Deptt. of Governance Reforms, Punjab State e-Governance Society

Post: Deputy Manager Technical (27-10-2024) (Afternoon)
Question Booklet & Answer Key

	Tail Merge	and Thesaurus	II. Page Orientation IV. Slide Transitions
	ose the correc II and IV onland and III only	•	he options given below: B) I and III only D) I, II and III only
		EL worksheet:	
	A B		C
1	Month	Number of Cla taught	class
2	January	20	30000
3	February	14	21000
4	March	17	25500
5	April	13	19500
6	May	12	18000
7	June	15	22500
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P: The its brown Q: P Chook A) P	ne page orient eadth (landscortrait is wide ese the correctionly	tation decides whape). er than it is tall; I answer from the B) Q only	Thether the page will be printed lengthwise (portrait) or act and scape is taller than it is wide.
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P: The its brown Q: P Chook A) P	ne page orient eadth (landscortrait is wide ese the correctionly h List-1 with List-1	tation decides whape). er than it is tall; Let answer from the B) Q only List-2.	Chether the page will be printed lengthwise (portrait) or accurate the page will be printed lengthw
P: The its brown Q: P Chook A) P	ne page orient eadth (landscortrait is wide ese the correctionly h List-1 with	tation decides whape). er than it is tall; Let answer from the B) Q only List-2.	Landscape is taller than it is wide. the following: C) Both P and Q D) Neither P nor Q List-2 (Description) Sending an email to lure users to fake website
P: The its brown Q: P Chook A) P Matc	ne page orient eadth (landscortrait is wide ese the correct only h List-1 with List-1 (Cyber At Spyware	tation decides whape). er than it is tall; I at answer from the B) Q only List-2. tacks) (i)	Landscape is taller than it is wide. *he following: C) Both P and Q D) Neither P nor Q List-2 (Description) Sending an email to lure users to fake website to obtain their personal details. Downloading of malicious code to redirect users to fake websites to obtain their personal details.
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P: The its brown Q: P Chook A) P Matc (a)	ne page orient eadth (landscortrait is wide ese the correct only h List-1 with List-1 (Cyber At Spyware Phishing Ransomwa	tation decides whape). er than it is tall; I at answer from the B) Q only List-2. tacks) (i)	Landscape is taller than it is wide. the following: C) Both P and Q D) Neither P nor Q List-2 (Description) Sending an email to lure users to fake website to obtain their personal details. Downloading of malicious code to redirect users to fake websites to obtain their personal details. Keylogger used to record key presses and

7. Given below are two statements:

Statement I. ISPs provide the user with access to the Internet (for a fee) whereas web browsers allow the users to view web pages.

Statement II. Each web page/site found matching the search criteria in a web search engine is known as a 'hit'.

In the light of the above statements, choose the most appropriate answer from the options given below:

- A) Both Statement I and Statement II are true.
- B) Both Statement I and Statement II are false.
- C) Statement I is true but Statement II is false.
- D) Statement I is false but Statement II is true.
- 8. Which of the following statements A-E about firewalls in computer networks are true?
 - I. Firewalls are only available as hardware devices and only examine traffic entering a network.
 - II. Firewalls allow a user to set rules for network traffic.
 - III. Firewalls will automatically stop all malicious traffic.
 - IV. Firewalls backup all data that is transmitted around a network.
 - V. Firewalls can be used to block access to certain websites.

Choose the correct answer from the options given below:

- A) I, II and IV only B) II and V only C) II, IV and V only D) I and III only
- 9. Given below are two statements:

Statement I. The Internet is not regulated in India; therefore, the information may be biased or inaccurate..

Statement II. The Internet is one of the services offered by World Wide Web (WWW).

In the light of the above statements, choose the most appropriate answer from the options given below:

- A) Both Statement I and Statement II are true.
- B) Both Statement I and Statement II are false.
- C) Statement I is true but Statement II is false.
- D) Statement I is false but Statement II is true.
- 10. Given below are two statements:

Statement (I): IPv6 address in computer networking is 4 times larger than an IPv4 address.

Statement (II): The IP address gives the location of a device on the Internet, whereas the MAC address identifies the device connected to the Internet.

In the light of the above statements, choose the most appropriate answer from the options given below:

- A) Both Statement I and Statement II are true.
- B) Both Statement I and Statement II are false.
- C) Statement I is true but Statement II is false.
- D) Statement I is false but Statement II is true.
- 11. Given below are two Statements:

Statement I: In an email, Bcc: allow recipients to be visible to all other recipients of the message.

Statement II: VoIP is the use of Internet to make phone calls.

In the light of the above statement, choose the correct answer from the options given below:

- A) Both Statement I and Statement II are true.
- B) Both Statement I and Statement II are false.
- C) Statement I is true but Statement II are false.
- D) Statement I is false but Statement II are true.

12.	•	on the base-class definiti B) Private	-+), base class'son or in derived-class definedC) Protected	members can be nitions. D) Static
13.	Consider the f	following 'C' program:		
	#include- void main			
	int a[pi = a pi++ , if ((c) else if	i; char *pc; 100]; ; pc = (char*) &a[0]; ; pc++; har*) pi==pc) printf("1 ((char*) pi > pc) printf(rintf("3");		
	What would A) 1	be the output of the a B) 2	bove program? C) 3	D) 123
14.	Which can be A) ch = ch - 'a C) ch = ch - 'A	ı' + 'A'	case letter ch to an upper ca B) $ch = ch + 'Z' - 'z'$ D) $ch = ch + 'z' - 'Z'$	se letter in C-programming?
15.	public class	Following JAVA program First { c static int GJU(int x) {	:	
		if(x<100) x = GJU(x + 10) return (x-1););	
	}	, ,,		
	Systen }	static void main(String[] n.out.print(First.GJU(60));		
	} What does t	his program print?		
	A) 59	B) 95	C) 69	D) 99
16.		em can access data more ression utility	files and unused space on quickly and programs can B) Disk defra D) File viewe	gmenter
17.	In the contex	t of OS, Maximizing	and minimizing _	can lead to increased
	B) throughput C) throughput	ity, mean response time, not, mean response time, variance of response time throughput, mean response	riance of response times nes, transmission time	
18.	A) caching, vi B) abstraction C) throughput	ant design principles in opertualization, and support, fairness, and context-swar, response time, and support chanism, and super user of	for concurrency vitching port for priority	

- 19. Which one of the following uses the correct syntax to include an applet called ButtonText in an HTML page? A) <P><APPLET = "ButtonText.java" WIDTH = 300 HEIGHT = 250></P> B) <P><APPLET CODE="ButtonText.java" WIDTH=300 HEIGHT=250></P> C) <P><APPLET CODE="ButtonText.class" WIDTH=300 HEIGHT=250></P> D) <P><APPLET = "ButtonText.class" WIDTH = 300 HEIGHT = 250></P> 20. Consider the following three SQL queries (Assume the data in the 'people' table): I. select Name from people where Age > 21 II. select Name from people where Height > 180 III. select Name from people where (Age > 21) or (Height > 180) If the SOL gueries I and II above, return 10 rows and 7 rows in the result set respectively, then what is one possible number of rows returned by the SQL query III? A) 3 B) 7 C) 10 D) 21 21. Five processes A, B, C, D and E arrive in this order at the same time with the following CPU burst and priority values. A smaller value means a higher priority. **CPU Burst** Priority Α 7 3 2 5 В C 3 1 D 6 4 Е 4 2 If the CPU scheduling policy is Round Robin (time quantum = 2), then the average waiting time will be (Ignore context switching overhead): B) 11 D) 15 A) 10 C) 12 22. The Session Layer of the OSI model is A) Responsible for establishing process-to-process communications between networked hosts. B) Responsible for delivering messages between networked hosts. C) Responsible for defining the syntax, which two network hosts use to communicate. D) Responsible for communications between adjacent network nodes. In software development, which of the following is FALSE? 23. A) A good modularization has low cohesion and high coupling. B) Using an agile development methodology makes it easy to react to requirement changes late in the project. C) Beta testing involves a large number of end-users. D) Requirements need to be elicited from all relevant stakeholder groups, not only from endusers. 24. Project Management ensures that A) project's risk is assessed B) project's feasibility is assessed C) system is developed at minimum cost D) Both (A) and (B) 25. One of the most important goals of object oriented design is to have
 - A) loose cohesion classes and high coupling between these classes.
 - B) high cohesion classes and high coupling between these classes.
 - C) loose cohesion classes and loose coupling between these classes.
 - D) high cohesion classes and loose coupling between these classes.

26.	What	three a	ctions show that a	a team is self-	organizing?	(Choose three.)		
	(i)		holders walking er to optimize the	•	•	1 0	nd work with th	ne Scrum
	(ii)		Development Tea option and nicely					
	(iii)	The P	roduct Owner do	esn't need to l	be at Sprint	Retrospectives.		
	(iv)		Development Tea definition of "De	_	eir own spri	nt backlog, reflec	cting all work th	at is part
	(v)	The l	Development Tea	am has all the	skills neede	ed to create a rele	asable Incremen	ıt.
	(vi)	Deve	lopment Team m	embers collab	oratively se	electing their own	work during the	e Sprint.
	(vii)		Development Tea n a Product Bac og.	_		-	•	
	(viii)	The S	crum Master is n	o longer need	ed.			
	A) v,v	i,vii	B) iv,v,vi	C) vi,	√iii,i	D) i,	ii,iii	
27.		g its pro	ect starts with a liject life cycle, the B) Premature	0 1		type of project clo		
	/-		_,		-,	,	_	
28.	establi A) Pro	ishing a pactive	e following wo a sense for who y		ou stand for B) Emotic	r and how you sh onal intelligence	· .	ırself by
	C) Em	patheti	С		D) Person	al integrity		
29.			following will co	=			=	
20	A) LS		B) LF – EF	C) LS		<i>'</i>	ES or LF – EF	
30.	A) If t	he proj	f the following C. ect charter isn't s ing activities.				: manager canno	t start
	B) The	e projec	ct charter authorize the project's object	1 0	manager to	apply organizat	ional resources	to
	C) The	e projec	ct charter formall	y recognizes t		1 0		project
			inderstanding and	-				
			project charter is the project manag		•	_	mes an agreeme	nt
31.			f the following is e planning and ex		ject?			
		_	ional structure ructure of the orga	anization		ancial situation of etitors of the orga	-	O n
32.			B, and C are the hree activities are B) 15		-	it will be the earl		_
33.		tively.	tic, pessimistic What is the varia B) 4/6		ivity accord	•	tribution of PEF	

34.	schedule, hoping t	o get back on schedule	by the next report date	e but report that he or she is on				
	A) Hope Creep	B) Feature Creep	C) Scope Creep	D) Effort Creep				
35.	Find the project duration for the following network diagram.							
	A) 14 days		4 2	4				
	B) 8 days		1 5	6 6				
	C) 11 days		3					
	D) 10 days		3 5 4 6					
36.	The Scrum Team Scrum meetings ta		nree-week long Sprints.	How long should their Daily				
	A) 5 minutes	B) 11 minutes	C) 15 minute	s D) 20 minutes				
37.	What is the recom	mended size of a Devel	lopment Team?					
	A) 3 to 15	B) 3 to 12	C) 3 to 9	D) 3 to 6				
38.	When project managers recognize that if they want participants to exceed project expectations then they have to exceed others' expectations of a good project manager, they are leading by example through which of the following aspects? A) Ethics B) Problem solving C) Priorities D) Standards of performance							
39.	*	velopment estimation i	· · · · · · · · · · · · · · · · · · ·	how long it will take to finish				
	A) use-case	B) scenario	C) increment	D) task				
40.	When many Scrum Teams are working on a single product, what best describes the Definition of Done? (Choose the best answer.) A) Each Scrum Team defines and uses its own. The differences are discussed and reconciled							
	_	during a hardening Sprint.						
	B) The Scrum Masters from each Scrum Team define a common Definition of Done.C) Each Scrum Team uses its own, but must make their definition clear to all other teams so the differences are known.							
	D) All Scrum Teams must have a Definition of Done that makes their combined work potentially releasable							
41.	Mark the correct antonym of the given word out of four options: Implicate							
	A) Absolve	B) Eclipse	C) Complicate	D) Anticipate				
42.	Choose the correc Hari's essay is repl A) Of	t preposition: ete de B) By	emographic statistics. C) With	D) In				
43.	India's rank in Glo	obal Innovation Index 2 B) 39 th	2024 among 133 econom C) 41 st	nies is: D) 47 th				
44.	The term BIT is sh A) Binary Number C) Binary Integrate		B) Binary Language D) Binary Digit					

Arun starts walking towards North from a point 'S' and after walking 15 m turns to his left and 45. walks 10 m, again he walks 10 m turning to his left and finally walks 22 m turning to his left and reaches a point 'Q'. How far and in which direction is he from the point 'S'? A) 57 m North West B) 15.6 m North-East C) 17 m North D) 13 m North-East In a row of 40 boys facing the North, Dheeraj is 6th to the right of Raju and Raju is 11th to the 46. left of Vijay. If Dheeraj is 28th from the right end of the row, what is the position of Vijay from the left end of the row.

C) 11

D) 8

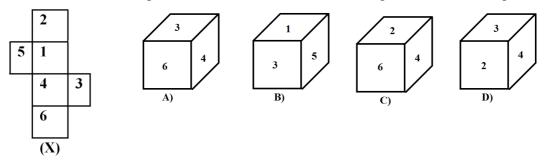
B) 18th C) 20th A) 17th D) 21st How many squares are there in the following figure?

47.

A) 12

B) 10

- 48. Statements: $L = P \le W < V \le K \ge Q$; B < L; K = MConclusions: I. B < VII. M > PA) Only conclusion I is true B) Only conclusion II is true C) Both conclusion I and II is true D) Neither conclusion I nor II is true
- 49. Which of the following dices is identical to the unfolded figure as shown in figure (X)?



How many times are the hands of a clock is at right angle in 12 hours. 50. A) 22 B) 20 C) 44 D) 48

Deptt. of Governance Reforms, Punjab State e-Governance Society Post: Dy. Manager (Tech) (27 -10-2024) (Afternoon) ANSWER KEY (A-Series)

Q.No.	Ans	Q.No.	Ans
1	D	26	В
2	D	27	D
3	D	28	D
4	A	29	D
5	A	30	A
6	C	31	D
7	A	32	В
8	В	33	A
9	C	34	A
10	A	35	A
11	D	36	C
12	C	37	C
13	В	38	D
14	В	39	В
15	В	40	D
16	В	41	A
17	В	42	C
18	A	43	В
19	C	44	D
20	С	45	D
21	В	46	В
22	A	47	D
23	A	48	C
24	C	49	D
25	D	50	A