Q1. A alone can complete a work in 12 days. A and B together can complete it in 8 days. How long will B alone take to complete the work?
a) 24 days b) 18 days c) 16 days d) 20 days
Q2. A and B together can do a piece of work in 12 days while A alone can do the same work in 30 days. B alone can do it in:
Q3. If 42 persons consume 144 kg of wheat in 15 days, then in how many days will 30 persons consume 45 kg of wheat?
a) 8 days b) 7 days c) 12 days d) 6 days
Q4. A canal of a village can be cleaned by 24 villagers in 12 days. The number of days in which 36 villagers can clean the canal is:
a) 18 days b) 16 days c) 8 days d) 72 days
Q5. A can do a piece of work in 4 days and B can do it in 12 days. In how many days will they finish
the work, both working together?
a) 4 days b) 6 days c) 2 days d.) 3 days
Q6. A can finish a work in 7 days. B can finish the same work in 9 days. The number days required to
finish the same work by both of them together is:
a) 31/16 b) 47/16 c) 63/16 d) 73/16
Q7. 15 men take 21 days of 8 hour each to do a piece of work. How many days of 6 hours each
would it take for 21 women. If 3 women do as much work as 2 men?
a) 15 b) 20 c) 25 d) 30
Q8. If 6 men cut 12 trees in 8 days working 8 hour then how many days can 12 man cut the 48 trees
working 8 hour per day?
a) 8 days b) 10 days c) 12 days d) 16 days
Q9. Ram can polish the floor of a building in 20 days. Find the work done by Ram in one day.
a)1/20 b)3/16 c)16 d)16/3
Q10. A can finish a work in 18 days and B can do the same work in 15 days. B worked for 10 days and left the job. In how many days, A alone can finish the remaining work?
a) 8 days b) 6 days c) 4 days d) 7 days
Q11. If a total Distance of journey is 120 km. If one goes by 60 km/h & come back at 40 km/h, what is the average speed of journey?
a) 50 km/h b) 40 km/h c) 48 km/h d) None of these
Q12. Convert the speed 20m/sec into km/h:
a) 72 km/h b) 25 km/h c) 259.2 km/h d) 209.2 km/h
Q13. A person crosses a 600 m long street in 5 minutes, what is his speed in km per hour?
a) 3.6km/h b) 7.2 km/h c) 8.4 km/h d) 10 km/h
Q 14. A and B together can finish a job in 24 days, while A, B and C together can finish the same job
in 8 days. C alone will finish the job in:
a) 12 days b) 14 days c) 16 days d) 24 days
Q15. A and B can do a job in 6 and 12 days respectively. They began the work together but A leaves
after 3 days. Then the total number of days needed for the completion of the work is:
a) 4 days b) 5 days c) 6 days d) 9 days
Q16. Which of the following should not be a part of resume:
a) Employment history b) Contact information c) Religious affiliation d) Education background
Q17. Which of the following resume components is where you should state your career goal?
a) Profile b) Objective c) Summary d) Extracurricular background
Q18. In which section would you most likely include your bilingual skills?
a) Education b) Contact Information c) Employment History d) Additional Information

Q19. The resume of a fresh graduate is normally on how many pages?

a) Three-page b) Two-page c) Half of page d) One page

Q20. Which of these topics is also covered on many resumes?

a) Criminal Record b) Family Background c) Language d) None of the above

Q21. Which of the following is considered unprofessional?

a) Font size b) Font style c) Coloured font d) All of the above

Q22. A chronological resume commonly called as:

a) Reverse b) Forward G) Functional d) Combination

Q23. What are the advantages of participating in a group discussion:

a) Improve your communication and teamwork skills.

b) Learn new things and broaden your perspective.

c) Develop critical thinking and problem-solving skills.

d) All of the above

Q24. Which type of topics we can discuss in a group discussion

a) Case/ Abstract b) Informal c) Only political d) Only abstract

Q25. What is the best way to summarize a group discussion?

a) Identify the key points that were discussed.

b) Restate the group's consensus (if there is one).

c) Suggest next steps for the group to take.

d) All of the above

Q26. Which of these qualities are important in a group discussion?

a) Emotional Intelligence. b) Hostility c) Ignorance d) Aggressiveness

Q27. Which of these must be avoided in a group discussion?

a) Speaking facts b) Asking question c) Speaking fast d) Speaking with clarity

Q28. Discussion involves communication.

a) One way b) Two-way c) Three-way d) Four-way

Q29. Hybrid resume also known as

a) simple resume b) Indian resume c) complicated resume d) none of these

Q30. What is a group discussion?

a) A formal meeting in which a group of people discuss a topic.

b) An informal conversation between a group of people.

c) A debate between two or more people.

d) A presentation by a group of people to a larger audience.

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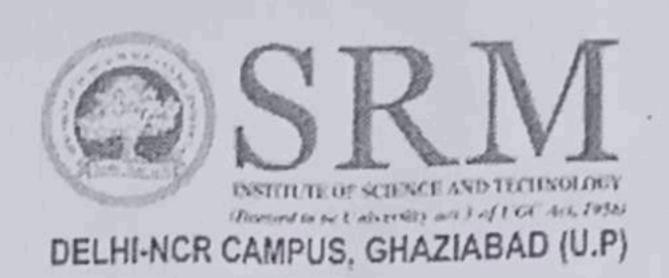


SET - A Academic Year: 2023-24 (Even)

	Academic Year: 2023-24 (Even) SEI – A					CINTI			
Test	Date & Sessi								
Distrib	uted Data Processing(UDS23201J)	Max. Marks	s: 50						
Year &	Part - A					l/c)			
	Answer all questions	(9Q x 2)	g Mar CO	Marks)					
Q. No	Question Question Name and System		IVIAIKS	1	1	2			
1.	What is the difference between Distributed Database Management Syste and Distributed Data Storage.								
2.	Define Distributed Processing in short.		2	1	1				
3.	Write a command in SQL to Create a table of name Student_Info winame St_Id, St_Name, St_Course, St_DOB.	2	1	2	4				
4.	What are the features of DFS.		2	2	2	4			
5.	Define these terms in short:		2	3	3	3			
	I. Platform-as-a-service, II. Software-as-a-service								
6.	What do you understand by DBMS? What are the applications of DBM	S?	2	3	2	5			
7.	Discuss about Heterogeneous distributed databases.		2	1	3	3			
8.	Define NFS.		2	2	3	4			
9.	Sketch and define Distributed Database Architecture		2	2	2	1			
	Part B								
	Answer all questions		2Q x	16M:	= 32 N	Iarks			
11.	(A) Define Distributed System. Describe their characteristics and goals	3.	16	1	1	2			
	(OR) (B) Define Cloud Computing. Describe in details about IaaS, PaaS, Sa	aS?	16						
				2	2	3			
12.	(A) What do you understand by Distributed database Management S	16	2	2	3				
	describe the functions of distributed database system.								
	(OR)								
	(B) Describe these terms: (i) Distributed Transaction (ii) Distributed Storage (iii) File Replication (iv) Andrew File System		16	3	3	5			

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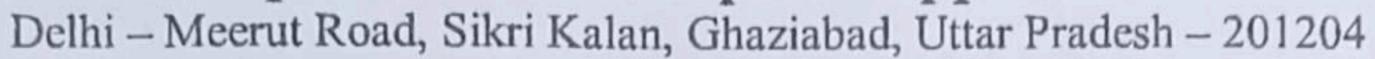
Academic Year: 2023-24 (EVEN)

SET - B

RA2331242030020

: Internal Examination I Test Date & Session: 01/02/2024 & FN Course Code & Title: Fundamentals of Data Structures and Algorithms (UDS23202J) Duration: 1:30 Hours : I Year / II Semester Year & Sem Max. Marks: 50 Part - A Answer all questions $(9Q \times 2M = 18 \text{ Marks})$ Q. No Question Marks PO BL CO Define the term "algorithm" and provide an example. Discuss the LIFO (Last In, First Out) property in a stack. Explain the concept of a one-dimensional array and how it is stored in memory. 3 Implement a stack using an array and provide code for push and pop operations. 4 5 Name two types of queues commonly used in DSA. Differentiate between arrays and linked lists in terms of memory and performance. 6 4 Define Recursion with proper example. 6 Describe Header circular list and importance of Header. 8 List out the applications of queue. 9 Part B $2Q \times 16M = 32 Marks$ Answer all questions What is "Time complexity" and "space complexity"? Explain. 16 (OR) (B)Implement a doubly linked list and design an algorithm to reverse every k 16 nodes. Provide the implementation details, time complexity analysis, and demonstrate with examples. 11. 16 (A) What is "Queue"? Explain the operations on queue with algorithm. (OR) (B) Write a Program in C to insert an element at a specific location in an Array 3 16

SRM Institute of Science and Technology Department of Computer Application



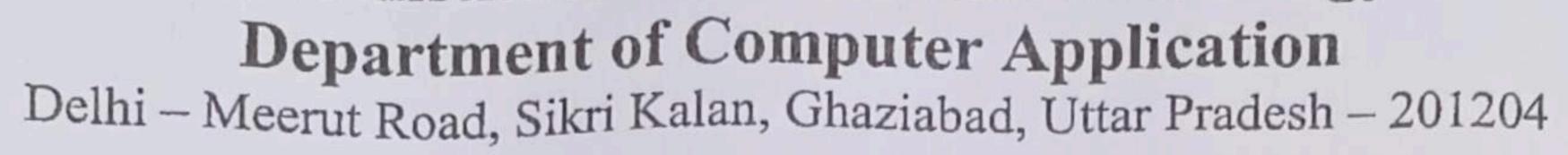


Academic Year: 2023-24 (EVEN) SET - B

Reg. No: RA2331242030020.

	: Internal Examination I e Code & Title : Environmental Studies (UES23AE1T) Date & Se Duration: Max. Mar	1 Hour 3			FN)		
	Part – A						
	Answer all questions	(9Q x	$(9Q \times 2M = 18 \text{ Marks})$				
Q. No	Question	Marks	BL	CO	PO		
1.	What are mineral resources and their types?	2	1	1	1		
2.	Define the food web with a neat and clean sketch.	2	1	2	1		
3.	What is the Tropic Level? Illustrate with a diagram.	2	1	2	1		
4.	How are the people involved in Environmental Conservation practices?	2	2	1	2		
5.	What are natural resources-related problems?	2	1	2	1		
6.	What is habitat loss and how do we recover it?	2	1	2	2		
7.	What is the concept of an Ecosystem?	2	1	2	1		
8.	What are terrestrial ecosystem and its types?	2	2	2	2		
9.	What are biodiversity and its value?	2	2	2	1		
	Part B						
	Answer all questions	2Q x 1	6M =	32 M	larks		
11.	(A) Explain the role of individuals in the conservation of natural resources.	16	1	1	1		
	(OR)						
	(B) Explain energy resources and their role in sustainable development.	16	2	1	1		
12.	(A) Explain Hotspots of biodiversity and India as a mega-diversity nation.	16	2	2	1		
	(OR)						
	(B) Explain biodiversity at global, national and local levels.	16	1	2	1		

SRM Institute of Science and Technology Department of Computer Application





Academic Year: 2023-24 (EVEN)

SET - A

RA2331242030020

Test Cours Year	e Cod & Sem	e & Ti	tle : U	ntern DS23	203T &	nination Role of	I f Statistic	es in AI			Date & S	Session: n: 1 Houarks: 50	02-02 r 30 N	-2024	& FN
								art - A						1071	(arks)
Q. No							ver all q	uestion	5			(9Q x	1	1	PO
1		1	• ,•				estion					Marks	BL	1	1.2
2					tistics?							2	1	1	1.2
2	Wha	it are k	and o	t mea	sure of	central	tendenc	y'?				2	2	1	1 29-
3	Fine	d the a	rithme	etic n	nean of	the firs	t 10 prim	ie numb	ers.			2	3	2	1,2
4	Fine	d the m	nediar	for t	he data	8, 5, 7,	10, 15,	21.				2	3	2	1,2
5	Com	pute tl	he mo	de 16	5. 18. 2	2, 16, 15	5, 16, 14	. 10, 11,	16.			2	3	1	1,2
							A TIE							2	12
6	Wha	t do yo	ou me	an by	the me	easure o	f dispers	10n?				2	2	1	1,2
7					tion fro 50, 60,		for the	followin	g data,			2	3	2	1,2
8					efficie							2	1	2	1,2
9	Expl	ain pie	chart	?								2	1	1	1,2
							Pa	art B							
	Answer all questions								2Q x 16M = 32 Marks						
11.	(A) F	ind the	mean	for th	e follov	ving dist	ribution					16	3	1	1,2
	X	15	21	27	30	35									
	f:	3	5	6	7	8		OBY							
	(D) E	ind the	madia	n for	the follo	vivina do		OR)				16	3	2	1.0
	CI:	mu mc		20	20-30	30-40		50-60	60-7	0 70-8	80	10		4	1,2
		Frequency: 7				10	20	20	15	8					
12.	(A) Find standard deviation of the following data:									16	3	1	1,2		
	CI: 0-20 20-40 40-60 60-80									-,~					
	Frequency: 4 12 20 24														
							(OR)							
	(B) Draw ogives for the following data.								16	3	2	1,2			
	Marks 0-10 10-20 20-30 30-40 40-50 50-60														
	No. of Students 3 9 15 30 18 5														



SRM Institute of Science and Technology Department of Computer Applications Delhi-NCR Campus, Modinagar, Ghaziabad

Set A

Test : Internal Examination-I
Sem.) Course Code & Title: ULF23G02J/FRENCH-II
Year & Sem. : 1st Year /2nd Sem.

Session: 2023-24 (Even Duration: 1 Hour 30 Min.

Max. Marks: 50

	PART-A				
Q. No	Toutes les questions sont obligatoires	(9Q x 2	2M = 18	Mark	s)
1.	Écrivez la réponse en toutes lettres : (a) 14+4-7 = (b) 34+22-9 =	Marks 2	BL 2	CO 1	PO 12
2.	La capitale de la France est : (a) Nantes. (b) Lyon (c) Montpellier. (d) Paris	2	2	1	1
3.	La monnaie utilisée en France, c'est. (a) Dollar. (b) Euro (c) Franc (d) Rupee	2	2	1	1
4.	Écrivez les professions en français : (a) Actor (b) Baker (masculin)	2	2	2	6
5.	Choisissez les nombre correct en lettre : 91 (a)Quatre vingt- un (b) Quatre vingts onze (c) quatre dix-neuf (d) soixante	2	2	1	2
6.	La France se situe en? (a)Asie (b) Europe (c) Africa (d) North America	2	2	2	1
7.	Trouvez la question. (a) C'est une chanteuse. (b) C'est un livre.	2	2	2	11
8.	Comment on dit < <merci beaucoup="">> en anglais. (a) Nice to meet you (b) Welcome (c) See you soon (d) thank you so much</merci>	2	2	1	4
9.	Mettez la forme correcte de l'adjectif : a. Elles sont de venir ici. (Content) b. Il est (triste)	2	2	2	2

PART-B

Toutes les questions sont obligatoires	$(2Q \times 16M = 32 \text{ Marks})$					
10. (a) Présentez- vous en français en 15-20 lignes ? Où	16	2	2	7		
(b) Conjuguez les verbes suivants les pronominaux verbs : 1 Se Souvenir (5) Se laver 2 S'amuser (6) Se raser 3 Se lever (7) Se doucher 4 Se promener (8) Se coucher	16	2		6		
11. (a) Écrivez la routine votre quotidienne en 15-20 lignes Où	16	2	2	6		
Complétez avec les adjectifs démonstratifs. (a) C"est toi qui as écrit lettre? (b) Tu ne connais pas homme (c) Il est où université? (d) Ce toi qui as écrit lettre? (e) J"aime beaucoup roman américain (f) Le livre est table. (g) Le TGV 9288 est parti à 17h45 TGV est en retard.	16	2		10		
(h) J'aime beaucoup l'appartement de Sacha est très beau.						
