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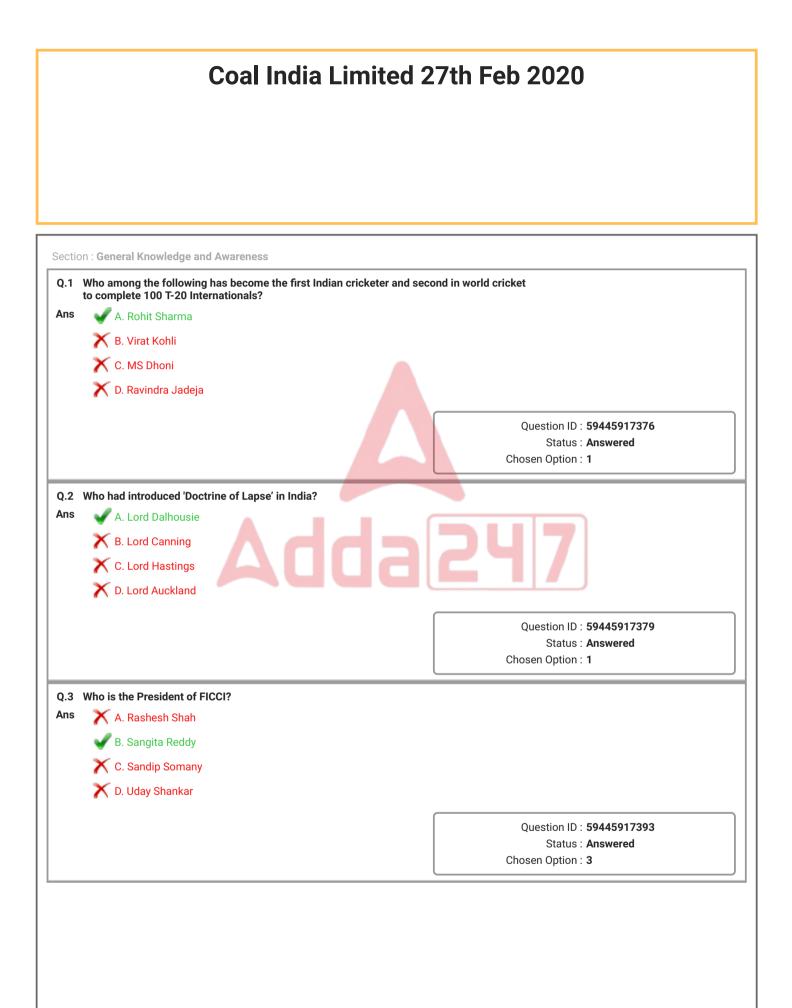




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าร	🗙 A. Sikkim	
	🖌 B. Punjab	
	🗙 C. Madhya Pradesh	
	🗙 D. Maharashtra	
		Question ID : <b>59445917377</b> Status : <b>Answered</b>
		Chosen Option : 2
	Who is the first Indian to be nominated as the General Vice Pr Organisation Development Association (IODA)?	resident of International
าร	🗙 A. Sangita Reddy	
	✔ B. Vinaya Shetty	
	🗙 C. Uday Shankar	
	🗙 D. Arvind Singh	
		Question ID : 59445917392 Status : Answered
		Chosen Option : 1
	Nabakalebara is the festival of which of the following state?	
	Nabakalebara is the festival of which of the following state? A. Kerala B. Karnataka C. Odisha D. Andhra Pradesh	a 247
.6 ns	<ul> <li>A. Kerala</li> <li>B. Karnataka</li> <li>C. Odisha</li> </ul>	Question ID : <b>59445917378</b>
	<ul> <li>A. Kerala</li> <li>B. Karnataka</li> <li>C. Odisha</li> </ul>	Question ID : 59445917378 Status : Answered
	<ul> <li>A. Kerala</li> <li>B. Karnataka</li> <li>C. Odisha</li> </ul>	Question ID : <b>59445917378</b>
1S 7	<ul> <li>A. Kerala</li> <li>B. Karnataka</li> <li>C. Odisha</li> <li>D. Andhra Pradesh</li> </ul> The Amazon rainforest is spread over in countries.	Question ID : 59445917378 Status : Answered
าร	<ul> <li>A. Kerala</li> <li>B. Karnataka</li> <li>C. Odisha</li> <li>D. Andhra Pradesh</li> </ul> The Amazon rainforest is spread over in countries. A. 5	Question ID : 59445917378 Status : Answered
ns .7	<ul> <li>A. Kerala</li> <li>B. Karnataka</li> <li>C. Odisha</li> <li>D. Andhra Pradesh</li> </ul> The Amazon rainforest is spread over in countries. <ul> <li>A. 5</li> <li>B. 3</li> </ul>	Question ID : 59445917378 Status : Answered
1S 7	<ul> <li>A. Kerala</li> <li>B. Karnataka</li> <li>C. Odisha</li> <li>D. Andhra Pradesh</li> </ul> The Amazon rainforest is spread over in countries. <ul> <li>A. 5</li> <li>B. 3</li> <li>C. 9</li> </ul>	Question ID : 59445917378 Status : Answered
ns .7	<ul> <li>A. Kerala</li> <li>B. Karnataka</li> <li>C. Odisha</li> <li>D. Andhra Pradesh</li> </ul> The Amazon rainforest is spread over in countries. <ul> <li>A. 5</li> <li>B. 3</li> </ul>	Question ID : 59445917378 Status : Answered
ns .7	<ul> <li>A. Kerala</li> <li>B. Karnataka</li> <li>C. Odisha</li> <li>D. Andhra Pradesh</li> </ul> The Amazon rainforest is spread over in countries. <ul> <li>A. 5</li> <li>B. 3</li> <li>C. 9</li> </ul>	Question ID : 59445917378 Status : Answered Chosen Option : 3
ns .7	<ul> <li>A. Kerala</li> <li>B. Karnataka</li> <li>C. Odisha</li> <li>D. Andhra Pradesh</li> </ul> The Amazon rainforest is spread over in countries. <ul> <li>A. 5</li> <li>B. 3</li> <li>C. 9</li> </ul>	Question ID : 59445917378 Status : Answered





Q.8 Ans	Which of the following can be used as a coolant in a nuclear reactor?	
7119	A. Liquid Sodium	
	X B. Nitrogen	
	C. Hydrogen	
	🗙 D. Carbon monoxide	
		Question ID : 59445917371
		Status : Answered
		Chosen Option : 1
Q.9	Which of the following country will host the 2023 Men's Hockey World C	up?
Ans	🗸 A. India	
	🗙 B. Spain	
	🗙 C. New Zealand	
	🗙 D. China	
		Question ID : <b>59445917375</b> Status : <b>Answered</b>
		Chosen Option : 2
Q.10 Ans	Which of the following is the oldest oilseed crop in India?	
7	X     B. Mustard	
	C. Rapeseed	
	V D. Sesame	
		Question ID : 59445917391
		Status : Answered
		Chosen Option : 4
Q.11	Who among the following will only be provided with SPG cover in India?	
Ans	🗙 A. President	
	V B. Prime Minister	
	🗙 C. Home Minister	
	🗙 D. Finance Minister	
	X D. Finance Minister	Question ID - 50//5017296
	X D. Finance Minister	Question ID : <b>59445917386</b> Status : <b>Answered</b>





	speed is measured by the Anemometer.	
ns	🗙 A. Cyclone	
	🗙 B. Current	
	🗙 C. Earthquake	
	J. Wind	
		Question ID : <b>59445917382</b>
		Status : <b>Answered</b> Chosen Option : <b>4</b>
	Which of the following IT initiatives have been launch improving monitoring and pace of Customs clearance arriving international passengers?	
ns	🗙 A. ICAM	
	🗙 B. Cyber security	
	X C. DCOI	
	D. ICEDASH and ATITHI	
	•	
		Question ID : 59445917395
		Status : <b>Answered</b> Chosen Option : <b>4</b>
2.14	Who has been appointed as Chairman of the Airport A	Authority of India?
Ans	🗙 A. Amit Khare	
	S. Arvind Singh	
	X C. Rajnish Kumar	12247
	X D. Ashok Malik	
		Question ID : 59445917388
		Status : <b>Answered</b> Chosen Option : <b>2</b>
.15	Which of the following country will host "No Money fo	or Terror" conference in 2020?
Ans	🗙 A. Nepal	
	🗙 B. China	
	🗙 C. Sri Lanka	
	D. India	
	U. mara	
		Question ID : 59445917389
		Status : <b>Answered</b> Chosen Option : <b>4</b>





Q.16	Which of the following is the first Indian Regional Satellite?			
Ans	🗙 A. INSAT-3D			
	V B. IRNSS-1A			
	C. YOUTHSAT			
	D. GSAT-7			
	D. 00/11/			
		Question ID : 59445917374		
		Status : Answered		
		Chosen Option : 4		
Q.17	For which of the following mineral India is mainly depend on imports'	?		
Ans	🗙 A. Lead			
	B. Mercury			
	C. Mica			
	X D. Limestone			
		Question ID : 59445917383		
		Status : Answered		
		Chosen Option : 1		
Q.18	is the most cultivated crop of Kerala.			
Ans	X A. Wheat			
	X B. Chick Pea			
	C. Mustard			
	D. Cow Pea			
		Question ID : 59445917390		
		Status : Answered		
		Chosen Option : 2		
Q.19	Where is India's two operational Satellite Launch Pads located?			
Ans	🗙 A. Mumbai			
	🗙 B. Rajkot			
	🗸 C. Sriharikota			
	X D. Jalandhar			
		Question ID : 59445917373		
		Status : <b>Answered</b> Chosen Option : <b>3</b>		
		Unosen Untion 13		





0.20	When is the World Science Day for Peace and Development celebrated	every year?
Ans	X A. 30th August	
	B. 4th November	
	C. 10th November	
	X D. 11th October	
		Question ID : 59445917372
		Status : Answered
		Chosen Option : 3
Q.21	Sheikh Khalifa Bin Zayed Al Nahyan has been elected as the President following country?	of which of the
Ans	A. UAE	
	B. Bahrain	
	C. Kuwait	
	X D. Qatar	
		Question ID : 59445917387
		Status : Answered
		Chosen Option : 1
Q.22	Who appoints the Vice President of India?	
Ans	X A. President	
	X B. Supreme Court	
	C. The Electoral College of India	
	D. Prime Minister	
		Question ID : 59445917385
		Status : <b>Answered</b> Chosen Option : <b>3</b>
Q.23	Which of the following Company has developed Mac Operating System	?
Ans	🗙 A. Microsoft	
	🗙 B. IBM Corp	
	🗙 С. НР	
	V D. Apple	
		Question ID : 59445917394
		Queenier in er i ter i ter i ter i
		Status : Answered





21		
	Who was the founder of Sayyid Dynasty?	
ns	🗙 A. Jalal-ud-din Khilji	
	🗙 B. Sikandar Lodhi	
	✔ C. Khizar Khan	
	🗙 D. Nasir-ud-din Mahmud	
		Question ID : <b>59445917380</b>
		Status : <b>Answered</b> Chosen Option : <b>1</b>
.25	Which of the following General Insurance Company has lau for farmers?	nched "Farmitra" a mobile app
Ans	X A. United India Insurance	
	🗙 B. The Oriental Insurance	
	X C. Tata AIG Insurance	
	D. Bajaj Allianz General Insurance	
		Question ID : 59445917384
		Status : Answered Chosen Option : 1
ectic	on : Numerical Ability	
0.1	The average of 17 numbers is 48. The average of first 9 nur	nbers is 45 and average of next
	9 numbers is 52. If 9th number is excluded, the average of t	
Ans	X A. 53.4375	
	✔ B. 47.4375	a 247
		a 247
	✔ B. 47.4375	a[24]7]
	<ul> <li>✓ B. 47.4375</li> <li>✓ C. 49.5225</li> </ul>	
	<ul> <li>✓ B. 47.4375</li> <li>✓ C. 49.5225</li> </ul>	Question ID : <b>59445917449</b>
	<ul> <li>✓ B. 47.4375</li> <li>✓ C. 49.5225</li> </ul>	
	<ul> <li>✓ B. 47.4375</li> <li>✓ C. 49.5225</li> </ul>	Question ID : <b>59445917449</b> Status : <b>Answered</b> Chosen Option : <b>2</b> B contains copper and zinc in
	Alloy A contains copper and zinc in the ratio 4 : 5 and alloy the ratio 7 : 2. A and B are taken in the ratio 7 : 4 and melted	Question ID : <b>59445917449</b> Status : <b>Answered</b> Chosen Option : <b>2</b> B contains copper and zinc in
	Alloy A contains copper and zinc in the ratio 4 : 5 and alloy the ratio 7 : 2. A and B are taken in the ratio 7 : 4 and melted percentage of copper in the new alloy is closest to:	Question ID : <b>59445917449</b> Status : <b>Answered</b> Chosen Option : <b>2</b> B contains copper and zinc in
	Alloy A contains copper and zinc in the ratio 4 : 5 and alloy the ratio 7 : 2. A and B are taken in the ratio 7 : 4 and melted percentage of copper in the new alloy is closest to:	Question ID : <b>59445917449</b> Status : <b>Answered</b> Chosen Option : <b>2</b> B contains copper and zinc in
	Alloy A contains copper and zinc in the ratio 4 : 5 and alloy the ratio 7 : 2. A and B are taken in the ratio 7 : 4 and melted percentage of copper in the new alloy is closest to: A. 67.5% B. 65.25%	Question ID : <b>59445917449</b> Status : <b>Answered</b> Chosen Option : <b>2</b> B contains copper and zinc in
	Alloy A contains copper and zinc in the ratio 4 : 5 and alloy the ratio 7 : 2. A and B are taken in the ratio 7 : 4 and melted percentage of copper in the new alloy is closest to: A. 67.5% B. 65.25% C. 56.57%	Question ID : <b>59445917449</b> Status : <b>Answered</b> Chosen Option : <b>2</b> B contains copper and zinc in
	Alloy A contains copper and zinc in the ratio 4 : 5 and alloy the ratio 7 : 2. A and B are taken in the ratio 7 : 4 and melted percentage of copper in the new alloy is closest to: A. 67.5% B. 65.25% C. 56.57%	Question ID: 59445917449         Status: Answered         Chosen Option: 2         B contains copper and zinc in d to form a new alloy. The         Question ID: 59445917460
	Alloy A contains copper and zinc in the ratio 4 : 5 and alloy the ratio 7 : 2. A and B are taken in the ratio 7 : 4 and melted percentage of copper in the new alloy is closest to: A. 67.5% B. 65.25% C. 56.57%	Question ID: 59445917449         Status: Answered         Chosen Option: 2         B contains copper and zinc in d to form a new alloy. The

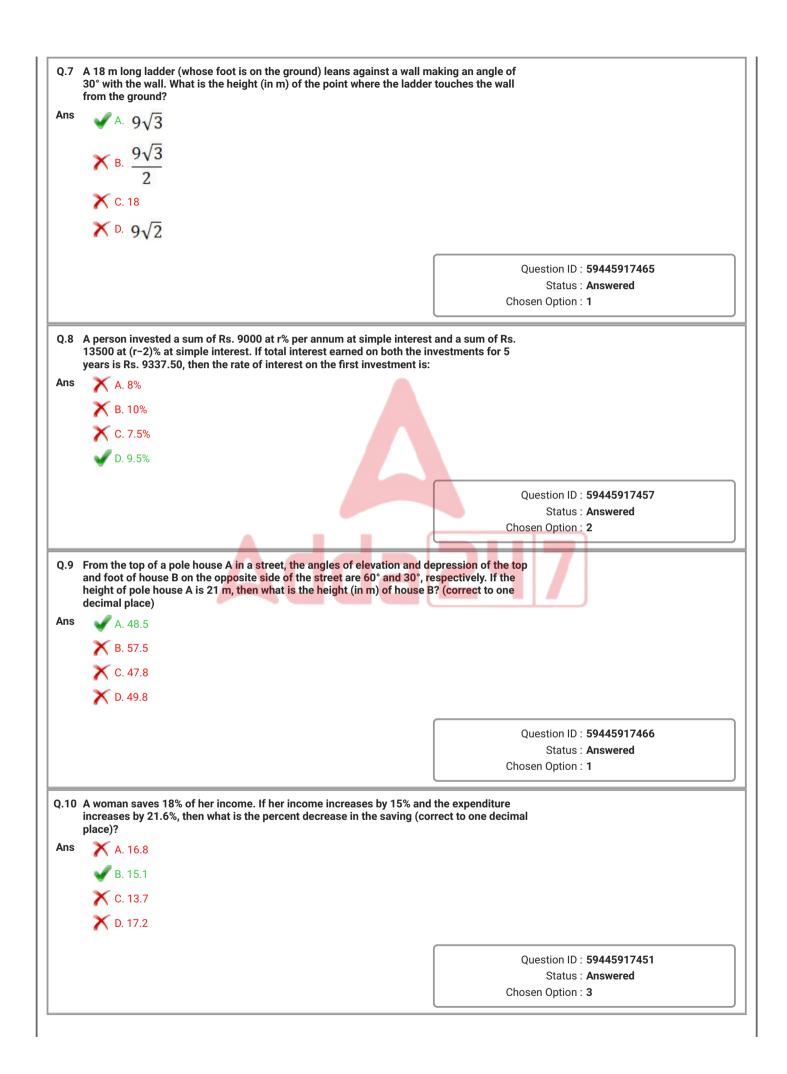




	A woman distributed her savings between her daughters A, B, C at 16. If A gives Rs. 600 from his share to C, the ratio of shares of A, 2 : 5. What is the sum of shares (in Rs.) of A, C and B, in the begin	B, C and D becomes 1 : 4 :
ns	✔ A. 13200	5
	🗙 В. 14550	
	X C. 15100	
	X D. 14750	
		Question ID : <b>59445917454</b>
		Status : <b>Answered</b> Chosen Option : <b>2</b>
	Sum of first 10 terms of a GP is equal to the sum of the first 12 terms of the first 17 terms is 42, what is the fourth term in the GP?	rms in the same GP. Sum
ns	🗙 A. 0	
	✓ B42	
	X C. 42	
	🗙 D21	
		Question ID : <b>59445917470</b> Status : <b>Answered</b>
		Chosen Option : 2
.5	The simuliait number 200 a 0 as is divisible by 7, 11, 12, then the	
.5 15	If a six-digit number $3x9 z 8 y$ is divisible by 7, 11, 13, then the a $\bigwedge$ A. 23/3	average value of x, y, z is.
	X B. 31/3	
	× C. 8	
	✔ D. 20/3	
		Question ID : 59445917446
		Status : Answered
		Chosen Option : 4
	Twenty five litres of 40% concentration of acid solution is added to concentration of acid solution. What is the concentration of acid in	
าร	✓ A. 57.5%	
	<b>X</b> B. 55%	
	<b>X</b> C. 60%	
	<b>X</b> D. 62.5%	
		Question ID : 59445917459
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		Chosen Uption : Z











	🖌 A. 4.2	
	🗙 В. 7.6	
	<b>X</b> C. 6.8	
	X 0.0.0	
	<b>D</b> . 2.4	
		Question ID : 59445917450
		Status : Answered
		Chosen Option : 1
12	A person sold two articles for Rs. 1836 ea 20%. What is his overall gain or loss perc	ach. On one he gained 20% and on other he lost ent, correct to one decimal place?
าร	🗙 A. 5% gain	
	🗙 B. 6% gain	
	<b>X</b> C. 7% loss	
	D. 4% loss	
	D. 470 1033	
		Question ID : 59445917452
		Status : Answered
		Chosen Option : 4
	<ul> <li>B. 8775</li> <li>C. 7500</li> <li>D. 9750</li> </ul>	
		Question ID : 50///5917/62
	•	Question ID : 59445917462 Status : Answered
	If $x = \frac{\sqrt{7} - \sqrt{5}}{\sqrt{5} + \sqrt{7}}$ and y is reciprocal o	Status : Answered
	If $x = \frac{\sqrt{7} - \sqrt{5}}{\sqrt{5} + \sqrt{7}}$ and y is reciprocal of A. $3\sqrt{47}$	Status : Answered Chosen Option : 1
	If $x = \frac{\sqrt{7} - \sqrt{5}}{\sqrt{5} + \sqrt{7}}$ and y is reciprocal or $\swarrow$ A. $3\sqrt{47}$ $\thickapprox$ B. $\sqrt{47}$	Status : Answered Chosen Option : 1
	If $x = \frac{\sqrt{7} - \sqrt{5}}{\sqrt{5} + \sqrt{7}}$ and y is reciprocal of A. $3\sqrt{47}$	Status : Answered Chosen Option : 1
	If $x = \frac{\sqrt{7} - \sqrt{5}}{\sqrt{5} + \sqrt{7}}$ and y is reciprocal or $\swarrow$ A. $3\sqrt{47}$ $\thickapprox$ B. $\sqrt{47}$	Status : <b>Answered</b> Chosen Option : <b>1</b>
	If $x = \frac{\sqrt{7} - \sqrt{5}}{\sqrt{5} + \sqrt{7}}$ and y is reciprocal of $x = \sqrt{47}$ $x = \sqrt{47}$ $x = \sqrt{47}$ $x = \sqrt{47}$ $x = \sqrt{47}$ $x = \sqrt{47}$	Status : Answered Chosen Option : 1
.14 ns	If $x = \frac{\sqrt{7} - \sqrt{5}}{\sqrt{5} + \sqrt{7}}$ and y is reciprocal of $x = \sqrt{47}$ $x = \sqrt{47}$ $x = \sqrt{47}$ $x = \sqrt{47}$ $x = \sqrt{47}$ $x = \sqrt{47}$	Status : Answered Chosen Option : 1 of x, then what is the value of $\sqrt{(x^3 + y^3)}$ ?





ns	🗙 A. 61.5	
	🗙 В. 60	
	<b>V</b> C. 59.6	
	X D. 61.4	
		Question ID : <b>59445917448</b> Status : <b>Answered</b>
		Chosen Option : 4
.16	A loan has to be returned in two equal yearly instalments each interest is 6% p.a., compounded annually, then the total interest	of Rs. 42135. If the rate of st paid (in Rs.) is:
ns	🗙 A. 7700	
	🖌 В. 7020	
	X C. 7550	
	X D. 8000	
		Question ID : 59445917458 Status : Answered
		Chosen Option : 2
_		
Q.17	A and B can do a work in 21 days, A is $\frac{7}{4}$ times as efficient as B. In how many day the work?	ys, A alone can complete the $\frac{200}{3}$ % of
Ans	✔ A. 22	
	Х В. 33	
	X C. 36	a / 4 / /
	X D. 27	
		Question ID : <b>59445917463</b> Status : <b>Answered</b>
		Chosen Option : 3
Q.18	The value of $\frac{5.169 \times 5.169 \times 5.169 + 64 \times (0.888)^3}{(5.169)^2 + (3.552)^2 - 4 (0.888)(5.169)}$	is $(8+k)$ , where $k=?$
Ans	🗙 A. 0.656	
	🗙 В. 0.388	
	✔ C. 0.721	
	🗙 D. 0.129	
		Question ID : <b>59445917447</b> Status : <b>Answered</b>
		JIGIUS AUSWEICU





	🖌 A. 21	
	🗙 В. 35	
	🗙 С. 8	
	🗙 D. 12	
		Question ID : <b>59445917456</b> Status : <b>Answered</b>
		Chosen Option : 1
20	The third term of an arithmetic progression i	is 6. Then the sum of first five terms is:
is	X A. 25	
	✓ B. 30	
	X C. 15	
	X D. 35	
	N D. 33	
		Question ID : 59445917469
		Status : <b>Answered</b> Chosen Option : <b>2</b>
	Х В. 3000 Х С. 4000	1da 24 7
	X D 2000	
	<b>X</b> D. 2000	
	X D. 2000	Question ID : <b>59445917464</b>
	X D. 2000	Status : Answered
	<b>X</b> D. 2000	
22		Status : Answered
		Status : <b>Answered</b> Chosen Option : <b>1</b>
	If $x^4 + x^2y^2 + y^4 = 29$ and $x^2 - xy$	Status : <b>Answered</b> Chosen Option : <b>1</b>
	If $x^4 + x^2y^2 + y^4 = 29$ and $x^2 - xy$ $\bigwedge$ A. 0 $\bigvee$ B. 2	Status : <b>Answered</b> Chosen Option : <b>1</b>
	If $x^4 + x^2y^2 + y^4 = 29$ and $x^2 - xy$ $\swarrow$ A. 0 $\checkmark$ B. 2 $\thickapprox$ C2	Status : <b>Answered</b> Chosen Option : <b>1</b>
	If $x^4 + x^2y^2 + y^4 = 29$ and $x^2 - xy$ $\bigwedge$ A. 0 $\bigvee$ B. 2	Status : <b>Answered</b> Chosen Option : <b>1</b>
	If $x^4 + x^2y^2 + y^4 = 29$ and $x^2 - xy$ $\swarrow$ A. 0 $\checkmark$ B. 2 $\thickapprox$ C2	Status : Answered Chosen Option : 1 $y + y^2 = 5$ , then what is the value of 5xy? Question ID : <b>59445917468</b>
22 1s	If $x^4 + x^2y^2 + y^4 = 29$ and $x^2 - xy$ $\swarrow$ A. 0 $\checkmark$ B. 2 $\thickapprox$ C2	Status : Answered Chosen Option : 1 $y + y^2 = 5$ , then what is the value of 5xy?





	60% of the remaining at a discount of 20% and remaining at 40 overall gain percent?	J & UISCOUTTE, WHAT IS THS
ns	🗙 A. 15.8%	
	🗙 В. 27.4%	
	🗙 C. 23.5%	
	✔ D. 17.6%	
		Question ID : 59445917453
		Status : Answered
		Chosen Option : 3
	A covers a certain distance at a certain speed. If he covers had then the ratio of this speed to the original speed is:	If of the distance in three time
ns	X A. 1:4	
	<b>B</b> . 4:5	
	✓ C. 1:6	
	X D. 6:1	
	0.0.1	
		Question ID : 59445917461
		Status : Answered
		Chosen Option : 3
.25 ns	<ul> <li>✓ A. 702</li> <li>✓ B. 720</li> </ul>	<b>247</b>
	X C. 789 X D. 798	
		Question ID : 59445917467
		Status : Answered
		Chosen Option : 2
ctic	on : <b>Reasoning</b>	
.1	Sukanya is Ayushman's wife. Lekha is Sukanya's sister. Nisha Nisha's husband. Piyush is Nisha's Son. How is Ayushman rela	
าร	X A. Brother in law	
	X B. Son	
	C. Brother	
	J. Son in law	
	U. Son in law	
		Question ID : 59445917531
		Status : Answered
		Chosen Option : 4





	Shark : Fish		
ns	🗙 A. Bat: Bird		
	X B. Dolphin: Fish		
	C. Whale : Mammal		
	🗙 D. Iguana: Amphibian		
	Question ID : <b>59445917523</b> Status : <b>Answered</b>		
	Chosen Option : 3		
.3	In a certain language, if PERSIST is written as 7591912, then how is ANCESTOR is coded in the same language?		
าร	X A. 14351259		
	🗙 В. 15351059		
	✓ C. 15351269		
	X D. 14351268		
	Question ID : <b>59445917538</b>		
	Status : <b>Answered</b> Chosen Option : <b>1</b>		
	criteria: The candidate must - (i) have Minimum 85% marks in the final year examination of the institute. (ii) have secured at least 90 % marks in the selection test of the University abroad. (iii) not be less than 21 years and not more than 25 years of age as on 1.01.2020 In case of a candidate who satisfies all other criteria except:		
	<ul> <li>(a) At (i) above but has won at least one major prize/award in Debate/ Sports/ Cultural event, the case may be referred to the Director of the Institution.</li> <li>(b) At (ii) above but is from the reserved category, there is relaxation of age by 2 years.</li> </ul>		
	Based on the above criteria and conditions, analyze and decide which of the following course of action should be taken for the candidate whose description is provided below. Please note that you are not to assume anything other than the given information.		
	Deepinder Bhalla, born on 17th December, 1997 secured 79% marks in final year. She got 92% marks in selection test and has won 3 Inter-University debate competitions.		
าร	X A. The candidate is to be selected.		
	V B. The case is to be referred to the Director of the Institute,		
	ightarrow C. The candidate is not to be selected.		
	ightarrow D. The candidate is to be selected under the relaxed criterion.		
	Question ID : 59445917529		
	Status : Answered		
	Chosen Option : 2		

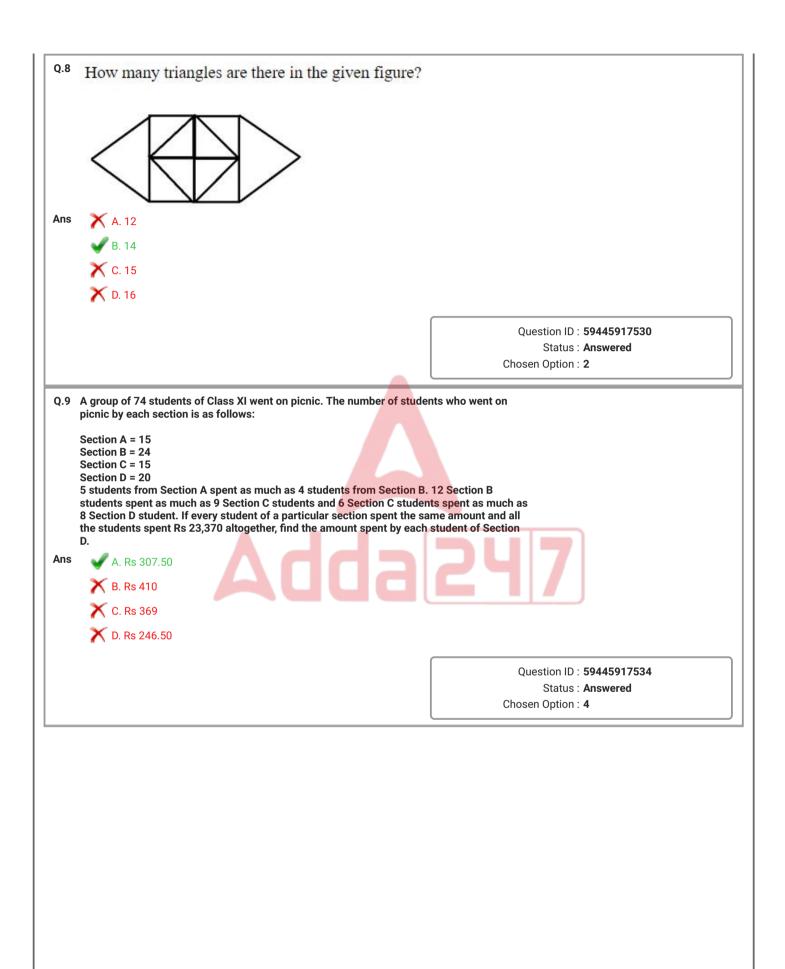




Q.5	Rearrange the given letters to form meaningful words and select the option which is different from the other three words.
Ans	X A. PLEAP
	SEHCWA
	C. RPOATIC
	X D. EOGARN
	Question ID : <b>59445917524</b> Status : <b>Answered</b>
	Chosen Option : 2
Q.6	A cube with each edge of 4 cm is painted on all faces. How many of 1 cm cubes, cut out of the larger cube, will not have paint on any of its sides?
Ans	X A. 4
	Х В. 6
	X C. 3
	✓ D. 8
	Question ID : <b>59445917526</b> Status : <b>Answered</b>
	Chosen Option : 4
_	
Q.7	Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?
	PR4GTF7D9
Ans	PR4GTF7D9
	• • PUTTOF/I9
	🗙 🖥 pR4GTF7Dq
	qR4GTF7Dp ∴X
	× □ pR4∂TF7Dq
	Question ID : <b>59445917525</b>
	Status : Answered Chosen Option : 1

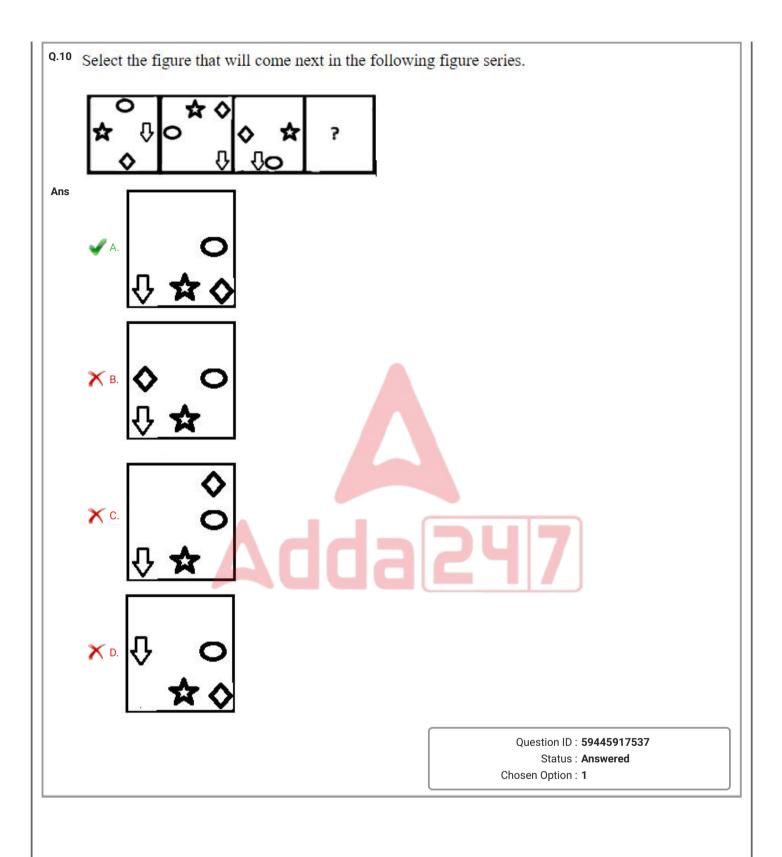






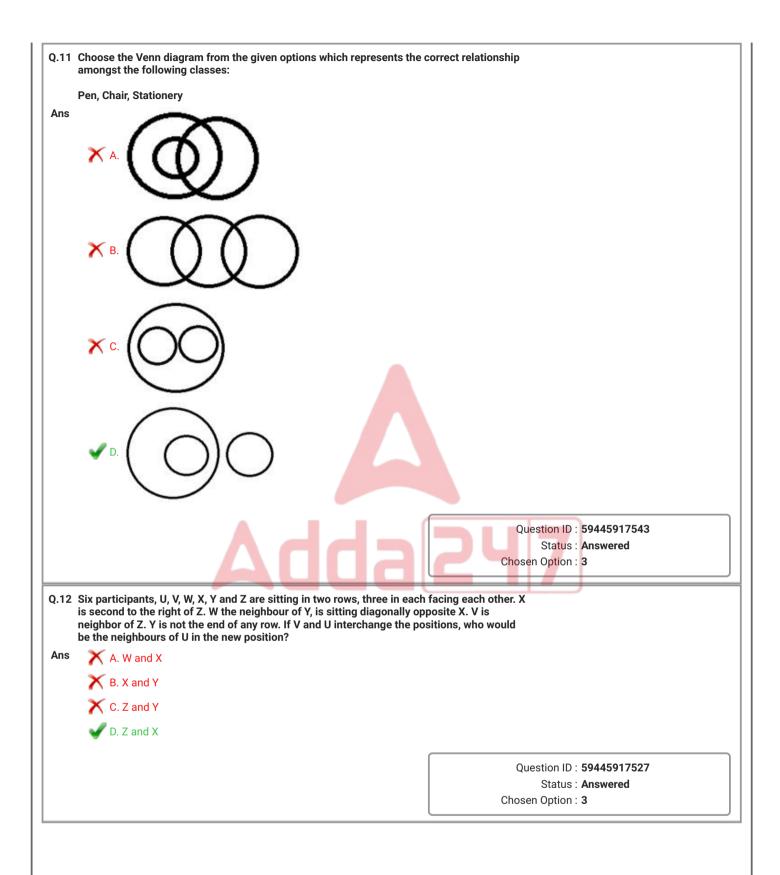
















		e wife of B', A × B means 'A is brother
Q.13	3 A + B means 'A is the father of B'; A - B means 'A is th of B', A ÷ B means 'A is the daughter of B'. If R - V × T	$i \neq w$ then now is R related to w?
Ans		
	B. Mother	
	C. Daughter in law	
	D. Mother in law	
		Question ID : 59445917532
		Status : <b>Answered</b> Chosen Option : <b>2</b>
Q.14	Ravi is shorter than Kartik but taller than Gagan and T Sunil is taller than Aarav but shorter than Saksham. W	
Ans		
	B. Tarun	
	C. Kartik	
	D. Gagan	
		Question ID : 59445917542 Status : Answered
		Chosen Option : 3
2.15	5 Select the option that is related to the fourth term in the related to the second term.	he same way as the first term is
	Quarrel : War : Error : ?	he same way as the first term is
	Quarrel : War : Error : ?	he same way as the first term is
	Quarrel : War : Error : ? A. Carelessness B. Anger	he same way as the first term is
	Quarrel : War : Error : ?   X   A. Carelessness   X   B. Anger   C. Omission	da247
	Quarrel : War : Error : ?   X   A. Carelessness   X   B. Anger   C. Omission	Question ID : <b>59445917521</b> Status : <b>Answered</b>
	Quarrel : War : Error : ?   X   A. Carelessness   X   B. Anger   C. Omission	<b>Jaggy</b> Question ID : <b>59445917521</b>
Ans	Quarrel : War : Error : ?   X   A. Carelessness   X   B. Anger   C. Omission	Question ID : <b>59445917521</b> Status : <b>Answered</b> Chosen Option : <b>3</b>
Ans	Quarrel : War : Error : ?   A. Carelessness   B. Anger   C. Omission   D. Blunder   Select the option that is related to the fourth term in the related to the second term. REQUEST : QGNYZYM ::: OTBHDIM	Question ID : <b>59445917521</b> Status : <b>Answered</b> Chosen Option : <b>3</b>
Ans	Quarrel : War : Error : ?   A. Carelessness   B. Anger   C. Omission   D. Blunder	Question ID : <b>59445917521</b> Status : <b>Answered</b> Chosen Option : <b>3</b>
Ans	Quarrel : War : Error : ?   A. Carelessness   B. Anger   C. Omission   D. Blunder   5 Select the option that is related to the fourth term in the related to the second term. REQUEST : QGNYZYM ::: OTBHDIM A. RESTFIT A. RESTFIT B. PRECICT	Question ID : <b>59445917521</b> Status : <b>Answered</b> Chosen Option : <b>3</b>
Ans	Quarrel : War : Error : ?   A. Carelessness   B. Anger   C. Omission   D. Blunder   Select the option that is related to the fourth term in the related to the second term. REQUEST : QGNYZYM ::: OTBHDIM A. RESTFIT B. PRECICT C. PREDICT	Question ID : <b>59445917521</b> Status : <b>Answered</b> Chosen Option : <b>3</b>
Ans	Quarrel : War : Error : ?   A. Carelessness   B. Anger   C. Omission   D. Blunder   5 Select the option that is related to the fourth term in the related to the second term. REQUEST : QGNYZYM ::: OTBHDIM A. RESTFIT A. RESTFIT B. PRECICT	Question ID : <b>59445917521</b> Status : <b>Answered</b> Chosen Option : <b>3</b>
Ans	Quarrel : War : Error : ?   A. Carelessness   B. Anger   C. Omission   D. Blunder   Select the option that is related to the fourth term in the related to the second term. REQUEST : QGNYZYM ::: OTBHDIM A. RESTFIT B. PRECICT C. PREDICT	Question ID : <b>59445917521</b> Status : <b>Answered</b> Chosen Option : <b>3</b>
Ans	Quarrel : War : Error : ?   A. Carelessness   B. Anger   C. Omission   D. Blunder   Select the option that is related to the fourth term in the related to the second term. REQUEST : QGNYZYM ::: OTBHDIM A. RESTFIT B. PRECICT C. PREDICT	<text><text><text><text></text></text></text></text>

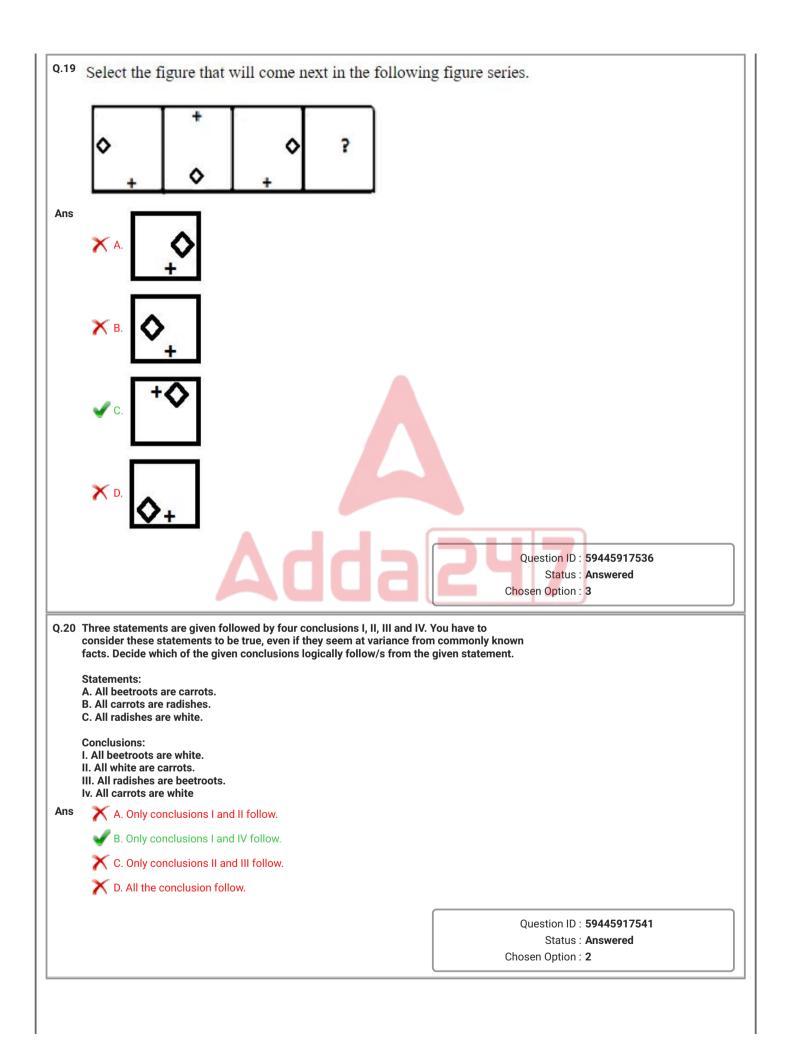




Q.17 Which word CANNOT be formed using letters of the given word using emany times as it appears in the given word?	ach letter only as
DOCUMENTARY	
Ans X A. AERODUCT	
🗙 B. EDUCATOR	
C. DEMOCRACY	
D. MONETARY	
	Question ID : <b>59445917540</b> Status : <b>Answered</b>
	Chosen Option : <b>3</b>
Q.18 Select the figure which is different from the other the $\Delta^{\Delta}$	
A B C D	
<ul> <li>★ B. B</li> <li>✓ C. C</li> </ul>	
X D.A	Question ID : 59445917533 Status : Answered Chosen Option : 3

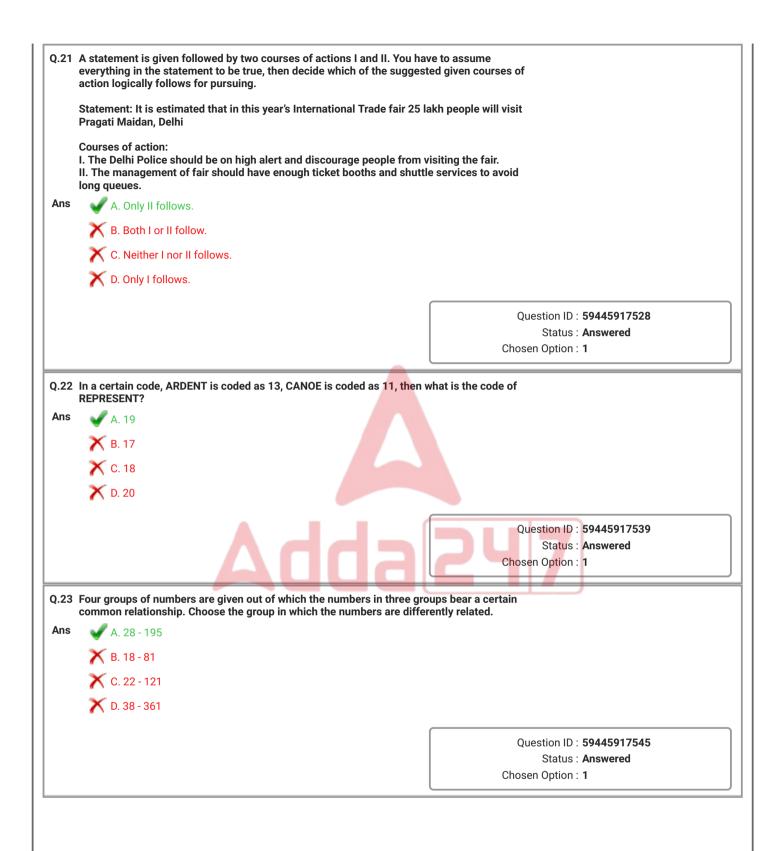
















Q.24	Some equations are solved on the basis of a certain system. Find the co given unsolved equation on that basis:-	rrect answer for the
	94 x 18 = 44 89 x 23 = 78	
	75 x 36 = ?	
Ans	X A. 21	
	🗙 В. 43	
	🗙 C. 56	
	✔ D. 53	
		Question ID : 59445917544
		Status : Answered
		Chosen Option : 4
Q.25	Which number will replace the question mark (?) in the following series.	
	2, 7, 14, 23, ?, 47	
Ans	🗙 A. 37	
	🗙 В. 32	
	X C. 30	
	<b>D</b> . 34	
		Question ID : <b>59445917535</b>
		Status : <b>Answered</b> Chosen Option : <b>4</b>
Sectio	n : General English	
Q.1	Identify the part of the sentence which contains an error.	
Ans	India and Sri Lanka/ have/ many large number of/ educated workers that	n Brazil.
7.110	X B. have	
	C. educated workers than Brazil	
	🗙 D. India and Sri Lanka	
		Question ID : 59445917596
		Status : Answered
		Chosen Option : 1
Q.2	Choose the correct words to fill in the blanks.	
	The prize money was shared all the members the footba	all team.
Ans	🗙 A. by; among	
	🗙 B. between; in	
	✔ C. among; of	
	X D. by; from	
		Question ID : 59445917599
		Status : Answered
		Chosen Option : 2





	Our teacher has the art of explaining something clearly.	
ns	A. exposition	
	B. argumentation	
	X C. narration	
	X D. description	
		Question ID : 59445917601
		Status : Answered
		Chosen Option : 4
.4	Choose the word that best replaces the words highlighted in th	ne sentence.
	Rahim has the power to see what would or might happen in the	e future.
าร	🗙 A. astrology	
	🗙 B. imagination	
	X C. prediction	
	🗸 D. foresight	
		Question ID : <b>59445917600</b> Status : <b>Answered</b>
		Chosen Option : 3
	Choose the correct meaning of the expression highlighted in the the amended law is a watered down version of the earlier law.	
	The amended law is a watered down version of the earlier law. A. weaker or diluted B. difficult to implement C. stronger	
	The amended law is a watered down version of the earlier law. A. weaker or diluted B. difficult to implement	a 247
	The amended law is a watered down version of the earlier law. A. weaker or diluted B. difficult to implement C. stronger	
	The amended law is a watered down version of the earlier law. A. weaker or diluted B. difficult to implement C. stronger	<b>Question ID : 59445917609</b>
IS	The amended law is a watered down version of the earlier law. A. weaker or diluted B. difficult to implement C. stronger	Question ID : <b>59445917609</b> Status : <b>Answered</b>
6	<ul> <li>The amended law is a watered down version of the earlier law.</li> <li>A. weaker or diluted</li> <li>B. difficult to implement</li> <li>C. stronger</li> <li>D. submerged in water</li> </ul>	Question ID : 59445917609 Status : Answered Chosen Option : 1
is 6	The amended law is a watered down version of the earlier law. <ul> <li>A. weaker or diluted</li> <li>B. difficult to implement</li> <li>C. stronger</li> <li>D. submerged in water</li> </ul> Complete the sentence with the appropriate word.	Question ID : 59445917609 Status : Answered Chosen Option : 1
is 6	The amended law is a watered down version of the earlier law. <ul> <li>A. weaker or diluted</li> <li>B. difficult to implement</li> <li>C. stronger</li> <li>D. submerged in water</li> </ul> Complete the sentence with the appropriate word. Tarun's father bought him a motorbike but him to ride	Question ID : 59445917609 Status : Answered Chosen Option : 1
ıs 6	<ul> <li>The amended law is a watered down version of the earlier law.</li> <li>A. weaker or diluted</li> <li>B. difficult to implement</li> <li>C. stronger</li> <li>D. submerged in water</li> </ul> Complete the sentence with the appropriate word. Tarun's father bought him a motorbike but him to ride <ul> <li>A. cautioned</li> </ul>	Question ID : 59445917609 Status : Answered Chosen Option : 1
.6	The amended law is a watered down version of the earlier law.  A. weaker or diluted  B. difficult to implement  C. stronger  D. submerged in water  Complete the sentence with the appropriate word.  Tarun's father bought him a motorbike but him to ride  A. cautioned  B. taught	Question ID : 59445917609 Status : Answered Chosen Option : 1
ns .6	The amended law is a watered down version of the earlier law.  A. weaker or diluted  B. difficult to implement  C. stronger  D. submerged in water  Complete the sentence with the appropriate word.  Tarun's father bought him a motorbike but him to ride  A. cautioned  B. taught  C. pleased	Ruestion ID: 59445917609 Status : Answered Chosen Option : 1
ns .6	The amended law is a watered down version of the earlier law.  A. weaker or diluted  B. difficult to implement  C. stronger  D. submerged in water  Complete the sentence with the appropriate word.  Tarun's father bought him a motorbike but him to ride  A. cautioned  B. taught  C. pleased	Question ID : 59445917609 Status : Answered Chosen Option : 1





	Choose the correct spelling from the options given.	
Ans	X A. acommodate	
	X B. accomodete	
	C. accommodate	
	🗙 D. accomadate	
		Question ID : 59445917606
		Status : Answered
		Chosen Option : 4
Q.8	Choose the correct word(s) to fill in the blank.	
	Mohan Lal asleep while watching TV last night.	
Ans	🗙 A. has fallen	
	🗙 B. had fallen	
	🖌 C. fell	
	X D. falls	
		Question ID : 59445917598 Status : Answered
		Chosen Option : 3
_		
Q.9	Choose the word that means the opposite of the highlighted word in t	the sentence.
	It is difficult to find any indication of humility in that person.	
Ans	A. submission	
	B. pride	
	X C. concern	
	X D. compassion	
		Question ID : 59445917604
		Status : Answered
		Chosen Option : 4
Q.10	Choose the word that roughly means the same as the word highlighte	ed in the sentence.
	The excavation yielded priceless treasures from the earliest civilization	on.
Ans	🗙 A. memorable	
	🗙 B. cheap	
	🗙 C. prized	
	V D. valuable	
		Question ID : 59445917603 Status : Answered
		Chosen Option : 1





ns	I want to tell you what happened you will understand it better.	
	•	
	X B. but	
	X C. because	
	X D. although	
		Question ID : 59445917610
		Status : Answered
		Chosen Option : 3
12	Choose the word that roughly means the same as the word highlighted	in the sentence.
	Students who prepare for their board exams shouldn't neglect the lange	Jages.
ns	X A. decline	
	🗙 B. abandon	
	C. ignore	
	🗙 D. fail	
		Question ID : 59445917602 Status : Answered
		Chosen Option : 3
_		
.13	Put the jumbled words in the correct order to form a meaningful senter	ce.
	can / walk / every / take / day / a <mark>/ if</mark> / try / you / should / to / you	
ns	A. If you can, you should try to take a walk every day.	
	🗙 B. If you can try to, you should take a walk every day.	
	ightarrow C. If you should, you can try every day to take a walk.	
	ightarrow D. If you should take a walk every day, you can try to.	
		Question ID : 59445917614 Status : Answered
		Chosen Option : 1
.14	Choose the word that means the opposite of the highlighted word in the If you are selected, you must comply with the following conditions.	e sentence.
ns	A. proceeding	
	X B. receding	
	C. succeeding	
	V D. preceding	
		Question ID : 59445917605
		Status : Answered
		Chosen Option : 4





	on his own, they would have been forced to dismiss	s him from service.
IS	A. Had he not resigned	
	🗙 B. He had not resigned	
	🗙 C. Unless he had not resigned	
	🗙 D. He had resigned	
		Question ID : 59445917611
		Status : Answered
		Chosen Option : 3
16	Choose the correct spelling from the options given.	
S	🗙 A. enaugarate	
	🗙 B. innagarate	
	🗙 C. inagurate	
	✔ D. inaugurate	
		Question ID : 59445917607 Status : Answered
		Chosen Option : 4
	<ul> <li>B. a huge sum for the rare coin</li> <li>C. coin collector was willing to pay</li> <li>D. one kind</li> </ul>	
		Question ID : <b>59445917597</b> Status : <b>Answered</b>
		Chosen Option : 1
18	Complete the sentence with the appropriate word.	
	It is claimed that in the telecom industry will bring	the charges down for people.
S	🗙 A. finance	
	🗙 B. decrease	
	🗙 C. increase	
	V D. competition	
		Question ID : 59445917613
		Status : Answered
		Chosen Option : 4





	imes A. Movies depict cruelty and violence as heroic rather than vicious.	
	A movies depict orderly and violence as heroic rather than violous.	
Tł	Every day we read and hear about the crimes committed by younger people. The result is that juvenile crime has become a major problem in our country. In addition, many parents often avoid their responsibilities or are unable to exercise them.	
	ightarrow B. The result is that juvenile crime has become a major problem in our country.	
Μ	In addition, many parents often avoid their responsibilities or are unable to exercise them. Movies depict cruelty and violence as heroic rather than vicious. Every day we read and hear about the crimes committed by younger people.	
	$\checkmark$ C. Every day we read and hear about the crimes committed by younger people.	
In	Movies depict cruelty and violence as heroic rather than vicious. In addition, many parents often avoid their responsibilities or are unable to exercise them. The result is that juvenile crime has become a major problem in our country.	
	ightarrow D. In addition, many parents often avoid their responsibilities or are unable to exercise them.	
E٧	Movies depict cruelty and violence as heroic rather than vicious. Every day we read and hear about the crimes committed by younger people. The result is that juvenile crime has become a major problem in our country.	
E٧	Every day we read and hear about the crimes committed by younger people. The result is that juvenile crime has become a major problem in our country.	on ID : <b>59445917615</b> atus : <b>Answered</b> otion : <b>1</b>
Ev	Every day we read and hear about the crimes committed by younger people. The result is that juvenile crime has become a major problem in our country.	atus : Answered
Ev Tł Cł Ar	Every day we read and hear about the crimes committed by younger people. The result is that juvenile crime has become a major problem in our country. Questic St Chosen Op Choose the correct meaning of the expression highlighted in the sentence. An unknown politician tried to whip up the crowd through his speech.	atus : Answered
Ev Tř Cł Ar	Every day we read and hear about the crimes committed by younger people. The result is that juvenile crime has become a major problem in our country. Questic St Chosen Op Choose the correct meaning of the expression highlighted in the sentence.	atus : Answered
Cl Ar	Every day we read and hear about the crimes committed by younger people. The result is that juvenile crime has become a major problem in our country. Questic St Chosen Op Choose the correct meaning of the expression highlighted in the sentence. An unknown politician tried to whip up the crowd through his speech. X A. beat up B. stir emotionally	atus : Answered
Cł Ar	Every day we read and hear about the crimes committed by younger people. The result is that juvenile crime has become a major problem in our country. Questic St Chosen Op Choose the correct meaning of the expression highlighted in the sentence. An unknown politician tried to whip up the crowd through his speech. A beat up B. stir emotionally C. drive away D. scolded	atus : Answered
Cł Ar	Every day we read and hear about the crimes committed by younger people. The result is that juvenile crime has become a major problem in our country. Questic St Chosen Op Choose the correct meaning of the expression highlighted in the sentence. An unknown politician tried to whip up the crowd through his speech. A. beat up B. stir emotionally C. drive away D. scolded Questic	atus : <b>Answered</b> otion : <b>1</b>





#### Comprehension:

Read the passage carefully and answer the questions that follow.

The Postmaster, a native of Calcutta, took up his duties in the remote village of Ulapur. He felt very lonely and homesick. At times he wrote verses. Ratan was his only companion. She was an orphan girl. She did odd jobs for him. He talked to Ratan about his mother, brother and sister. That gave him much comfort. Ratan got very much attached to him.

One day the Postmaster fell ill. Ratan nursed him like his mother. Afterwards the Postmaster applied for a transfer. It was rejected. So he resigned his job. Ratan expected him to take her with him. The Postmaster simply laughed at her idea. The laughter haunted her throughout the night.

The Postmaster promised to ask his successor to take care of her. It offended her more. Ratan burst out weeping and said there was no need for that. Before his departure he gave her some money. She refused to accept it. While crossing the river in a boat he felt an impulse to go back and bring the girl. It was too late. Meetings and partings are numberless in human life. He consoled himself with this philosophy. Ratan had no such philosophy to console her. She was wandering about the post office with tears in her eyes, fondly hoping that her Postmaster would return.

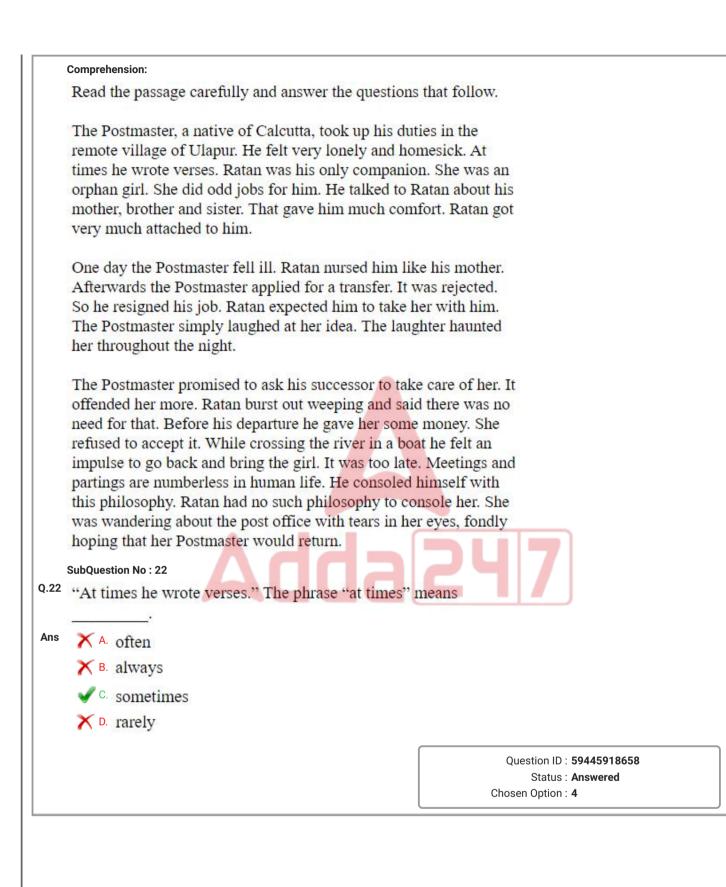
#### SubQuestion No : 21

- Q.21 Which of the following did NOT give comfort to the postmaster when he felt homesick?
- Ans X A. He wrote verses at times.
  - X B. He talked to Ratan about his family.
    - When Ratan asked him to take her with him, he
  - ✓<sup>C.</sup> laughed at the idea.
  - 🗙 Þ. Ratan nursed him like his mother when he fell ill.

Question ID : 59445918657 Status : Answered Chosen Option : 2











#### Comprehension:

Read the passage carefully and answer the questions that follow.

The Postmaster, a native of Calcutta, took up his duties in the remote village of Ulapur. He felt very lonely and homesick. At times he wrote verses. Ratan was his only companion. She was an orphan girl. She did odd jobs for him. He talked to Ratan about his mother, brother and sister. That gave him much comfort. Ratan got very much attached to him.

One day the Postmaster fell ill. Ratan nursed him like his mother. Afterwards the Postmaster applied for a transfer. It was rejected. So he resigned his job. Ratan expected him to take her with him. The Postmaster simply laughed at her idea. The laughter haunted her throughout the night.

The Postmaster promised to ask his successor to take care of her. It offended her more. Ratan burst out weeping and said there was no need for that. Before his departure he gave her some money. She refused to accept it. While crossing the river in a boat he felt an impulse to go back and bring the girl. It was too late. Meetings and partings are numberless in human life. He consoled himself with this philosophy. Ratan had no such philosophy to console her. She was wandering about the post office with tears in her eyes, fondly hoping that her Postmaster would return.

#### SubQuestion No : 23

Q.23 Choose the most appropriate option.

What is the theme (or main idea) of the passage?

Ans

★ A. We meet so many people in our lives and we cannot remember all of them.

X B. We should appreciate those who help us in life.

- ✔ c. Human relationships have no monetary value.
- X D. We should not care for the people who help us.

Question ID : **59445918659** Status : **Answered** Chosen Option : **3** 



Ans



#### Comprehension: Read the passage carefully and answer the questions that follow. The Postmaster, a native of Calcutta, took up his duties in the remote village of Ulapur. He felt very lonely and homesick. At times he wrote verses. Ratan was his only companion. She was an orphan girl. She did odd jobs for him. He talked to Ratan about his mother, brother and sister. That gave him much comfort. Ratan got very much attached to him. One day the Postmaster fell ill. Ratan nursed him like his mother. Afterwards the Postmaster applied for a transfer. It was rejected. So he resigned his job. Ratan expected him to take her with him. The Postmaster simply laughed at her idea. The laughter haunted her throughout the night. The Postmaster promised to ask his successor to take care of her. It offended her more. Ratan burst out weeping and said there was no need for that. Before his departure he gave her some money. She refused to accept it. While crossing the river in a boat he felt an impulse to go back and bring the girl. It was too late. Meetings and partings are numberless in human life. He consoled himself with this philosophy. Ratan had no such philosophy to console her. She was wandering about the post office with tears in her eyes, fondly hoping that her Postmaster would return. SubQuestion No : 24 Q.24 Choose the best option that expresses the tone of the passage. A. sentimental X B. serious X C. dismissive X D. casual Ouestion ID : 59445918660 Status : Answered Chosen Option : 1



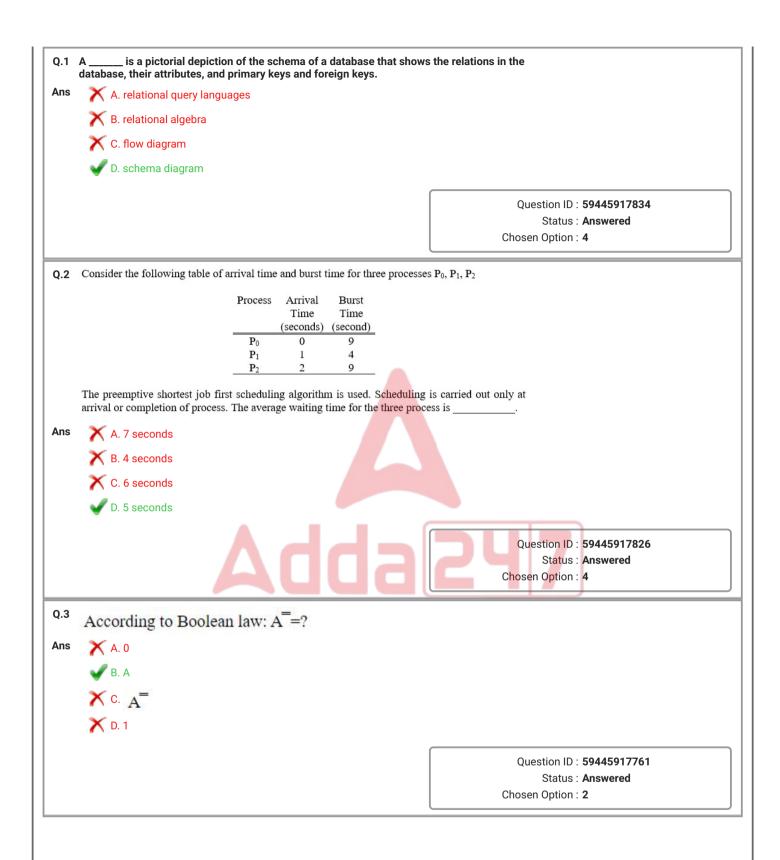


#### Comprehension: Read the passage carefully and answer the questions that follow. The Postmaster, a native of Calcutta, took up his duties in the remote village of Ulapur. He felt very lonely and homesick. At times he wrote verses. Ratan was his only companion. She was an orphan girl. She did odd jobs for him. He talked to Ratan about his mother, brother and sister. That gave him much comfort. Ratan got very much attached to him. One day the Postmaster fell ill. Ratan nursed him like his mother. Afterwards the Postmaster applied for a transfer. It was rejected. So he resigned his job. Ratan expected him to take her with him. The Postmaster simply laughed at her idea. The laughter haunted her throughout the night. The Postmaster promised to ask his successor to take care of her. It offended her more. Ratan burst out weeping and said there was no need for that. Before his departure he gave her some money. She refused to accept it. While crossing the river in a boat he felt an impulse to go back and bring the girl. It was too late. Meetings and partings are numberless in human life. He consoled himself with this philosophy. Ratan had no such philosophy to console her. She was wandering about the post office with tears in her eyes, fondly hoping that her Postmaster would return. SubQuestion No : 25 Q.25 What do you infer about Ratan from the words "She fondly hoping that the Postmaster would return"? Choose the best option, according to the passage. Ans X A The Postmaster did not like Ratan, so he left her. B. Ratan was very much attached to the postmaster. X c. The Postmaster did not at all want to take Ratan with him. X D. The Postmaster treated Ratan only as a servant. Ouestion ID : 59445918661 Status : Answered Chosen Option : 3

Section : Domain Knowledge

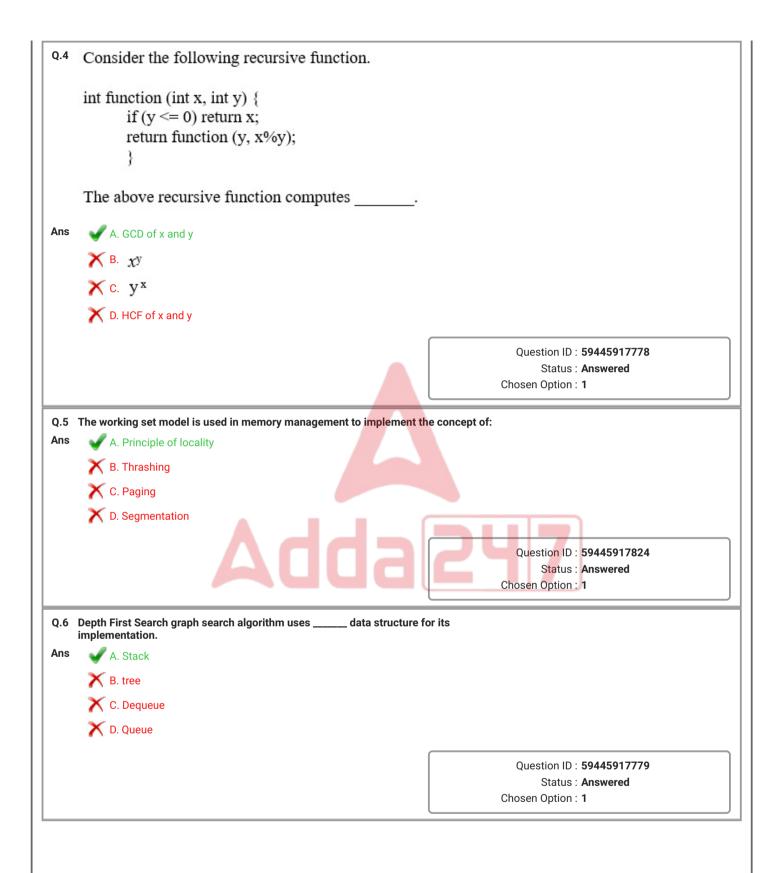
















Q.7	
•	In RSA
	1. p and q are chosen as very large prime number
	2. Compute $n = p * q$ and $\phi(n) = (p-1) * (q-1)$
	Later e encryption key chosen. How this encryption key is selected?
Ans	$\bigwedge$ A. e is chosen as a relative prime to q
	$\times$ B. e is chosen as a relative prime to p
	$\checkmark$ c. <i>e</i> is chosen as a relative prime to $\phi(n)$
	$\mathbf{X} \mathbf{D}$ . <i>e</i> is chosen as a relative prime to <i>n</i>
	Question ID : 59445917851
	Status : Answered
	Chosen Option : 3
Q.8	Consider the following problem X
	"Given a Turing Machine M over the input alphabet $\Sigma$ any state <b>q</b> of <b>M</b> and word $\Sigma^*$ , does the computation of M on w visit the state <b>q</b> "
	Which of the following X is correct?
Ans	Which of the following X is correct?
Ans	
Ans	A. X is undecidable but partially decidable
Ans	<ul> <li>A. X is undecidable but partially decidable</li> <li>B. X is not a decision problem</li> </ul>
Ans	<ul> <li>A. X is undecidable but partially decidable</li> <li>B. X is not a decision problem</li> <li>C. X is decidable</li> <li>D. X is undecidable but not even partially decidable</li> </ul>
Ans	<ul> <li>A. X is undecidable but partially decidable</li> <li>B. X is not a decision problem</li> <li>C. X is decidable</li> <li>D. X is undecidable but not even partially decidable</li> </ul> Question ID : 59445917810
Ans	<ul> <li>A. X is undecidable but partially decidable</li> <li>B. X is not a decision problem</li> <li>C. X is decidable</li> <li>D. X is undecidable but not even partially decidable</li> </ul>
	<ul> <li>A. X is undecidable but partially decidable</li> <li>B. X is not a decision problem</li> <li>C. X is decidable</li> <li>D. X is undecidable but not even partially decidable</li> </ul> Question ID : 59445917810 Status : Answered
	<ul> <li>A. X is undecidable but partially decidable</li> <li>B. X is not a decision problem</li> <li>C. X is decidable</li> <li>D. X is undecidable but not even partially decidable</li> </ul> Question ID: 59445917810 <ul> <li>Status : Answered</li> <li>Chosen Option : 1</li> </ul> The expression for commutative law is given by:
Q.9	<ul> <li>A. X is undecidable but partially decidable</li> <li>B. X is not a decision problem</li> <li>C. X is decidable</li> <li>D. X is undecidable but not even partially decidable</li> <li>Question ID: 59445917810 Status : Answered Chosen Option : 1</li> </ul> The expression for commutative law is given by: <ul> <li>A. A + AB = A</li> <li>B. A + AB = B</li> </ul>
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	$S \rightarrow m \mid mn \mid mno$	
	Choose correct statement from the following:	
ns	A. The grammar is LL ( 4 )	
	B. The grammar is LL ( 3 )	
	🗙 C. The grammar is LL ( 2 )	
	🗙 D. The grammar is LL ( 1 )	
		Question ID : 59445917819
		Status : Answered
		Chosen Option : 3
) 11	Consider the classful addressing, the IP address 128.252.144.84 deno	itee.
Ans	X A. 0.0.0.0 as network ID and 128.252.252.84 as node ID	
	B. 128.0.0.0 as network ID and 128.252.127.84 as node ID	
	C. 128.252.144.0 as network ID and 128.252.144.84 as node ID	
	<ul> <li>D. 128.252.0.0 as network ID and 128.252.144.84 as node ID</li> </ul>	
	D. 120.202.0.0 d3 network iD and 120.202.144.04 d3 node iD	
		Question ID : 59445917846
		Status : Answered Chosen Option : 4
2.12	Consider the following statement. I. Packet Filter Firewall analyze network traffic at transport layer. II. Circuit Level Firewalloperate at transport and session layer of OSI M	Chosen Option : 4
	I. Packet Filter Firewall analyze network traffic at transport layer. II. Circuit Level Firewalloperate at transport and session layer of OSI M From the above statement which statement/s is/are True A. Only I B. Only II C. None	Chosen Option : 4
	I. Packet Filter Firewall analyze network traffic at transport layer. II. Circuit Level Firewalloperate at transport and session layer of OSI M From the above statement which statement/s is/are True A. Only I B. Only II	Chosen Option : 4
	I. Packet Filter Firewall analyze network traffic at transport layer. II. Circuit Level Firewalloperate at transport and session layer of OSI M From the above statement which statement/s is/are True A. Only I B. Only II C. None	Chosen Option : <b>4</b>
	I. Packet Filter Firewall analyze network traffic at transport layer. II. Circuit Level Firewalloperate at transport and session layer of OSI M From the above statement which statement/s is/are True A. Only I B. Only II C. None	Chosen Option : 4
Ans	<ul> <li>I. Packet Filter Firewall analyze network traffic at transport layer.</li> <li>II. Circuit Level Firewalloperate at transport and session layer of OSLM</li> <li>From the above statement which statement/s is/are True</li> <li>A. Only I</li> <li>B. Only II</li> <li>C. None</li> <li>D. I and II</li> </ul>	Chosen Option : 4 Indel. 297 Question ID : 59445917853 Status : Answered
Ans	<ul> <li>I. Packet Filter Firewall analyze network traffic at transport layer.</li> <li>II. Circuit Level Firewalloperate at transport and session layer of OSLM</li> <li>From the above statement which statement/s is/are True</li> <li>A. Only I</li> <li>B. Only II</li> <li>C. None</li> <li>D. I and II</li> </ul>	Chosen Option : 4 Indel. 297 Question ID : 59445917853 Status : Answered
Ans	<ul> <li>I. Packet Filter Firewall analyze network traffic at transport layer.</li> <li>II. Circuit Level Firewalloperate at transport and session layer of OSLM</li> <li>From the above statement which statement/s is/are True</li> <li>A. Only I</li> <li>B. Only II</li> <li>C. None</li> <li>D. I and II</li> </ul> is not a public key cryptosystem. A. El Gamal	Chosen Option : 4 Indel. 297 Question ID : 59445917853 Status : Answered
Ans	<ul> <li>I. Packet Filter Firewall analyze network traffic at transport layer.</li> <li>II. Circuit Level Firewalloperate at transport and session layer of OSLM</li> <li>From the above statement which statement/s is/are True</li> <li>A. Only I</li> <li>B. Only II</li> <li>C. None</li> <li>D. I and II</li> </ul> is not a public key cryptosystem. <ul> <li>A. El Gamal</li> <li>B. Rabin</li> </ul>	Chosen Option : 4 Indel. 297 Question ID : 59445917853 Status : Answered
Ans	<ul> <li>I. Packet Filter Firewall analyze network traffic at transport layer.</li> <li>II. Circuit Level Firewalloperate at transport and session layer of OSLM</li> <li>From the above statement which statement/s is/are True</li> <li>▲ A. Only I</li> <li>▲ B. Only II</li> <li>▲ C. None</li> <li>D. I and II</li> </ul> Is not a public key cryptosystem. <ul> <li>▲ A. El Gamal</li> <li>▲ B. Rabin</li> <li>▲ C. AES</li> </ul>	Chosen Option : 4 Indel. 297 Question ID : 59445917853 Status : Answered
Ans	<ul> <li>I. Packet Filter Firewall analyze network traffic at transport layer.</li> <li>II. Circuit Level Firewalloperate at transport and session layer of OSLM</li> <li>From the above statement which statement/s is/are True</li> <li>A. Only I</li> <li>B. Only II</li> <li>C. None</li> <li>D. I and II</li> </ul> is not a public key cryptosystem. <ul> <li>A. El Gamal</li> <li>B. Rabin</li> </ul>	Chosen Option : 4 Indel. 297 Question ID : 59445917853 Status : Answered
Ans	<ul> <li>I. Packet Filter Firewall analyze network traffic at transport layer.</li> <li>II. Circuit Level Firewalloperate at transport and session layer of OSLM</li> <li>From the above statement which statement/s is/are True</li> <li>▲ A. Only I</li> <li>▲ B. Only II</li> <li>▲ C. None</li> <li>D. I and II</li> </ul> Is not a public key cryptosystem. <ul> <li>▲ A. El Gamal</li> <li>▲ B. Rabin</li> <li>▲ C. AES</li> </ul>	todel. 2937 Ruestion ID : 59445917853 Status : Answered Chosen Option : 4
Ans	<ul> <li>I. Packet Filter Firewall analyze network traffic at transport layer.</li> <li>II. Circuit Level Firewalloperate at transport and session layer of OSLM</li> <li>From the above statement which statement/s is/are True</li> <li>▲ A. Only I</li> <li>▲ B. Only II</li> <li>▲ C. None</li> <li>D. I and II</li> </ul> Is not a public key cryptosystem. <ul> <li>▲ A. El Gamal</li> <li>▲ B. Rabin</li> <li>▲ C. AES</li> </ul>	Chosen Option : 4 Indel. 297 Question ID : 59445917853 Status : Answered





0.14	Consider the FA shown in fig below which language is accept	ed by the FA:
	Consider the TA shown in hg below which language is accept	ed by me TA.
	Start b a a	
Ans	A. (b + a + b)*a	
	<b>B</b> . b + (a + b)*b	
	C. b + a*b*	
	<b>X</b> D. b + a*b	
		Question ID : 59445917804 Status : Answered
		Chosen Option : 2
0.45		,
Q.15	5 Generation of intermediate code based on an abstract machine model is us because:	
Ans	A. It makes implementation of lexical and syntax analysis easier	
	imes B. It is difficult to generate executable code from high level language p	program.
	X C. Syntax translations are easier for intermediate code generation	
	ightarrow D. It enhances the portability of the compiler system program	
		Question ID : 59445917817
		Status : Answered
		Chosen Option : 4
Q.16 Ans	5 The maximum height of a binary tree with 'n' nodes is A. $(n + n)$	247
	<b>X</b> B. (n + 1)	
	<b>X</b> C. n	
	✓ D. (n − 1)	
		Question ID : 59445917776 Status : Answered
		Chosen Option : 4
0 17	In hashing, collision resolution is carried out by close addressing. Which of	the following is
Q.17	close addressing technique –	are ronowing is
	I. Buckets (for contiguous storage) II. Chains (for linked storage)	
Ans		
	B. Only II	
	C. I and II	
	D. None	
		)
		Question ID : 59445917793 Status : Answered
		Chosen Option : 1





Q.18	The main memory of a computer has 2 cm blocks while the cache has 2c blocks. If cache uses set associative mapping scheme with two blocks per set, then the block k of the main memory maps to set:
Ans	X A. (k mod m) of the cache
	B. (k mod c) of the cache
	C. (k mod 2c) of the cache
	X D. (k mod 2cm) of the cache
	Question ID : <b>59445917771</b> Status : <b>Answered</b> Chosen Option : <b>2</b>
Q.19	Consider the following two statements.
	<ol> <li>A binary tree T is full if each node is either a leaf or possesses exactly two child nodes.</li> <li>A binary tree T with n levels is complete if all levels except possibly the last are completely full, and the last level has all its nodes to the left side.</li> </ol>
	Which statement is/are TRUE
Ans	A. Only 2
	B. Only 1
	C. 1 and 2
	D. Neither 1 nor 2
	Question ID : 59445917786 Status : Answered
	Chosen Option : 3
Q.20	Consider the Unix i-node whi <mark>ch uses 12 direct DBAs, 1 single indirect, 1 double</mark> indirect, 1 triple indirect. The disk block address requires 32 bits and disk block size is 1 KB. What is the maximum file size?
Ans	🗙 А. 32 GB
	🗙 B. 64 GB
	🗸 C. 16 GB
	X D. 8 GB
	Question ID : <b>59445917828</b> Status : <b>Answered</b> Chosen Option : <b>3</b>





_ •	A trigger has three parts. The describes the change that activates the trigger. The is a query that is run whenever the trigger is activated. The is the procedure that is executed if the trigger is activate	d and the condition is
	true.	
าร	X A. event, condition, actor	
	🗙 B. entity, condition, action	
	🗙 C. event, question, action	
	V D. event, condition, action	
		Question ID : <b>59445917841</b> Status : <b>Answered</b>
		Chosen Option : 4
22	Which layer is associated with log in and log out from the network?	
IS	X A. Presentation	
	🗙 B. Transport	
	🗙 C. Data Link	
	V D. Session	
		Question ID : 59445917849
		Status : <b>Answered</b> Chosen Option : <b>4</b>
23	Digital Certificates are described using format.	
ns	✓ A. X.509	
	X B. X.510	
	X C. X.508	
	🗙 D. X.409	
		Question ID : <b>59445917855</b> Status : <b>Answered</b>
		Chosen Option : 1
_		
24 Is		straint in SQL.
5	A. MODIFY Table	
	X B. DEFINE Table	
	🗙 C. ADD Column	
	V D. ALTER Table	
	-	
		Question ID : 59445917844
		Status : Answered
		Chosen Option : 4





0.25	Which is equivalent CFG without useless symbols for the given gran	nmar:
Ans	$S \rightarrow PQ \mid p, P \rightarrow p$ $\bigwedge A. S \rightarrow PQ$	
7410		
	✓ B. S → p	
	$\mathbf{X}$ C. S $\rightarrow$ P , P $\rightarrow$ p	
	$\mathbf{X}$ D. S $\rightarrow$ P   p , P $\rightarrow$ p	
		Question ID : 59445917820
		Status : Answered
		Chosen Option : 4
Q.26	Which of the following derivation does a top-down parser use while The input is assumed to be scanned in left to right order.	parsing a input string?
Ans	X A. Topmost derivation	
	X B. Leftmost derivation traced out in reverse	
	C. Leftmost derivation	
	D. Rightmost derivation	
		Question ID : 59445917811
		Status : Answered Chosen Option : 3
	Polynomial addition is implemented using data structure.	
Ans	A. Trees	
	X B. Queue	
	C. Linked list	
	X D. Stack	
		Question ID : 59445917787
		Status : Answered
		Chosen Option : 3
	A of a relation is a set of one or more attributes whose valu identify tuples in the relation uniquely.	es are guaranteed to
Ans	X A. foreign key	
	B. super key	
	X C. scheme	
	D. key	
		Question ID : <b>59445917833</b>
		Status : <b>Answered</b> Chosen Option : <b>4</b>

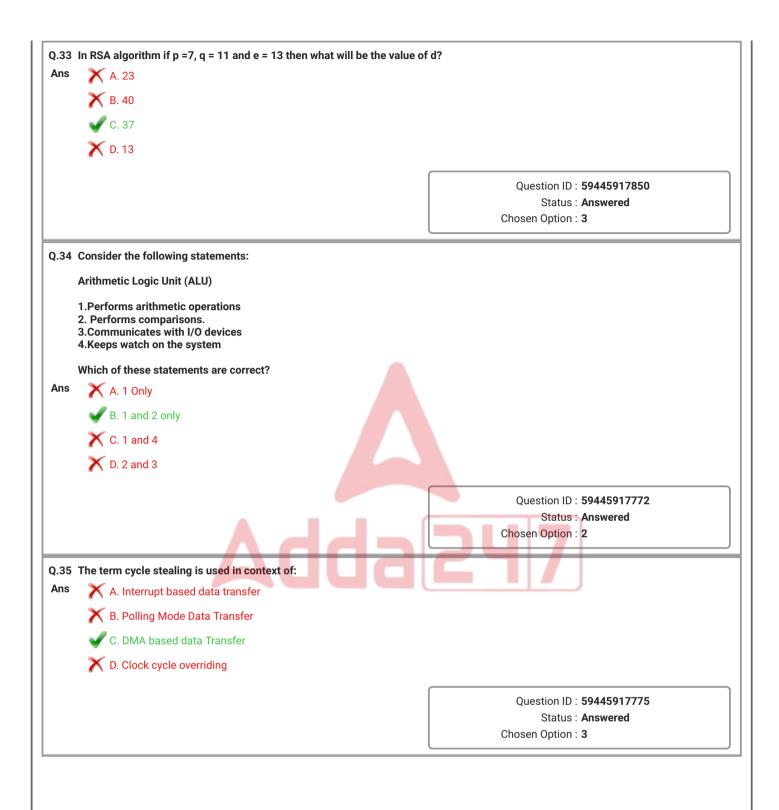




0.20	For implementation of recursion system uses data structure.	
Q.29 Ans	A. Linked List	
	X B. Deque	
	C. Stack	
	X D. Queue	
	b. Quodo	
		Question ID : 59445917784
		Status : <b>Answered</b> Chosen Option : <b>3</b>
		·
	Which of the following statement is true?	
Ans	X A. The parsers canonical LR and LALR have the same power	
	ightarrow B. LALR parser is more important than canonical LR parser	
	ightarrow C. SLR parser is more powerful than LALR parser	
	✔ D. Canonical LR parser is more powerful than LALR parser	
		Question ID : 59445917818
		Status : Answered
		Chosen Option : 4
0.31	Page fault occurs when	
Ans	A. The page is in main memory	
	B. The page has an address, which cannot be loaded	
	C. The page is not in main memory	
	X D. The page is not in cache memory	
		Question ID : 59445917822
		Status : <b>Answered</b> Chosen Option : <b>3</b>
		·
	Queue structure is used in	
Ans	X A. Polynomial addition	
	B. Recursion	
	C. Depth First Search algorithm	
	D. Breadth First Search algorithm	
		Question ID : 59445917783
		Status : Answered
		Chosen Option : 4

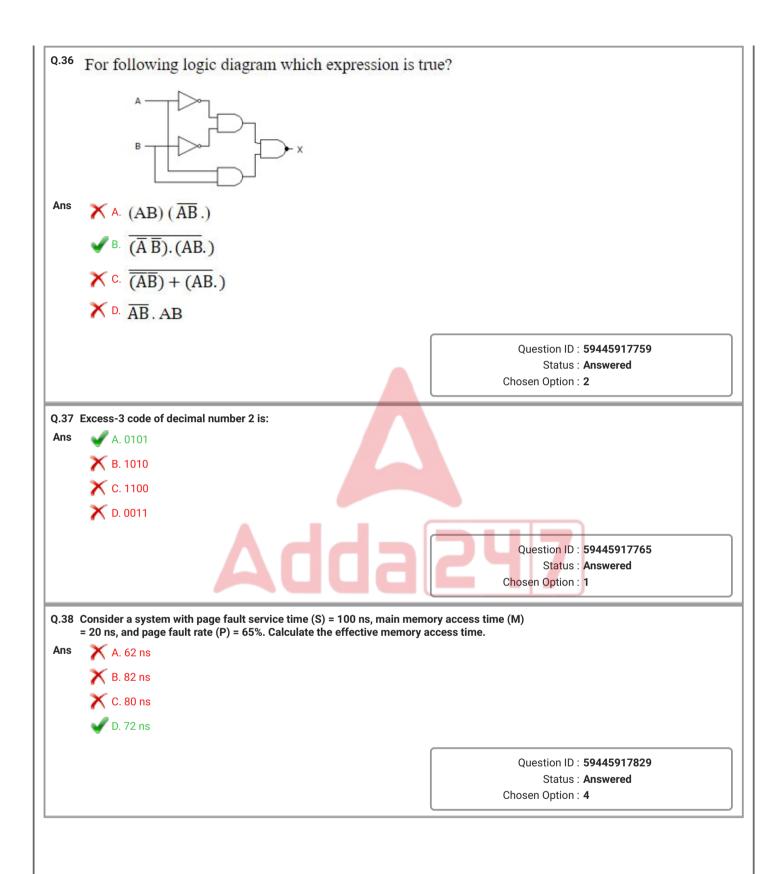
















Q.39	Solve the following recurrence relation:	
	$T(n) = 4T(n/2) + n^2$	
Ans	🗙 А. Ө (n <sup>3</sup> )	
	✔ B. Θ ( n <sup>2</sup> log n)	
	🗙 С. Ө (n <sup>2</sup> /2)	
	<b>Χ</b> D. Θ (n <sup>2</sup> )	
		Question ID : <b>59445917799</b> Status : <b>Answered</b>
		Chosen Option : 2
Q.40 Ans	In balance factor of a node is the difference between left a	subtree and right subtree.
Ans	X A. Red Black Tree	
	X B. B+ Tree	
	C. AVL tree	
	X D. 2-3 Tree	
		Question ID : 59445917790
		Status : Answered
		Chosen Option : 3
<b>2.41</b>	The language generated by following grammar is:	
	S → aSa   bSb   ε	
Ans	✓ A. Even length palindrome	
	$\mathbf{X}$ B. a <sup>m</sup> b <sup>n</sup> n $\ge$ 0, m $\ge$ 0	
	C. Odd length palindrome	
	$\mathbf{X}$ D. a <sup>n</sup> b <sup>m</sup> n $\geq$ 1, m $\geq$ 1	
		Question ID : 59445917802
		Status : <b>Answered</b> Chosen Option : <b>1</b>
	The language {a <sup>m</sup> b <sup>n</sup> c <sup>m+n</sup>   m, n ≥ 1} is:	
Ans	X A. regular	
	X B. type 0 but not context sensitive	
	C. context free but not regular	
	ightarrow D. context sensitive but not context free	
		Question ID : 59445917807
		Status : Answered





Q.43	Which of the following affects the processing power of CPU	
	I. Data bus width	
	II. Clock speed III. Address Bus width	
Ans	X A. I and III	
	B. I, II and III	
	C. Only I	
	🗙 D. Only II	
		Question ID : 59445917770
		Status : Answered
		Chosen Option : 2
Q.44 Ans	In a D flip flop the out-put state Q is related with D input in what way?	
AIIS	A. Q is dependent of D	
	B. Q is same as D	
	X C. Q is independent of D	
	X D. Q is complement of D	
		Question ID : 59445917758 Status : Answered
		Chosen Option : 2
Q.45	includes a query language and commands to insert tuples into and modify tuples in the database.	, delete tuples from,
Ans	X A. Query Language	
	B. Data-manipulation language	
	C. Data-definition language	
	X D. Data-calculation language	
		Question ID : 59445917835
		Status : Answered
		Chosen Option : 2
Q.46	Which grammar rules violate the requirement of the operator gramma and a, b, c are terminals.	r? A, B, C are variables
	i. A → BC	
	ii. A → CcBb	
	iii. A → BaC	
400	iv. $A \rightarrow \varepsilon$	
Ans	X A. i only	
	🗙 B. i and ii	
	🗙 C. i and iii	
	V D. i and iv	
		Question ID : <b>59445917821</b> Status : <b>Answered</b>
		Chosen Option : 4

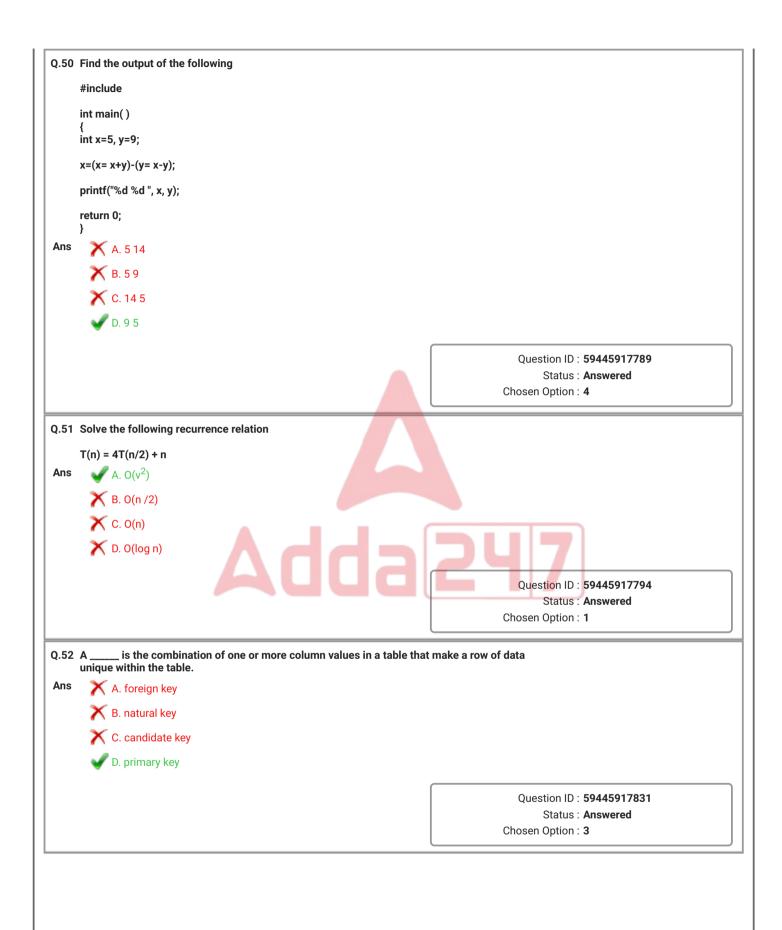




	Principle of locality is used in	
Ans	🗙 A. Registers	
	🗙 B. DMA	
	👽 C. Cache Memory	
	🗙 D. Interrupt	
		Question ID : <b>59445917767</b> Status : <b>Answered</b>
		Chosen Option : 3
J.48	In authentication, the claimant proves that she knows the to the verifier.	secret without sending it
Ans	🗙 A. asymmetric	
	🗙 B. zero knowledge	
	C. symmetric	
	D. challenge response	
	D. chullenge response	
		Question ID : 59445917854
		Status : Answered
		Chosen Option : 4
Q.49	The following is the sequence of insertion in a binary tree.	
	45,65,35,40,33,70,60,75,69	
	How many numbers of nodes in Left Sub Tree (LST) and Right Su	Ib Tree (RST) of Root node.
Ans	🗙 A. LST – 6, RST-2	
	🗙 B. LST – 5, RST-3	
	✓ C. LST – 3, RST-5	
	X D. LST - 2, RST-6	
		Question ID : 59445917777
		Status : Answered
		Chosen Option : 3











Q.53		
	Write true ( T ) / false ( F )for each of the following statements:	
	A. Symbol table is used only in first phase of a compiler.	
	B. A pretty printer analyses a program and prints it in such a way th program becomes early visible.	nat the structure of the
	C. YACC build up LALR parsing table.	
	D. If a grammar is LALR(1), it is not necessarily SLR(1)	
Ans	🗙 A. T T F T	
	🗙 В. ЕТТТ	
	🗙 C. TTTF	
	V D. FTTF	
	•	
		Question ID : 59445917816
		Status : <b>Answered</b> Chosen Option : <b>4</b>
Q.54	The following grammar is:	
	$S \rightarrow Aa \mid bAc \mid Bc \mid bBa$	
	$A \rightarrow d$	
	B→d	
Ans	X A. Not LR(1) but LALR(1)	
	X B. Neither LR(1) nor LALR(1)	
	X C. LR(1) and LALR(1)	
	D. LR(1) but not LALR(1)	
		Question ID : 59445917814
		Status : Answered Chosen Option : 1
Q.55	Let L be the set of all binary strings whose last two symbols are the	e same. The number of
	states in the minimum state deterministic finite state automation a	accepting language is
Ans	× A. 2	
	✔ B. 5	
	<b>X</b> C. 8	
	🗙 D. 3	
	X D. 3	Question ID : 59445917806
	X D. 3	Question ID : <b>59445917806</b> Status : <b>Answered</b>
	X D. 3	
0.56		Status : Answered
Q.56 Ans	is First in Last Out kind of data structure.	Status : Answered
	is First in Last Out kind of data structure.	Status : Answered
	<ul> <li>is First in Last Out kind of data structure.</li> <li>A. Stack</li> <li>B. Array</li> </ul>	Status : Answered
	<ul> <li>is First in Last Out kind of data structure.</li> <li>A. Stack</li> <li>B. Array</li> <li>C. Deque</li> </ul>	Status : Answered
	<ul> <li>is First in Last Out kind of data structure.</li> <li>A. Stack</li> <li>B. Array</li> </ul>	Status : Answered
	<ul> <li>is First in Last Out kind of data structure.</li> <li>A. Stack</li> <li>B. Array</li> <li>C. Deque</li> </ul>	Status : Answered Chosen Option : 4
	<ul> <li>is First in Last Out kind of data structure.</li> <li>A. Stack</li> <li>B. Array</li> <li>C. Deque</li> </ul>	Status : Answered





What is mean by stable sorting algorithm?			
X B. A sorting algorithm is stable if it preserves the order of non-duplicate keys			
ightarrow D. A sorting algorithm is stable if it doesn't preserve the order of duplicate keys			
Г	Question ID : 59445917791		
	Status : Answered		
	Chosen Option : 3		
Consider the following Inorder and Preorder traversal of a tree			
Inorder – D B E F A G H C Preorder - A B D E E C G H			
U. DFEBROCK			
	Question ID : 59445917781		
	Status : Answered		
	Chosen Option : 4		
In SQL – the function - avg, min, max, sum, count are called as			
A. aggregate function			
X B. adjunct function			
X C. scalar operation			
X D. set operation			
C			
	Question ID : <b>59445917836</b>		
	Status : <b>Answered</b> Chosen Option : <b>1</b>		
	<ul> <li>A. A sorting algorithm is stable if it preserves the order of all keys</li> <li>B. A sorting algorithm is stable if it preserves the order of non-duplic</li> <li>C. A sorting algorithm is stable if it preserves the order of duplicated</li> <li>D. A sorting algorithm is stable if it doesn't preserve the order of duplicated</li> <li>D. A sorting algorithm is stable if it doesn't preserve the order of duplicated</li> <li>D. A sorting algorithm is stable if it doesn't preserve the order of duplicated</li> <li>D. A sorting algorithm is stable if it doesn't preserve the order of duplicated</li> <li>D. A sorting algorithm is stable if it doesn't preserve the order of duplicated</li> <li>Consider the following Inorder and Preorder traversal of a tree</li> <li>Inorder - D B E F A G H C</li> <li>Preorder - A B D E F C G H</li> <li>What is the Postorder Traversal of the same tree</li> <li>A. D F E B H C G A</li> <li>B. D F E B G H C A</li> <li>C. D F E H B G C A</li> <li>D D F E B H G C A</li> <li>D D F E B H G C A</li> <li>A aggregate function</li> <li>A aggregate function</li> <li>B. adjunct function</li> <li>C. scalar operation</li> </ul>		





Q.60	What is the output of the following C program
	#include
	int main( ) {
	、 int i=5; printf("%d %d %d", i++, i, ++i );
	return 0;
Ans	X A. 766
	× B. 678
	C. 677
	D. 567
	Question ID : <b>59445917788</b> Status : <b>Answered</b>
	Chosen Option : 1
0 4 1	What is number of page faults by least recently used page replacement for a memory with 4
Q.01	frames for the page reference string 2, 0, 1, 2, 4, 0, 5, 1, 4, 6, <mark>4, 2, 1, 3,</mark> 0 ?
Ans	X A. 9
	В.7
	X C. 8
	✓ D. 10
	Question ID : 59445917830 Status : Answered
	Chosen Option : 4
Q.62	Relations and fields can be renamed in relational algebra using the renaming operator
Ans	
AIIS	Α. ρ
	× Β. σ × C. θ
	X D. X
	Question ID : 59445917839
	Status : Answered
	Chosen Option : 1
Q.63	Consider the binary search tree with n elements. The time required to search given element
Ans	is: ✔ A. O(log n)
	X     B. O(n log n)
	$\mathbf{X}$ C. O(n <sup>2</sup> log n)
	$\mathbf{X}$ D. O(n <sup>2</sup> )
	Question ID : 59445917796
	Status : <b>Answered</b> Chosen Option : <b>1</b>

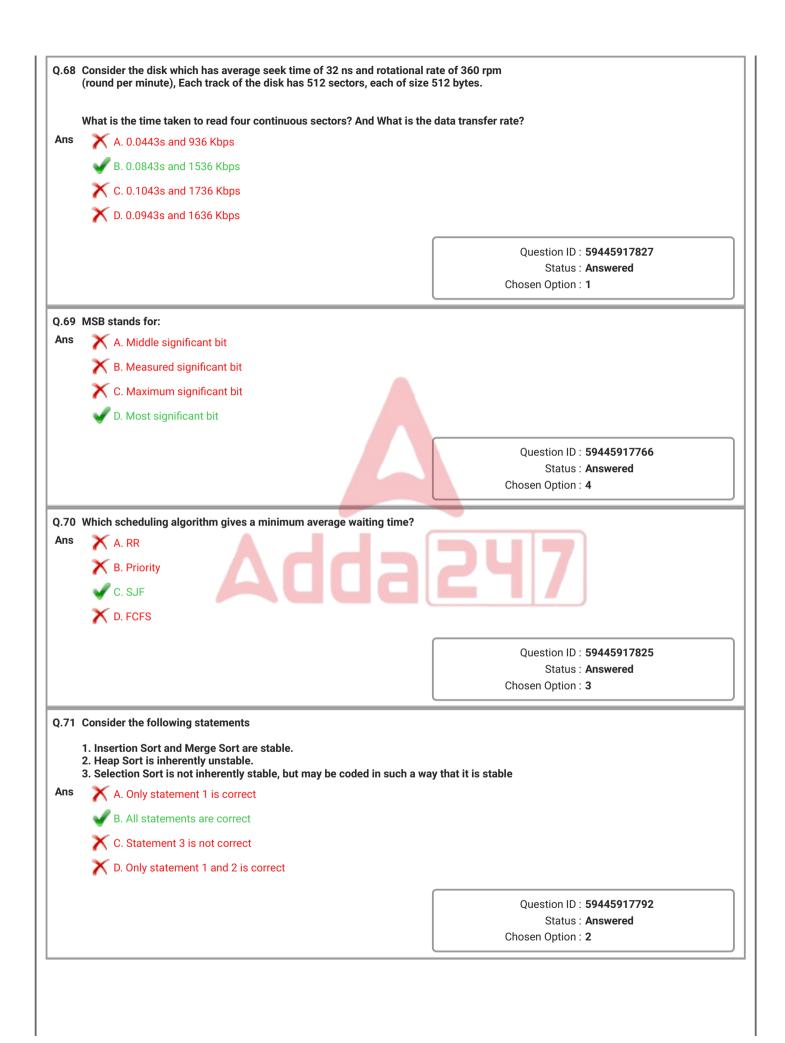




	In Database management system ACID property refers to:	
Ans	X A. Authenticity, Consistency, Isolation, and Durability	
	X B. Atomicity, Confidentiality, Isolation, and Durability	
	C. Atomicity, Consistency, Isolation, and Durability	
	X D. Atomicity, Consistency, Integrity, and Durability	
		Question ID : 59445917837 Status : Answered
		Chosen Option : 3
Q.65	Which of the following statement is true?	
Ans	A. Any logic expression can be implemented using only NAND	gates
	ightarrow B. Any logic expression can be implemented using only EXNOF	R gates
	X C. Any logic expression can be implemented using only NOT g	ates
	ightarrow D. Any logic expression can be implemented using only XOR ga	ates
		Question ID : <b>59445917756</b> Status : <b>Answered</b> Chosen Option : <b>1</b>
	Mutual Exclusion Problem occurs	
Q.66 Ans	ig X A. between two processes that uses different resources of diff	ferent machines.
		ferent machines.
	ig X A. between two processes that uses different resources of diff	ferent machines.
	<ul> <li>A. between two processes that uses different resources of diff</li> <li>B. between two disjoint processes that do not interact</li> <li>C. among processes that share resources</li> </ul>	Question ID : 59445917823
	<ul> <li>A. between two processes that uses different resources of diff</li> <li>B. between two disjoint processes that do not interact</li> <li>C. among processes that share resources</li> </ul>	247
Ans	<ul> <li>A. between two processes that uses different resources of diff</li> <li>B. between two disjoint processes that do not interact</li> <li>C. among processes that share resources</li> </ul>	Question ID : <b>59445917823</b> Status : <b>Answered</b> Chosen Option : <b>3</b>
Ans	<ul> <li>A. between two processes that uses different resources of diff</li> <li>B. between two disjoint processes that do not interact</li> <li>C. among processes that share resources</li> <li>D. among processes that do not use the same resource</li> </ul>	Question ID : <b>59445917823</b> Status : <b>Answered</b> Chosen Option : <b>3</b>
Ans Q.67	<ul> <li>A. between two processes that uses different resources of diff</li> <li>B. between two disjoint processes that do not interact</li> <li>C. among processes that share resources</li> <li>D. among processes that do not use the same resource</li> </ul>	Question ID : <b>59445917823</b> Status : <b>Answered</b> Chosen Option : <b>3</b>
Ans Q.67	<ul> <li>A. between two processes that uses different resources of diff</li> <li>B. between two disjoint processes that do not interact</li> <li>C. among processes that share resources</li> <li>D. among processes that do not use the same resource</li> </ul> The time complexity of searching an element in linked list of length A. O(n log n)	Question ID : <b>59445917823</b> Status : <b>Answered</b> Chosen Option : <b>3</b>
Ans Q.67	<ul> <li>A. between two processes that uses different resources of diff</li> <li>B. between two disjoint processes that do not interact</li> <li>C. among processes that share resources</li> <li>D. among processes that do not use the same resource</li> </ul> The time complexity of searching an element in linked list of length <ul> <li>A. O(n log n)</li> <li>B. O(log n)</li> </ul>	Question ID : <b>59445917823</b> Status : <b>Answered</b> Chosen Option : <b>3</b>
Ans Q.67	<ul> <li>A. between two processes that uses different resources of diff</li> <li>B. between two disjoint processes that do not interact</li> <li>C. among processes that share resources</li> <li>D. among processes that do not use the same resource</li> </ul> The time complexity of searching an element in linked list of length <ul> <li>A. O(n log n)</li> <li>B. O(log n)</li> <li>C. O(n)</li> </ul>	Question ID : 59445917823 Status : Answered Chosen Option : 3
Ans Q.67	<ul> <li>A. between two processes that uses different resources of diff</li> <li>B. between two disjoint processes that do not interact</li> <li>C. among processes that share resources</li> <li>D. among processes that do not use the same resource</li> </ul> The time complexity of searching an element in linked list of length <ul> <li>A. O(n log n)</li> <li>B. O(log n)</li> <li>C. O(n)</li> </ul>	Question ID : 59445917823 Status : Answered Chosen Option : 3

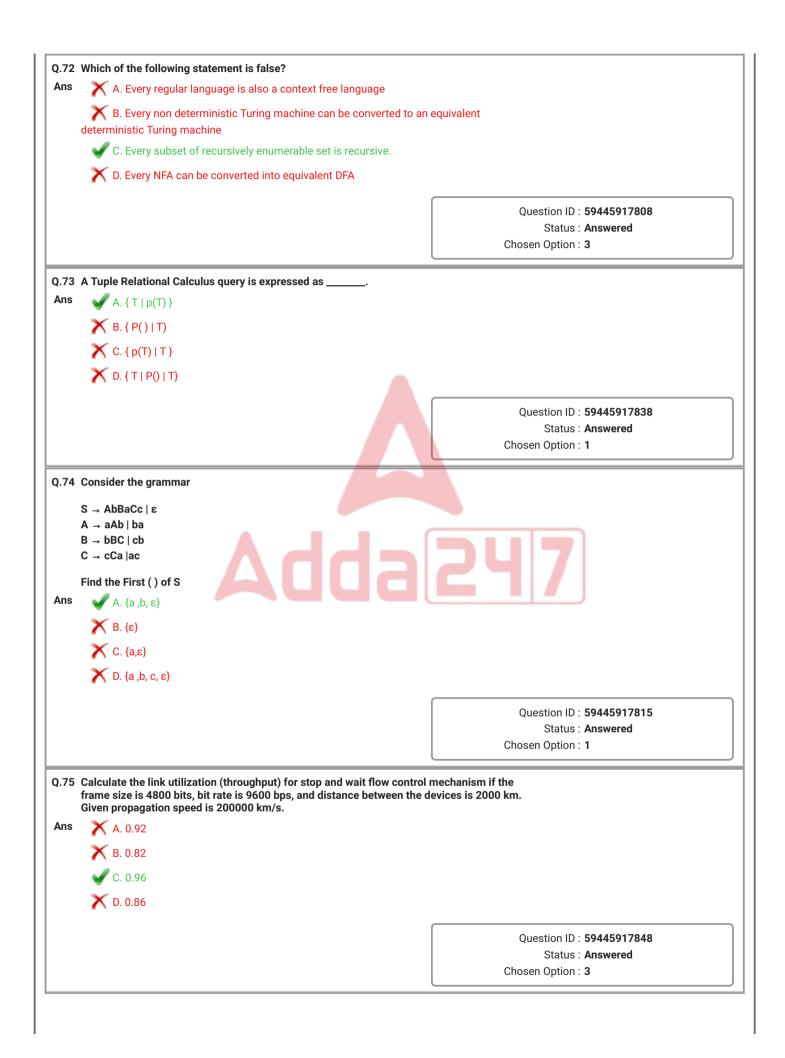
















~ ~ ~			
Q.76 Which is the correct method to obtained 10's compliment of a decimal number?			
Ans	<ul> <li>A. The minuend is added to the 10's complement of the subtrahend and carry is dropped</li> <li>B. The 10's complement of a decimal number is equal to 9's complement of given number minus one</li> <li>C. The subtrahend is added to the 10's complement of the minuend and carry is dropped</li> </ul>		
	D. The 10's complement of a decimal number is equal to 9's conumber plus one	omplement of given	
		Question ID : 59445917764 Status : Answered	
		Chosen Option : 4	
J.77	Maximum throughput of slotted ALOHA network is:		
Ans	🗙 A. 18.4%		
	<b>V</b> B. 36.8%		
	× C. 50%		
	<b>X</b> D. 35.8%		
	N D. 33.0 %		
		Question ID : 59445917847	
		Status : Answered	
		Chosen Option : 2	
	Which one of the following is True?		
Ans			
Ans	A. Every regular grammar is LL (1) and every regular set does a	not have-an LR (1)	
Ans	grammar // // // // //		
AIIS			
Ans	grammar	bes not have-an LR (1)	
AIIS	grammar B. Every regular grammar is not LL (1) and every regular set do grammar C. Every regular grammar is LL (1) and every regular has an LF	bes not have-an LR (1) R (1) grammar	
AIIS	grammar	bes not have-an LR (1) R (1) grammar	
AIIS	grammar B. Every regular grammar is not LL (1) and every regular set do grammar C. Every regular grammar is LL (1) and every regular has an LF	bes not have-an LR (1) R (1) grammar	
AIIS	grammar B. Every regular grammar is not LL (1) and every regular set do grammar C. Every regular grammar is LL (1) and every regular has an LF	bes not have-an LR (1) R (1) grammar as an LR (1) grammar Question ID : <b>59445917812</b> Status : <b>Answered</b>	
AIIS	grammar B. Every regular grammar is not LL (1) and every regular set do grammar C. Every regular grammar is LL (1) and every regular has an LF	bes not have-an LR (1) R (1) grammar as an LR (1) grammar Question ID : <b>59445917812</b>	
	grammar B. Every regular grammar is not LL (1) and every regular set do grammar C. Every regular grammar is LL (1) and every regular has an LF	bes not have-an LR (1) R (1) grammar as an LR (1) grammar Question ID : <b>59445917812</b> Status : <b>Answered</b>	
	grammar B. Every regular grammar is not LL (1) and every regular set do grammar C. Every regular grammar is LL (1) and every regular has an LF D. Every regular grammar is not LL (1) and every regular set has A computer uses RAM chips of 1024 x 1 capacity.	bes not have-an LR (1) R (1) grammar as an LR (1) grammar Question ID : 59445917812 Status : Answered Chosen Option : 1	
Q.79	grammar B. Every regular grammar is not LL (1) and every regular set do grammar C. Every regular grammar is LL (1) and every regular has an LF D. Every regular grammar is not LL (1) and every regular set has A computer uses RAM chips of 1024 x 1 capacity. How many chips are needed to provide memory capacity of 16K byt	bes not have-an LR (1) R (1) grammar as an LR (1) grammar Question ID : 59445917812 Status : Answered Chosen Option : 1	
Q.79	grammar B. Every regular grammar is not LL (1) and every regular set do grammar C. Every regular grammar is LL (1) and every regular has an LF D. Every regular grammar is not LL (1) and every regular set has A computer uses RAM chips of 1024 x 1 capacity. How many chips are needed to provide memory capacity of 16K byt X. 8	bes not have-an LR (1) R (1) grammar as an LR (1) grammar Question ID : <b>59445917812</b> Status : <b>Answered</b> Chosen Option : <b>1</b>	
Q.79	grammar B. Every regular grammar is not LL (1) and every regular set do grammar C. Every regular grammar is LL (1) and every regular has an LF D. Every regular grammar is not LL (1) and every regular set has D. Every regular grammar is not LL (1) and every regular set has A computer uses RAM chips of 1024 x 1 capacity. How many chips are needed to provide memory capacity of 16K byt A. 8 B. 1024	bes not have-an LR (1) R (1) grammar as an LR (1) grammar Question ID : <b>59445917812</b> Status : <b>Answered</b> Chosen Option : <b>1</b>	
Q.79	<ul> <li>grammar</li> <li>B. Every regular grammar is not LL (1) and every regular set do grammar</li> <li>C. Every regular grammar is LL (1) and every regular has an LF</li> <li>D. Every regular grammar is not LL (1) and every regular set has</li> <li>A computer uses RAM chips of 1024 x 1 capacity.</li> <li>How many chips are needed to provide memory capacity of 16K byt</li> <li>A. 8</li> <li>B. 1024</li> <li>C. 16</li> </ul>	bes not have-an LR (1) R (1) grammar as an LR (1) grammar Question ID : <b>59445917812</b> Status : <b>Answered</b> Chosen Option : <b>1</b>	
Q.79	grammar B. Every regular grammar is not LL (1) and every regular set do grammar C. Every regular grammar is LL (1) and every regular has an LF D. Every regular grammar is not LL (1) and every regular set has D. Every regular grammar is not LL (1) and every regular set has A computer uses RAM chips of 1024 x 1 capacity. How many chips are needed to provide memory capacity of 16K byt A. 8 B. 1024	bes not have-an LR (1) R (1) grammar as an LR (1) grammar Question ID : 59445917812 Status : Answered Chosen Option : 1	
	<ul> <li>grammar</li> <li>B. Every regular grammar is not LL (1) and every regular set do grammar</li> <li>C. Every regular grammar is LL (1) and every regular has an LF</li> <li>D. Every regular grammar is not LL (1) and every regular set has</li> <li>A computer uses RAM chips of 1024 x 1 capacity.</li> <li>How many chips are needed to provide memory capacity of 16K byt</li> <li>A. 8</li> <li>B. 1024</li> <li>C. 16</li> </ul>	bes not have-an LR (1) R (1) grammar as an LR (1) grammar Question ID : 59445917812 Status : Answered Chosen Option : 1 es?	
Q.79	<ul> <li>grammar</li> <li>B. Every regular grammar is not LL (1) and every regular set do grammar</li> <li>C. Every regular grammar is LL (1) and every regular has an LF</li> <li>D. Every regular grammar is not LL (1) and every regular set has</li> <li>A computer uses RAM chips of 1024 x 1 capacity.</li> <li>How many chips are needed to provide memory capacity of 16K byt</li> <li>A. 8</li> <li>B. 1024</li> <li>C. 16</li> </ul>	bes not have-an LR (1) R (1) grammar as an LR (1) grammar Question ID : 59445917812 Status : Answered Chosen Option : 1 es? Question ID : 59445917773	
Q.79	<ul> <li>grammar</li> <li>B. Every regular grammar is not LL (1) and every regular set do grammar</li> <li>C. Every regular grammar is LL (1) and every regular has an LF</li> <li>D. Every regular grammar is not LL (1) and every regular set has</li> <li>A computer uses RAM chips of 1024 x 1 capacity.</li> <li>How many chips are needed to provide memory capacity of 16K byt</li> <li>A. 8</li> <li>B. 1024</li> <li>C. 16</li> </ul>	bes not have-an LR (1) R (1) grammar as an LR (1) grammar Question ID : 59445917812 Status : Answered Chosen Option : 1 es?	





Q.80	Number of states in DFA accepting the following language is: L = { $a^n \ b^{2m} \mid n, m \ge 1$ }	
Ans	X A. m	
	B.n	
	C. 5	
	<b>X</b> D. 2	
	0.2	
		Question ID : 59445917803
		Status : <b>Answered</b> Chosen Option : <b>3</b>
	Which of the following has lowest access time?	
Ans	🗙 A. Main Memory	
	🗙 B. Optical disk	
	X C. Cache	
	V D. Registers	
		Question ID : <b>59445917768</b> Status : <b>Answered</b>
		Chosen Option : 2
0.00		a sector and an entertained
Q.82	Which of the following is equivalent of the Boolean expre	ssion given below?
	$A + \overline{A} \cdot B + A \cdot \overline{B}$	
Ans	✓ A. A+B	
	$\mathbf{X}$ c. $\mathbf{B} + \overline{\mathbf{A}}$	
	$\mathbf{X}$ D. $\overline{\mathbf{B}} + \overline{\mathbf{A}}$	
		Question ID : 59445917760
		Status : Answered
		Chosen Option : 1
Q.83	Which of the following is / are correct	
	I. A language is context free if and only if it is accepted by PDA	
Ans	II. PDA is a finite automata with push down stack	
7113	X A. Only II is true	
	B. Both I and II are false	
	C. Both I and II are true	
	X D. Only I is true	
		Question ID : 59445917805
		Question ID : <b>59445917805</b> Status : <b>Answered</b> Chosen Option : <b>3</b>

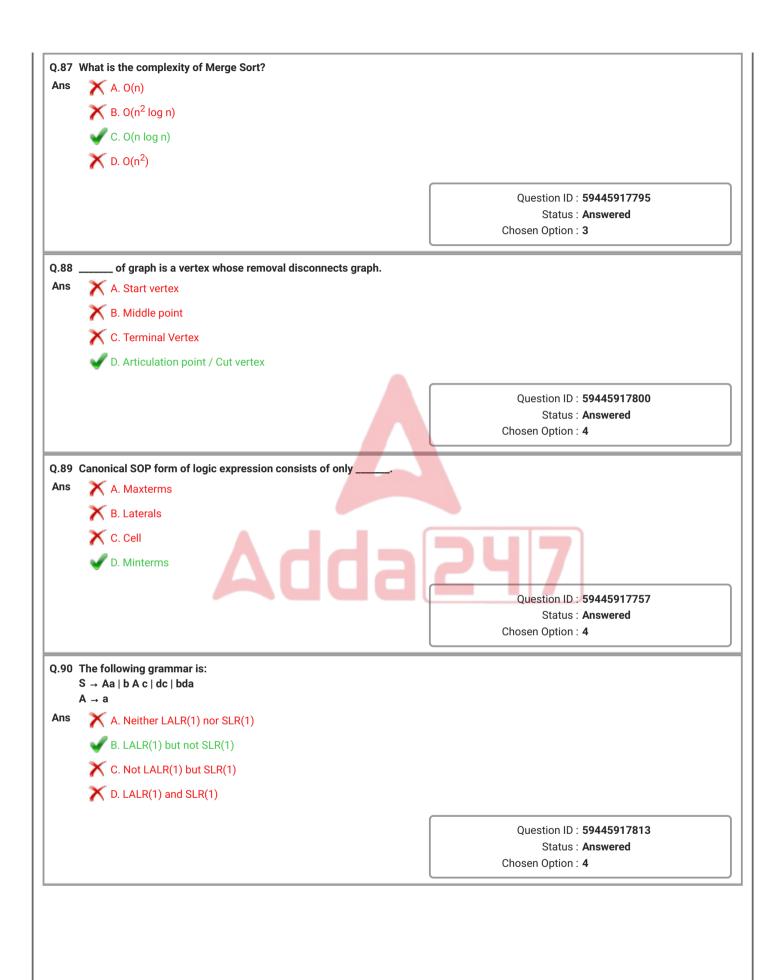




Ans	With respect to deque which of the following is true?		
	B. Insertion and deletion can be done at front and rear ends		
	C. Deletion is done only from rear end		
	D. Insertion is done only from rear end		
	Question ID : 59445917782		
	Status : <b>Answered</b> Chosen Option : <b>2</b>		
.85	A negative edge triggered flip flop transfers data from input to output on the:		
Ans	X A. LOW to HIGH transition of clock pulse		
	X B. BEFORE transition of clock pulse		
	C. HIGH to LOW transition of clock pulse		
	X D. WITHOUT transition of clock pulse		
	Question ID : 59445917763		
	Status : <b>Answered</b> Chosen Option : <b>3</b>		
	Boats( <u>bid</u> , bname, color) What is the equivalent of following relational algebra query in SQL query		
	$\pi_{sname}((\sigma color = 'red'Boats) \bowtie Reserves \bowtie Sailors)$		
Ans	X A.		
	SELECT S.sname, S.rating		
	FROM Sailors S, Reserves R		
	WHERE S.sid = R.sid AND R.bid = B.bid AND B.color = `red'		
	✓ B.		
	SELECT S.sname		
	FROM Sailors S, Reserves R, Boats B WHERE S.sid = R.sid AND R.bid = B.bid AND B.color = `red'		
	SELECT S.sname <b>X</b> • FROM Sailors S, Reserves R, Boats B		
	WHERE S.sid = $R$ .sid AND $B$ .color = 'red'		
	SELECT S.sname		
	$\stackrel{\text{SLLLCT}}{\sim}$ S.shame $\stackrel{\text{SLLLCT}}{\sim}$ S.shame $\stackrel{\text{SLLLCT}}{\sim}$ S.shame $\stackrel{\text{SLLLCT}}{\sim}$ S.shame $\stackrel{\text{SLLLCT}}{\sim}$ S.shame		
	WHERE $R.bid = B.bid AND B.color = `red'$		
	Question ID : 59445917840		
	Status : <b>Answered</b> Chosen Option : <b>2</b>		











าร	🖌 A. First normal		
	X B. Third normal		
	X C. Second normal		
	X D. Fourth normal		
		Question ID : <b>59445917842</b> Status : <b>Answered</b>	
		Chosen Option : 1	
00	te bashing a literation in the second		
.92 Ins	In hashing, collision results when X A. an attempt is made to delete a record at full primary bucket.		
	$\checkmark$ B. an attempt is made to insert a record at full primary bucket.		
	-		
	$\times$ C. an attempt is made to insert a record anywhere in primary bucket	ıt.	
	X D. an attempt is made to insert a record at empty primary bucket.		
		Question ID : 59445917785	
		Status : Answered	
		Chosen Option : 2	
Ans	<ul> <li>A. ALTER VIEW</li> <li>B. COMPILE VIEW</li> <li>C. CREATE VIEW</li> <li>D. DEFINE VIEW</li> </ul>	247	
		Question ID : <b>59445917845</b> Status : <b>Answered</b>	
		Chosen Option : 2	
2.94	The multiplicand register and multiplier register of hardware circuit impl algorithm have (11101) and (1100). The result shall be:	ementing Booths	
Ans	✓ A. 812 <sub>10</sub>		
	▶ в81210		
	<b>×</b> c. −12 <sub>10</sub>		
	<b>X</b> D. 12 <sub>10</sub>		
		Question ID : 59445917774	





.95	The defines a set of operations on relations, paralleling the usual operations such as addition, subtraction or multiplication, which operat	al algebraic e on numbers.	
ns	X A. relational calculus		
	ightarrow B. referential integrity		
	C. relational algebra		
	X D. relations		
		Question ID : <b>59445917832</b>	
		Status : <b>Answered</b> Chosen Option : <b>3</b>	
96	The class of Context-free grammar is not closed underoperation	าร.	
ns	X A. Concatenation		
	V B. Intersection		
	🗙 C. Star		
	X D. Union		
		(	
		Question ID : 59445917801	
		Status : <b>Answered</b> Chosen Option : <b>2</b>	
.97	Which of the following is a unary operation?		
ns	X A. Intersection		
	B. Projection		
	X C. Join		
	X D. Cartesian Product		
		Question ID : 59445917843	
		Status : <b>Answered</b> Chosen Option : <b>2</b>	
.98	Which of the following statement is false about Prim's algorithm?		
ns	igma A. Initially the roots key and nodes are initialized to zero.		
	B. It may use binomial max heap to represent the priority queue.		
	$\mathbf{X}$ C. The complexity is O(E log V) using binary heap		
	$\mathbf{X}$ D. The time complexity is $\Omega(\mathbf{E} \pm V \log V)$ using Eibonassi Hasp		
	X D. The time complexity is O(E + V log V)using Fibonacci Heap		
	X D. The time complexity is O(E + V log V)using Fibonacci Heap	Question ID : 59445917798	
	X D. The time complexity is O(E + V log V)using Fibonacci Heap	Question ID : <b>59445917798</b> Status : <b>Answered</b> Chosen Option : <b>1</b>	





Q.99 Ans	Which of following problems are undecidable? I. Membership problem in context-free languages II. Whether a given context-free language is regular III. Whether a finite state automation halts on all inputs IV.Membership problem for type 0 languages X. III and IV	
	X B. I and IV	
	🗙 C. I and II	
	V D. II and IV	
		Ouestion ID : 59445917809
		Status : Answered
		Chosen Option : 3
		)
	During DMA transfer, DMA controller transfers data	
Ans	X A. directly from CPU to Memory	
	X B. directly from memory to CPU	
	X C. directly between memory and registers	
	✔ D. directly between the I/O module and main memory	
		Question ID : <b>59445917769</b>
		Status : Answered Chosen Option : 4
	Adda	247