## Paper Code : 22 Sr. No. ...... COMPUTER SCIENCE & APPLICATION [Paper-III]

Sig	nature and Name of Invigilator	OMR Sheet No.:
1.	(Signature)	(To be filled by the candidate)
	(Name)	Roll No.
2.	(Signature)	
~-	(Name)	(In Figures as per admission card)
	(Name)	Roll No.
		(In words)
Ti	ne : 2½ Hours]	[Maximum Marks : 150
Νυ	mber of Pages in this Booklet : 16	Number of Questions in this Booklet: 75
_	Instructions for the Candidates	परीक्षार्थियों के लिए निर्देश
1.	Write your roll number in the space provided on the top	
	of this page.	· · · · · · · · · · · · · · · · · · ·
2.	This paper consists of seventy five multiple-choice type	2. इस प्रश्न-पत्र में पिच्हेत्तर बहुविकल्पीय प्रश्न हैं।
	of questions.	<ol> <li>परीक्षा प्रारम्भ होने पर, प्रश्न-पुस्तिका आपको दे दी जायेगी। पहले पाँच</li> </ol>
3.	At the commencement of examination, the question	मिनट आपको प्रश्न-पुस्तिका खोलने तथा उसकी निम्नलिखित जाँच के
	bookelt will be given to you. In the first 5 minutes, you are requested to open the booklet and compulsorily	लिए दिये जायेंगे, जिसकी जाँच आपको अवश्य करनी है :
	examine it as below:	· (i) कवर पृष्ठ पर छपे निर्देशानुसार प्रश्न-पुस्तिका के पृष्ठ तथा प्रश्नों
	(i) Tally the number of pages and number of questions	की संख्या को अच्छी तरह चैक कर लें कि ये पूरे हैं। दोषपूर्ण
	in the booklet with the information printed on the	पुस्तिका जिनमें पृष्ठ/प्रश्न कम हों या दुबारा आ गये हों या सीरियल
	cover page. Fault booklets due to pages/questions	में न हों अर्थात् किसी भी प्रकार की तुटिपूर्ण पुस्तिका स्वीकार न
	missing or duplicate or not in serial order or any	करें तथा उसी समय उसे लौटाकर उसके स्थान पर दूसरी सही
	other discrepancy should be got replaced	
	immediately by a correct booklet from the	प्रश्न-पुस्तिका ले लें। इसके लिए आपको पाँच मिनट दिये जायेंगे।
	invigilator within the period of 5 minutes.  Afterwards, neither the Question Booklet will be	उसके बाद न तो आपको प्रश्न-पुस्तिका वापस ली जायेगी और न
	replaced nor any extra time will be given.	ही आपको अतिरिक्त समय दिया जायेगा।
	(ii) After this verification is over, the OMR Sheet	(ii) इस जाँच के बाद OMR पत्रक की क्रम संख्या इस प्रश्न-पुस्तिका
	Number should be entered on this Test Booklet.	पर अंकित कर दें।
4.	Each item has four alternative responses marked (A), (B),	4. प्रत्येक प्रश्न के लिए चार उत्तर पत्रक विकल्प (A), (B), (C) तथा (D)
	(C) and (D). You have to darken the oval as indicated	दिये गये हैं। आपको सही उत्तर के दीर्घवृत्त को पेन से भरकर काला
	below on the correct response against each item.  Example: (A) (B) (D)	करना है जैसा कि नीचे दिखाया गया है।
	where (C) is the correct response.	उदाहरण : <u>(A)</u> (B) • D
5.	Your responses to the items are to be indicated in the	जबकि (C) सही उत्तर है। 5. प्रश्नों के उत्तर केवल प्रश्न पत्र I के अन्दर दिये गये उत्तर-पत्रक पर ही
	Answer Sheet given inside the Paper I Booklet only. If	<ol> <li>प्रश्नों के उत्तर केवल प्रश्न पत्र I के अन्दर दिये गये उत्तर-पत्रक पर ही अंकित करने हैं। यदि आप उत्तर पत्रक पर दिये गये दीर्घवृत्त के अलावा</li> </ol>
	you mark at any place other than in the ovals in the	किसी अन्य स्थान पर उत्तर चिह्नांकित करते हैं, तो उसका मूल्यांकन
,	Answer Sheet, it will not be evaluated.	नहीं होगा।
6. 7.	Read instructions given inside carefully.	<ol> <li>अन्दर दिये गये निर्देशों को ध्यानपूर्वक पहें।</li> </ol>
8.	Rough Work is to be done in the end of this booklet.  If you write your name or put any mark on any part of	<ol> <li>कच्चा काम (Rough Work) इस पुस्तिका के अन्तिम पृष्ठ पर करें।</li> </ol>
0.	the test booklet, except for the space allotted for the	<ol> <li>यदि आप उत्तर-पुस्तिका पर अपना नाम या ऐसा कोई भी निशान करते</li> </ol>
,	relevant entries, which may disclose your identity, you	हैं तो परीक्षा के लिये अयोग्य घोषित कर दिये जायेंगे।
	will render yourself liable to disqualification.	<ol> <li>आपको परीक्षा समाप्त होने पर प्रश्न-पुस्तिका एवं OMR उत्तर-पत्रक</li> </ol>
9.	You have to return the test question booklet and OMR	निरीक्षक महोदय को लौटाना आवश्यक है और परीक्षा समाप्ति के बाद
	Answer sheet to the invigilators at the end of the	उसे अपने साथ परीक्षा भवन से बाहर न लेकर जायें।
	examination compulsorily and must not carry it with you	10. परीक्षा समाप्ति पर परीक्षार्थी OMR उत्तर-पत्रक की कार्बन कापी अपने
10	outside the Examination Hall. Students can take home carbon copy of this OMR	साथ ले जा सकते हैं।
10.	answer sheet.	11. केवल नीले/काले बाल प्वाईंट पेन का ही इस्तेमाल करें।
11.	Use only Blue/Black Ball point pen.	12. किसी भी प्रकार का संगणक (केलकुलेटर) या लाग टेबल ओदि का
	Use of any calculator or log table etc., is prohibited.	प्रयोग वर्जित है।
13.	There is no negative marks for incorrect answers.	13. गलत उत्तरों के लिए कोई अंक काटे नहीं जाएँगे।

## Paper Code: [22] Paper-III [COMPUTER SCIENCE & APPLICATION]

Note नोट :	2 C 2	choice questions, each question carrying two (2) marks.
1.	A micro-instruction is to be designed to speci	
	(i) none or one of the three micro-operations	of one kind, and
	(ii) none or upto six micro-operations of anot	
	The maximum number of bits in the micro-in	struction is:
	(A) 9	(B) 5
	(C) 8	(D) None of these
2.	In 8085 microprocessor system, the direct ad-	
	(A) MoV A, B	(B) MOV B, OAH
	(C) MOV C, M	(D) STA adder
3.	In 8085 microprocessor, the value of the n	nost significant bit of the result following the
	execution of any arithmetic or boolean instru	
	(A) Carry status flag	(B) Auxiliary carry status flag
	(C) Sign status flag	(D) Zero status flag
4.	Number of machine cycles required for RET	instruction in 8085 is:
	(A) 1	(B) 2
•	(C) 3	(D) 5
5.	Which of the following devices should get h	igher priority in assigning interrupts?
	(A) Hard Disk	(B) Printer
	(C) Keyboard	(D) Floppy disk
6.	Relations produced from on E-R model will	always be in:
	(A) 1NF	(B) 2NF
	(C) 3NF	(D) 4NF
7.	A primary key, if combined with a foreign k	ey creates:
	(A) Parent child relationship between the tal	bles that connect them
	(B) Many to many relationship between the	tables that connect them
	(C) Network model between the tables conn	ect them
	(D) None of the above	
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Given the following relation instance:

X	Y	Z
. 1	4.	2
1	5	3 .
1	6	3 -
3	2	2

			_	11	il - instance ?
	C. 11	a functional	dependencie	s are satisfied t	y the instance?
Which of the	HOHOWIE	g michonai	dependence.	J 442 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	•
11 111011 07 01-1		_			

- (A)  $XY \rightarrow Z$  and  $Z \rightarrow Y$
- (B)  $YZ \rightarrow X$  and  $Y \rightarrow Z$
- (C)  $YZ \rightarrow X$  and  $X \rightarrow Z$
- (D)  $XZ \rightarrow Y$  and  $Y \rightarrow X$
- Functional dependencies are a generalization of:
  - (A) Key dependencies
- (B) Relation dependencies
- (C) Database dependencies
- (D) None of these
- 10. A relational database management package manages data in more than one file at once. How does it organize these files? As:
  - (A) Tables

(B) Relations

(C) Tuple

- (D) Both (A) and (B) above
- 11. In computer graphic transformation process we use homogeneous coordinate system, because of any one or more of the following reasons:
  - (i) It is simpler to use
  - (ii) Matrix operation can be uniformly applied to all the modes of transformation
  - (iii) Scaling cannot be done in cartesian coordinate system
  - (iv) Linear movement can be done with Matrix operation in homogeneous coordinate system
  - (A) (i) only

(B) (ii) only

(C) (i) & (iii)

- (D) (ii) & (iv)
- 12. We can atmost have three vanishing points during perspective projection, because:
  - (i) There are only 3-coordinates
  - (ii) Since we are considering a solid body
  - (iii) Projection has this feature
  - (iv) You can have as many vanishing points as defined by the solid
  - (A) (i) only

(B) (ii) only

(C) (i) & (iii)

(D) (iv)

13.	Cyrus-Back algorithm can be applied to any shape of window, whereas other clipping algorithm have limitations:
	(i) C-B can be applied in 2D & 3-D both
	(ii) C-B can be applied to convex, as well as concave with certain innovation
	(iii) Extension of other algorithms from 2-D to 3-D is very difficult
	(iv) C-B cannot be applied to concave surfaces
	(A) (i) only (B) (i) & (ii)
	(C) (iv) (D) (i), (ii) & (iii)
14.	A few decades earlier interactive graphic was not possible, because of:
	(i) non availability of interactive hardware
	(ii) non availability of interactive software
	(iii) low speed of processing
	(iv) none of these
	(A) (i) only (B) (ii) only
	(C) (iii) only (D) (iv) only
15.	Today it is not possible to represent million of colours because of only three main colours RGB, whereas the nature has seven colour of rainbow:
	(i) Not true, with RGB, theoretically with proper combination we can represent almost all the colours available in the nature
	(ii) With RGB, you can have only 256 different types of colours
	(iii) Three main colours cannot replace seven colours of the nature
	(iv) None of these
	(A) (i) only (B) (ii) only
	(C) (iii) only (D) (iv) only
16.	Which one of the following grammer is ambiguous?
	$(A) S \rightarrow OS 1/01 \qquad (B) S \rightarrow S(S) S   \epsilon$
	(C) $S \rightarrow aSb S bSaS  \in$ (D) Both (b) and (c)

17.	Consider	the	following	grammer	:
-----	----------	-----	-----------	---------	---

 $S \to aSbS|bSaS| \in$ 

How many different parse trees are possible for string ababab?

(A) 2

(B) 3

(C)4

(D) 5

## 18. Consider the following grammer:

 $S' \to S\#$ 

 $S \rightarrow AB$ 

 $A \to a | \in$ 

 $B \to b | \in$ 

What can you conclude about the statement, "The given grammer is in LL(1)"?

- (A) The statement is true.
- (B) The statement is false because the grammer contains  $\in$ .
- (C) The statements is false because grammer is ambiguous.
- (D) Data is insufficient for concluding anything.
- 19. Consider the following grammer:

 $S \rightarrow AA$ 

 $A \rightarrow aAlb$ 

Statement: in the parsing table constructed from the given grammer no shift-reduce conflict will be there.

Which of the following is true regarding the given statement?

- (A) The above statement is correct.
- (B) The above statement is incorrect because of the production  $S \to AA$ .
- (C) The above statement is incorrect because of the product  $A \rightarrow aA/b$ .
- (D) Data is insufficient.

	Consider the following languages:	
	L1: $A'' A^{2n} n > 0$	
	$L2: A^nB^{2n}C^n, n > 0$	•
	Then which of the following is true?	
	(A) L1 but not L2 is LR (k)	(B) L2 but not L1 is LR (k)
	(C) Both L1 and L2 are LR(k)	(D) None of L1 and L2 are LR(k)
21.	Slotted ALOHA:	
	(A) Required global time synchronization	(B) Divide time into discrete intervals
	(C) Both (a) and (b)	(D) None of these
22.	For shop-and-wat flow control, for n data needed?	packets sent, how many acknowledgments
	(A) n	(B) $n + 1$
	(C) 2n	(D) n – 1
23.	A device that links two homogenous packet	s broadcast local networks, is:
	(A) gateway	(B) bridge
	(C) hub	(D) None of these
24.	When data is transmitted from device A to	B, the header from A's layer 5 is read by B's:
	(A) Physical layer	(B) Transport layer
	(C) Session layer	(D) Presentation layer
25.	Consider the following possible data structu	res for a set of n distinct integers.
	I. A min-heap	
	II. An array of length $n$ sorted in increasing	order
	III. A balanced binary search tree	
	For which of these data structures is the null largest element $O(\log n)$ in the worst case?	mber of steps needed to find and remove the
	(A) I only	(B) II only
	(C) I and II	(D) II and III
P.C	22-COM. SCI. & APPIII/800 5	P.T.

	26.	Let $k$ be an integer greater than 1. Which	of the following represents the order of growth of
		the expression $\sum_{i=1}^{n} k^{i}$ as a function on $n$ ?	
		$(A) O(k^n)$	(B) $O(k^n \log n)$
		(C) O $(k^n \log n)$	(D) O (k <sup>2kn</sup> )
	27.	Of the following problems concerning a g to be solvable in polynomial time?	iven undirected graph $G$ , which is currently known
		(A) Finding a longest simple cycle in G	(B) Finding a shortest cycle in G
		(C) Finding ALL spanning trees of G	(D) Finding a largest clique in G
	28.	For a connected, undirected graph $G = (V,$	E), which of the following must be true?
		I. $\sum_{v \in V}$ degree $(v)$ is even.	
		II. $ E  \ge  V  - 1$	
		III. G has at least one vertex with degree 1	
		(A) I only	(B) II only
		(C) III only	(D) I and II
	29.	The time complexity of computing the tra- elements is known to be:	ansitive closure of a binary relation on a set of n
		(A) $0(n^3)$	(B) $0(n^{3/2})$
		(C) $0(n)$	(D) None of these
•	30.	The highest lower bound on the number of based sorting is of the order of:	of comparisons in the worst case, for comparision
ı		(A) n log n	(B) $n^2$
		(C) n	(D) None of these
	31.	A subsystem of a complex system:	
		(i) should be reusable in other complex sys	stem
		(ii) must not be able to inherit the properties	
		(iii) must have clearly specified responsibil	lities
		(iv) must know the stimuli to which it shou	ıld respond
		(A) i, ii, iii	(B) ii, iii, iv
•		(C) i, iii, iv	(D) i, ii, iv
	P.C	22-COM. SCI. & APPIII/800	6
		•	

	(A) A copy of the static member is shared by	all objects of a class			
	(B) A copy is created only when at least one	object is created from that class			
<ul><li>(C) A copy of the static member is created for each instantiation of the class</li><li>(D) No memory is allocated for static members of a class</li></ul>					
33.	Which statement is <i>not</i> true?				
	(A) An HTML document can be displayed in	any internet browser			
	(B) HTML is used to change the formatting of	of the displayed text			
	(C) An HTML document is created with an H	HTML development editor			
	(D) All of the above				
34.	. The tag used in HTML to link it with other $\boldsymbol{U}$	JRL's is:			
	(A) <a></a>	(B) <h></h>			
	(C) <u></u>	(D) <l></l>			
35.	HTML uses:				
	(A) pre-specified tags	(B) user defined tags			
	(C) tags only for linking	(D) fixed tags defined by the language			
36.	During the data gathering phase of system ar	nalysis:			
	(A) problem flowcharts are often prepared				
	(B) system design specification are outlined		•		
	(C) a no. of specilized forms may be prepare	d ,			
	(D) none of these				
37.	First step of implementation phase is:				
	(A) Select computer	(B) Implementation planning			
	(C) Prepare physical facilites	(D) None of these			
38.	Iterative enhancement model is a:				
	(A) 3 stages	(B) 6 stages			
	(C) 4 stages	(D) None of these	5%		
P.C	22-COM. SCI. & APPIII/800 7		P.T.O.		

32. How many copies of a class static member are shared between objects of the class?

- 39. Risk management refers:
  - (A) List of potential risk
- (B) Prioritized list of risk

(C) Risk avoidance

- (D) Risk assessment
- **40.** Regression testing is known as:
  - (A) The process of retesting the modified parts of software
  - (B) Process of testing the design document
  - (C) Review the SRS
  - (D) None of these
- 41. The following program consists of 3 concurrent processes and 3 binary semaphores. The semaphores are initialized as S0 = 1, S1 = 0, S2 = 0.

Process P0	Process P1	Process P2
while (true) {	wait (S1);	wait (S2);
wait (S0); print '0'	Release (S0);	release (S0);
release (S1);		
release (S2);		
}		

How many times will process P0 print '0'?

(A) At least twice

(B) Exactly twice

(C) Exactly thrice

- (D) Exactly once
- 42. A CPU generally handles an interrupt by executing an interrupt service routine :
  - (A) As soon as an interrupt is raised
  - (B) By checking the interrupt register at the end of fetch cycle
  - (C) By checking the interrupt register after finishing the execution of the current instruction
  - (D) By checking the interrupt register at fixed time intervals
- **43.** Which of the following is NOT a reasonable justification for choosing to busy-wait on an asynchronous event?
  - (A) The wait is expected to be short
  - (B) A busy-wait loop is easier to code than an interrupt handler
  - (C) There is no other work for the processor to do
  - (D) The program executes on a time-sharing system

	(A) 30 ·	(B) 14			
	(C) 10	(D) None of these			
45.	RIM stands for :				
	(A) Reset interface mask	(B) Reset interrupt mask			
	(C) Read interrupt mask	(D) Read interface mask			
46.		s were used for solving structured problems, but puters to solve unstructured problems and decision start thinking like human beings because:			
	(i) Expert systems are just thinking & rea	soning system.			
	(ii) Computers can be trained to solve uns	tructured probelms.			
	(iii) Computers cannot think, because these are machines and would perform only what is programmed to do.				
	(iv) Advancing trend shows computers wi	ll become Smarter day by day.			
	(A) (i) only	(B) (ii) only			
	(C) (iii) only	(D) (i), (ii) & (iii)			
47.	Term AI is misnomer, because AI is nothing what smart programming. It is scientist who program to say play chess, on computer is one of the important examples of AI. Identify correct statements:				
	(i) It is true, intellgence in computer is th	e result of programmes effect.			
	(ii) It is not true, as computer once trained can learn to solve other problems.				
	(iii) Some of the problems which are trivio difficult for computer. So computer is	I for human like reading, speaking & listening is not intelligent.			
	(iv) all of these	•			
	(A) (i) only	(B) (ii) only			
	(C) (iii) only	(D) (iv) only			
P.C	22-COM. SCI. & APPIII/800 9	P.T.O.			

44. How many address lines are required to access 30K memory system:

	•	
	<b>48.</b> Under estimation of heuristic fun or long search because :	action in best-first search procedure may lead to unendin
	(i) This may lead to search of w	rong leaf.
	(ii) It does not matter, ultimately	we will get the result.
	(iii) System can correct.	
	(iv) None of these	
	(A) (i) only	(B) (ii) only
	(C) (iii) only	(D) (iv) only
	49. Expert system is also Decision Su	pport System, because :
	(i) It provides if and then consecutive	quence.
	(ii) It can be used in association	with other DSS.
	(iii) (i) & (ii) above	
	(iv) None of these	
	(A) (i) only	(B) (ii) only
	(C) (iii)	(D) (iv)
	50. Which computer language was us	ed for development of expert system MYCIN?
٠.	(i) LISP	(ii) PROLOG
;	(iii) FORTRAN	(iv) None of these
	(A) (i) only	(B) (ii) only
	(C) (iii) only	(D) (iv)
	<b>51.</b> Let $L \subseteq \Sigma^*$ where $\Sigma = \{m, n\}$ , the	en which of the following is false?
	(A) $L = \{m^c n^d \mid c \ge 1, d \ge 1\}$ is reg	rular
	(B) $L = \{x \mid \text{There are more m then}\}$	n n} is not regular
	(C) $L = \{m^a n^a \mid a \ge 1\}$ is regular	
	(D) $L = \{x \mid x \text{ has an equal numbe}\}$	r of m's and n's} is not regular
· ·	<b>52.</b> Let $\Sigma = \{a, b\}$ , $L = \Sigma^*$ and $R \{a \text{ respectively : }$	$a^nb^n$ such that $n \ge 0$ . Then the languages LLR and R are
	(A) Regular, Regular	(B) Not Regular, Regular
	(C) Regular, Not Regular	(D) Not Regular, Not Regular

53.	Consider the following statements:		
	(i) $r + (s + t) = (r + s) + t$	(ii) $r(s+t) = rs + rt$	•
	(iii) (rs) * t = r(st) *		***
	Which of the above are true about reg	gular expression r, s and t?	
	(A) (i) only	(B) (i) and (ii)	
	(C) (i), (ii) and (iii)	(D) None of these	
54.	Let R <sub>1</sub> and R <sub>2</sub> regular sets defined over	er the alphabet Z then which of the	he following is
	(A) R₁ U R₂ is regular	(B) Z-R <sub>1</sub> is regular	
	(C) R <sub>1</sub> * is not regular	(D) Both (a) and (b)	
55.	The class of context-free language is a	not closed under:	
	(A) Concatenation	(B) Intersection	
	(C) Union	(D) None of these	
56.	To gurantee the <i>detection</i> of upto 5 er block code must be:	rors in all cases, the minimum I	lamming distar
	(A) 5	(B) 6	
	(C) 11	(D) 7	the state of the s
<b>57.</b>	To gurantee <i>correction</i> of upto 5 error block code must be	ors in all cases, the minimum H	lamming distan
	(A) 5	(B) 6	
	(C) 11	(D) 7	
58.	Hamming distance between equal code	ewords is	
	(A) 1	(B) n	
	(C) 0	(D) $n^2$	
59.	Hamming distance between 100 and 0	01 is :	•
	(A) 2	(B) 0	
	(C) 1	(D) None of the above	
60.	High data compression in audio/video	is associated with:	
	(A) Increased processing time	(B) Increased transmission	on time
	(C) Increased channel error rate	(D) Poor reconstruction	124

**61.** An organization has four programs who have to be assigned programmer to be developed. Estimated time by each expert is given below:

Programs
----------

	A	В	С	D
1	120	100	80	90
2	80	90	110	70
3	110	140	120	100
4	90	90	80	90

· Programmers

State which option leads to minimum time:

	1	2	3	4	
(A)	C	Α	D	В	
(B)	A	В	C	D	
(C)	Α	C	В	D	
(D)	C	Α	D	В	

- **62.** Identify the following statements are eithest True (T)/False (F):
  - (i) The earliest finish time for an activity depends on the earlier finish time for the project.
  - (ii) All activites on the critical path have their latest time equal to their start time.
    - (i) (ii)
  - (A) T T
  - (B) T F
  - (C) F T
  - (D) F F
- 63. The marginal cost of crashing a network could change when:
  - (A) The activity being crashed reaches its crash time.
  - (B) The activity being crashed reaches a point where another path is also critical.
  - (C) Both (A) & (B)

(D) None of these

**64.** Consider the following LPP:

$$Z = 80x_1 + 120x_2$$

$$x_1 + x_2 \le 9$$

$$20x_1 + 50x_2 \le 360$$

$$x_1 \ge 2$$

$$x_2 \ge 3$$

$$x_1 \ge 0, x_2 \ge 0$$

which of the following  $(x_1, x_2)$  is optimal solution of the problem?

- **65.** The drawback to using transportation problem method is solving an assignment problem is that:
  - (A) A degeneracy results from every improvement in the total cost.
  - (B) The assignment problem can't be formulated as a Transportation problem.
  - (C) The assignment problem is an unbalanced transportation problem.
  - (D) Too many alternative optimal result.
- 66. What is the main difference between probability and fuzzy logic?
  - (A) Fuzzy logic is probability in disguise.
  - (B) Fuzzy logic is the likelihood of an event occuring and probability is the extent of that event.
  - (C) Probability is ADDITIVE, meaning all its values must add up to one.
  - (D) Probability dissipates with decreasing information.
- **67.** Where is the minimum criterion used?
  - (A) When there is an AND operation
- (B) When there is an OR operation
- (C) In De Morgan's theorem
- (D) None of the above
- **68.** Neural network is based on the principle of working of human neurons. Why NN was not successful till feedback was addea?
  - (A) Because human also learns by feedback
  - (B) During learning process of NN prough feed back we force output from input
  - (C) Feed back helps to correct the errors and improve input-output relation
  - (D) All the above

O	9.	practice:	es. Are these based on some logic of just markery
		(A) Just a marketing approach	
		(B) Based on scientific reasoning	
		(C) Based on Fuzzy logic, the machines/blad	les are provided special features
		(D) Both (B) & (C)	
7	70.	Fuzzy set is like normal set, but is not have some natural features because:	ng discrete cut off. This helps in better defining
		(A) It is difficult to define absolute beauty.	
		(B) Long or tall has no meaning until or unle	ess compared.
		(C) Fuzzy set is another confusing approach	•
		(D) Both (A & B)	
7	71.	When a user delete a file, empties the recycle	e bin, what happens to the file?
	٠	(A) Sector hard drive and blanked/erased	(B) Clusters are flushed
		(C) The file is moved to c:/windows/temp	(D) Associated entries in the FAT are removed
•	72.	Multithreading performance depends on	
		(A) Calculation and Size of input data	(B) Hardware
		(C) Operating system	(D) All of the above
•	73.	On what platform is multithreading support	ed ?
		(A) IDL 5.5	(B) IDL 5.6
		(C) Support on all platform	(D) None of these
,	74.	Which of the following is not a communication	tion command?
		(A) Write	(B) Mesg
		(C) mail	(D) grep
	75.	Which command is used to change the protect with 1, 2, or 3?	ction mode of files with the string emp and ending
		(A) Chmod $u + x$ emp $[1-3]$	(B) Chmod 777 emp*
		(C) Chmod u + r??? emp	(D) Chmod 777 emp?
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