-fired th	e supersor	nic cruise miss	ile
	(1)	India		(2)	Nepal			
	(3)	Pakistan		(4)	Bangladesh	L		
82.	Which gas is used in the refrigerator ?							
	(1)	Oxygen		(2)	Nitrogen			
	(3)	Carbon		(4)	Freon			

(13)

Question No.	3	Que	estic	ons	
83.	Wł	nich one is the largest ocean	in t	the world ?	
	(1)	Atlantic Ocean	(2)	Indian Ocean	
	(3)	Pacific Ocean	(4)	Arctic Ocean	
84.	Wh	o discovered penicillin ?			
	(1)	Alexander Fleming	(2)	Albert Einstein	
	(3)	Isaac Newton	(4)	Thomas Edison	
85.	Which planet is known as the "Red Planet" ?				
	(1)	Venus	(2)	Mars	
	(3)	Jupiter	(4)	Saturn	
86.	Whe	o is the discoverer of electr	ons	?	
	(1)	J. J. Thomson	(2)	Kalam Azad	
	(3)	J. Thomas	(4)	Darwin	
87.	Who is the current Prime Minister of the United Kingdom ?				
	(1)	Rishi Sunak	(2)	Angela Merkel	
	(3)	Justin Trudeau	(4)	Boris Johnson	
88.	Apart from the national anthem of India, Rabindranath Tagore wrote the national anthem of which one other country ?				
	(1)	China	(2)	Pakistan	
	(3)	Sri Lanka	(4)	Bangladesh	
89.	Whe	n did Nagaland become a fo	orma	al state of India ?	
	(1)	1963	(2)	1964	
	(3)	1965	(4)	1969	
	na bar		~		

BCA-EE-June, 2023 (Bachelor of Computer Application) Code-D
(14)

Question No.	Questions					
90.	When was the "National Vayoshri Yojana" launched ?					
	(1) $1^{st}$ April 2016 (2) $1^{st}$ July 2016					
	(3) $1^{st}$ July 2017 (4) $1^{st}$ April 2017					
91.	If A implies B, and B implies C, what can you conclude ?					
	(1) A implies C (2) C implies A					
	(3) A is true (4) B is false					
92.	What is the missing number in the sequence : 2, 4, 6, 8,, 12, 14?					
	(1) 9 (2) 10					
	(3) 11 (4) 13					
93.	Choose a word that is different from the rest					
	(1) Chicken (2) Snake					
	(3) Frog (4) Swan					
94.	FBG, GBF, HBI, IBH,?					
	(1) HBL (2) HBK					
	(3) JBK (4) JBI					
95.	Which alternative will replace the question mark ?					
	Cup:Lip::Bird: ?					
	(1) Bush (2) Grass (3) Forest (4) Beak					
3CA-EF	E-June, 2023 (Bachelor of Computer Application) Code-D					

Question No.	Questions
96.	Look at this series : 8, 6, 9, 23, 87, what number should come next?
	(1) 126 (2) 224 (3) 324 (4) 429
97.	Arrange the words given below in a meaningful sequence.
	a. Police, b. Punishment, c. Crime, d. Judge, e. Judgment
	(1) c, a, b, d, e (2) a, b, d, c, e
	(3) e, d, c, b, a (4) c, a, d, e, b
98.	Statements :
	I - The government has imposed a fine on people who litter in public places.
	<li>II - The Cleanliness of public places has improved significantly in the recent past.</li>
	(1) Statement I is the cause and statement II is its effect.
	(2) Statement II is the cause and statement I is its effect.
	(3) Both statements I and II are independent causes.
	(4) Both statements I and II are effects of independent causes.
99.	Choose the odd number from the given list-
	(1) 17 (2) 13 (3) 27 (4) 19
100.	Statements :
	I - The importance of meditation is being realized by all sections of
	society.
	II - There is an increasing awareness about mental and physical health in society, particularly among middle-aged groups of people.
	(1) Statement -II is the common effect and statement I is the independent cause.
	(2) Statement-I is the effect and statement-II in its cause.
	(3) Statements I and II are different independent causes.
	(4) Statements I and II are effects of independent causes
BCA-E	E-June, 2023 (Bachelor of Computer Application) Code-D

1 2 3 4	1	2	1	4
2 3 4			-	4
3 4	4	3	1	2
4	2	4	1	2
4	1	1	3	<u></u>
E	2	2	1	
5	2	2	1	Z
D 	1	3	1	
/	1	2	2	3
8	4	1	2	3
9	1	2	2	1
10	4	1	2	3
11	11	3	4	3
12	2	2 34	11	3
13	1	3	2	1
14	3	2	1	1
15	4	4	1	1
16	4	3	2	2
17	4	1	1	2
18	1	3	2	2
19	3	3	4	4
20	2	1	3	3
21	1	4	1	3
22	1	2	3	2
22	1	2	3	3
23	2	1	1	2
24	3	4		2A
25	1	2	2	4
26	1	4	2	3
2/	2	3	2	1
28	2	3	3	3
29	2	1	2	3
30	2	3	2	1
31	3	1	3	1
32	3	4	2	1
33	1	3	3	1
34	1	1	2	3
35	1	2	4	1
36	2	1	3	1
37	2	1	1	2
38	2	4	3	2
39	4	1	3	2
40	3	4	1	2
41	2	4	1	2
42	3	1	2	3
43	4	2	1	3
44	4	1	3	1
45	2	1	4	2
46	2	2		2
40	2 1	1	4	1
4/	2		4	
48	1	۷		2
49	2	4	3	3

Page 1 of 2

236/27

23/06/23

	ANSWER KEYS OF	B.C.A. COURSE FOR	SESSION 2023-24	1
Q. NO.	A	В	С	D
51	4	2	3	1
52	1	3	3	3
53	2	3	1	3
54	1	1	1	1
55	1	3	1	3
56	2	3	2	2
57	1	1	2	2
58	2	2	2	3
59	4	3	4	2
60	3	4	3	2
61	2	1	1	2
62	3	1	4	3
63	3	1	3	4
64	1	3	1	4
65	3	1	2	2
66	3	1	1	3
67	1	2	1	2
68	2	2	4	1
69	3	2	1	2
70	1	2	4	1
70	2	1	2	4
71		2	2	1
72	2	1	5	2
73	3	2	4	1
74	2	. 3	4	1
75	4	4	2	2
/6	3	4	2	1
	1	4	2	2
78	3			2
79	3	3	2	4
80	1	2	1	3
81	1	1	4	1
82	3	3	2	4
83	3	3	2	3
84	11	1	4	
85	3	3	2	2
86	2	2	4	1
87	2	2	3	1
88	3	3	3	4
89	2	2	1	1
90	2	2	3	4
91	4	3	2	11
92	2	3	3	2
93	2	1	3	1
94	4	1	1	3
95	2	1	3	4
96	4	2	3	4
97	3	2	1	4
98	3	2	2	1
99	1	4	3	3
100	3	3	4	2

Page 2 of 2

Grep 23/6/23 23/06/23