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

Post: Asstt. Manager (Tech.) (27 -10-2024) (Morning) Question Booklet & Answer Key

- Using the Ribbon in MS-WORD software, the Word count command/ feature displays the number of words as well as the number of ______ in the current document.
 Lines II. Characters III. Paragraph
 - Choose the correct answer from the options given below:
 - A) I and II only
 B) I and III only
 - C) II and III only
 D) I, II and III
- 2. Consider the following MS-EXCEL spreadsheet in which the population column represents the city's population in millions of people:

	Α	В	С	D	Е	F
1	City	State	Pupulation	Haryana	MP	UP
2	Patiala	Panjab	8.34			
3	Sonipat	Haryana	3.86			
4	Noida	UP	2.71			
5	Indore	MP	2.16			
6	Mandi	HP	1.49			
7	Sagar	MP	1.38			
8	Panipat	Haryana	1.39			
9	Gwalior	MP	1.24			

Suppose the formula =IF(\$B2=D\$1,\$A2,0) is entered into cell D2 and then the cell D2 is copied and pasted to the range D2:F9. How many cells in the range D2:F9 contains 0?

- A) 0
- B) 6
- C) 12

- D) 13
- 3. To record voice narration for your Microsoft PowerPoint presentation, your computer must have:
 - A) An Internet connection.

- B) Speakers.
- C) A microphone and sound card.

D) An external video port.

- 4. Given below are two statements:
 - Statement I. Dropbox is an example of e-mail service on the Internet.

Statement II. Google Docs is an online word processor.

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.
- 5. Match List-1 with List-2.

	<u>List-1</u>		List-2	
	(Internet Term)		(Definition)	
(a)	HTTP	(i)	A unique address given to a device on a network. It	
			is provided by the manufacturer.	
(b)	URL	(ii)	The main protocol that governs the transmission of	
			data using the Internet.	
(c)	MAC Address	(iii)	An address given to each device on a network. It is	
			provided by the network.	
(d)	IP Address	(iv)	The website address that is typed into the address	
			bar.	

- A) (a)-(ii); (b)-(iv); (c)-(i); (d)-(iii)
- B) (a)-(iii); (b)-(iv); (c)-(i); (d)-(ii)
- C) (a)-(i); (b)-(iii); (c)-(ii); (d)-(iv)
- D) (a)-(iv); (b)-(ii); (c)-(i); (d)-(iii)
- 6. The purpose of digitally signing a message is to ensure:
 - A) Integrity of the sender

- B) Confidentiality of the message
- C) Authenticity of the sender
- D) Confidentiality of the sender

	Statement I. Google is a web Statement II. Microsoft Edge in In the light of the above statemelow: A) Both Statement I and Statement I and Statement I and Statement I is true but Statement I is false but Statement I is fa	ments, choose the moment II are true. ment II are false. ment II is false.	ne, while Microsoft	Bing is a web browser.
8.	Which of the following stateme	ents I-IV about Inter	net Cookies is/ are to	rue?
	I. They are form of spyware. II. They are used only in adver III. They are used to track brow IV. They act in the same way a Choose the correct answer fro A) I only B) I and	wser use. as a computer virus.		III and IV only
9.	Given below are two statement Statement I. Wiki is usually structure determined by content Statement II. Blog is usually per In the light of the above statement below: A) Both Statement I and Statement I and Statement I is true but Statement I is false but Statement I i	represented in revert and users. ersonal/someone's coments, choose the moment II are true. ment II are false. ement II is false.	opinion, whereas a w	riki is usually objective.
10.	The transmission time (in mil kilobits per second modem (1 kA) 7 B) 43		for sending 512-by C) 73	te packet using a 56 D) 80
11.	While sending an e-mail, to diffollowing statements is true? A) Recipients in the To: field of B) Recipients in the Co: field of C) Recipients in the Boo: field D) Only the recipients in the C	can see the email add can see the email add can see the email ad	resses that are in the dresses that are in the dresses that are in the	e Bcc: and Cc: fields. To: and Bcc: fields. To: and Cc: fields.
12.	Select the proper C++ object ty file("file.dat", A) iostream B) fstrea	<i>ios::in ios :: out);</i>	tream D) i	fstream
13.	Consider the following 'C' pro #define square(x) x*x main() { int p; p = 64/square(4); printf("%d", p); } What is the value of p? A) 4 B) 16	ogram:	C) 64	D) 1
14.	Which of the following keyword A) const	rds must be used to a 3) final	define a constant in . C) public	Java? D) static

7.

Given below are two statements:

15.	fingerprints, irises, or voices? A) Passwords B) Isomorphism	C) Countersignatures	D) Biometrics
16.	· · · · · · · · · · · · · · · · · · ·	executing two or more programs: B) Simultaneous processing D) Spooling	grams at the same
17.	In CPU scheduling, "aging" is a technique: A) To phase out old devices in computer syste B) Of gradually increasing the priority of jobs C) Used in evaluating normal tear and wear o D) Of gradually decreasing the priority of jobs	s that wait in the system for a for the following from the following system.	
18.	A named anchor in HTML is a A) Specific location within a web page that ye B) URL from where one can begin using web C) Mechanism by which an image can be fixe D) Tag with descriptive text that pops up whe	search engines ed to a point on the web page	
19.	Consider the relation: <i>Proj(pno, pname, budget, city)</i> , where <i>pno</i> is	the primary key and the follo	owing SQL query:
	SELECT city, count(pno) AS totproj, sum(FROM proj GROUP BY city	(budget) AS totbudget	
	 The SQL query: A) Computes the number of cities having at least projects. B) Computes, for each city, the number of probudget over all projects in the city. C) Computes, for each city, the number of probudget over all projects in all the cities togotomy. D) Computes the total number of projects that total budget over all projects in all the cities. 	rojects that are located in tha rojects that are located in tha gether. t are located in all the cities	t city and the total
20.	, •	by its ability to carry out this B) running → blocked D) running → ready	s state transition:
21.	The transition from IPv4 to IPv6 will eventual A) It is wasteful to use 128 bits to identify each B) With IPv4, the Internet is running out of dec. With IPv4, the Internet is running out of dec. D) Numeric identifiers like "72.21.203.1" are	ch individual computer on the istinct hostnames istinct IP addresses	
22.	Modularity and concept of abstraction enable A) Re-use the software components B) Inc C) Increase highest possible coupling D) Lo	crease Interdependencies am	ong the modules
23.	Which of the following is a deliverable of system development process? A) Technical hardware and software solution B) Business problem statement C) Statement of the system users' business red D) Technical blueprint and specifications for	for the business problem quirements	-

24.	In software engineering, a regression test:A) is only run once.B) will always be automated.C) will check changed areas of the softwareD) will check unchanged areas of the software	
25.	The testing of software against SRS is calle A) Acceptance testing C) Regression testing	d: B) Integration testing D) Series testing
26.		ore sustaining sponsors to act as theof the internal divisions that the project will have man resources B) Internal Champions D) Internal Funders
27.	The project charter consists of key milestoconsidered a milestone? A) Completion of website design C) Approval of the client	ones. Which one of the following CANNOT be B) Meeting with the key stakeholders D) Finalization of the trainings
28.	distinguishes one organization fro organization will see, engage with, and occa A) Organizational culture C) Organizational structure	m another and determines how people in that asionally evaluate you. B) Organizational governance D) Organizational policies
29.	What allows the formal authorization of the A) Project charter C) Benefits management plan	existence of a project? B) Business case D) Needs analysis
30.	<u> </u>	iable (size), S, can be computed as a weighted (Sm), and pessimistic (Spess) estimates given as B) EV = (Sopt + 4Sm + Spess)/6 D) EV = (Sopt + 2Sm + Spess)/4
31.	When is a Sprint over?A) When the time-box expiresC) When the Scrum Master Says so	B) When the Product Owner says so D) When the Sprint Backlog is all developed
32.	respectively.	ivity if the LST and EST are 12 and 10 minutes minutes D) 2 minutes
33.	Which of the following best describes an a project life cycle that aims to capture both p. A) Scenario analysis C) Lessons learned	nalysis conducted throughout and soon after the positive and negative learning? B) Variance analyses D) Performance evaluation
34.	<u> </u>	employing daily scrums that last 15 minutes. The hat, how long should the Daily Scrum sessions
	A) 10 minutes B) 15 minutes	C) 20 minutes D) 25 minutes

35.	Regarding Scrum answers.)	, which three of the f	following statements	are true? (C	choose the best three	
	(i) Scrum implem (ii) Each compone your usage of	ents self-management ent of Scrum serves a Scrum to develop con	specific purpose and mplex products.	is essential	to Scrum's success ar	ıd
	` '	ethodology where you your environment.	a can pick and choose	which parts	s of Scrum you think	
	(iv) Scrum is a fra	amework for developi	ng and sustaining cor	nplex produ	cts.	
	(v) Scrum is base	d on empiricism and l	ean thinking.			
	A) i, ii, iii	B) ii, iii, iv	C) iii, i, v	D) ii	, iv, v	
36.	needed to acqui procurement man	that in order to rate re a more objective nagement procedures nting bias and subject ence	e awareness of sell- in your project. We tive judgments? B) Wei	ers' skills v	while implementing que might be most	
37.	refers to u A) Hope Creep	nplanned changes to t B) Feature Creep		project. pe Creep	D) Effort Creep	
38.	A) Process allows B) Eliminate the t C) Uses increment	gility to a software prosteam to streamline ta use of project planning tal product delivery st work products are pro	isks g and testing trategy	llowing is n	ot required?	
39.	Who developed the A) Du Pont	ne Critical path metho	od (CPM)? B) Bell laborate	ories		
	C) IBM		D) Booz in col		rith US Nav	
40.	If a business case A) It cannot be pr C) During the exe	•		ase, when c B) During th D) During th	ne planning	
Dire	ctions (Q 41 & 42):	Choose the correct	synonyms of the fol	lowing wor	ds out of the four gi	iven
<i>1</i> 1	options:					
41.	Collate A) Criticize	B) Cruel	C) Gather		D) Callous	
42.	Impecunious A) Rich	B) Poor	C) Determined		D) Irrelevant	
43.	'Zero mile centre A) Jhansi	' in India is in B) Bhopal	C) Nagpur		D) Poinur	
11	,	, •		dagahah Dh	D) Raipur	
44.	A) Animal	owing movies won Be B) 12 th Fail	C) Jawan	dasaned Ph	D) Dunki	

45.	Four statements are givenumbered I, II, III & IV. seem to be at variance findecide which of the given disregarding commonly known to the statements.	You have to tall rom commonly leven conclusions	ke the give known fact	n statements. Read all	ts to be true the conclu	e even if sions and	they then
	Statements: Some carpets are books. All cartons are notebooks Conclusions:	All books are po	ens.	Some pens	are cartons	3.	
	I. Some cartons are carpet			cartons are			
	III. Some pens are carpetsA) Only I and II follow			notebooks a Only II and	-		
	C) Only III and IV follow			Only II and Only I and			
	o, omj m m i romo.			, 5111) 1 4116	111 10110 ()		
46.	A monkey climbing up a	-		-	n 2m in alte	rnate min	utes.
	If the pole is 35m high, the A) 11 minutes	nen the monkey v		ie top in : iutes, 24 sec	onds		
	C) 11 minutes, 36 seconds		*	nutes, 40 sec			
	-,,		,	, , , , , , , , , , , , , , , , , , , ,			
47.	Study the given informat (i) Eleven students A, B, facing the teacher. (ii) D who is to the immed (iii) A is second to the rig (iv) J is the immediate neif (v) H is to the immediate Who is sitting in the middle of the right of the immediate.	C, D, E, F, G, H, diate left of F is so ht of E, who is at ghbor of A and E left of D and third le of the row?	I, J and K econd to the one of the B; and third d to the right	are sitting in eright of C. ends. to the left on the of I.	n the first ro	ow of the o	class
	A) B	B) C	C)) G	D)	I	
48.	There are two sets of figure and the Answer figures (answer figures which will Problem	A), (B), (C) and	(D). You	n have to segiven in the	elect one fi	gure from gures:	the
	= 0 1 s 0	o Va	+ c	△ C	0 🗆		†
		ss cc	\triangle	+ \(\D	+ 🔼	+ 🗆	+
	x	=		ı <u>∆</u> s	0 c	O C	S
	1 2 3	4	5	A)	B) C)) D)
49.	Choose the group of letter A) DG2 B)	rs which is differe EK5	ent from oth C) JR6	ners:	D)	PY8	
50.	In a certain code, MOTHE code?	ER is written as O	NHURF. 1	How will Al	NSWER be	written in	that
		NBWRRF	C) MAVS	SPE	D) NBWT	'RF	

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

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