	anat is the primary function of a Con.	U)//	
1.	What is the primary function of a Central Processing Unit (CPI		
	Execution of instructions		
-	Display of graphics		
1	Network communication		
	which computer component is responsible for storing data in a	long-term, non-v	olatile
2.	which computer component is responsible for storing data in	merel (A)	
17	RAM		
	cont t		
-(
) Monitor		
	That is the main function of a local		
	What is the main function of an input device? Display information		
. (A 1 Sec. 19 1 Sec. 19 10 Sec. 19 Sec. 19 10 Sec. 19 Sec. 19 10 Sec. 19 Sec. 19 10 Sec. 19 Sec. 19 10 Sec. 19 1		
	Store data permanently		
4. 1	Vhat is the purpose of an operating system?		
1	To perform arithmetic calculations		
·I	To manage hardware resources and run applications To manage hardware resources and run applications		
(To display graphics		
1	To store and retrieve data		
5.	Which type of software is designed to protect a computer f	rom viruses and t	nalwa
	Word processor		
	1 1		
	Maria Valletia Santa Carriera de Carriera		
6.	What is the primary function of a modem?		
	To display images on the screen		
	To provide power to the computer		
	the computer to the internet		
	- Into		
		- a commuter?	
	What is the purpose of random access memory (RAM) is	n a computer.	
	etorage of data and program	15	
	- L. Fimages		
	and through a Keyboaru		
	D) Data input through a set (3)		
(Set-	D)		

()	Monitor		
- D)	Keyboard		
9. Wh	ich of the following is not a high-level programming language?		
·A)	Python		
B)	Assembly		
	Java		
D)	C++		
10. Whiel	h data structure uses the Last-In-First-Out (LIFO) principle?		
A) (Queue		
	Stack		
	Array		
D) L	inked List		
II. What i	is the purpose of an algorithm in computer science?		
†A) To	o execute a program		
SB) To	o provide a step-by-step solution to a problem		
C) To	o store data in memory		
	create a user interface		
12. Which p	programming paradigm is associated with objects that encapsular	te dat	a aı
Cetalyjor			
	ocedural Tarket		
	nctional		
	ect-Oriented		
D) Imp	erative		
13. What is the	a himmun.		
· A) 1010	e binary equivalent of the hexadecimal number "1A"?		
B) 1000	TO PROPERTY AND A STATE OF THE PARTY AND A STA		
	The financial property and the second party and the		
D) 11100	emb growing		
14			
14. What is the p	purpose of a compiler in programming?		
A) To exec	cute the program		
B) To conv	vert source code into L		
C) To debu	ig the program		
	ag are program		
(Set - D)	age memory allocation		
	(4)		

Which of the following is not an example of an output device?

A) Printer B) Speaker

	and a such development?
24. 3	what does HTML stand for in web development?
) Hyperine Language
	Transfer Market Land
C	The Markup Language
D	
. 11	hich of the following is not an input device?
16- N	At a book
В	Mouse
·C	Printer
D	Scanner and manufacture and ma
	hat type of software is responsible for managing hardware components and providing
17. W	hat type of software is response.
	and the state of t
A)	A - Maration on Operator
B)	TOTAL COLLEGE OF ACCUSED
(D)	
18. W	hat is the primary characteristic of open-source software?
16. A)	
B)	The source code is freely available and can be modified
(C)	It is always developed by large corporations.
D)	gravitation of the second of the second and the second of
	hich organization oversees the development of the open-source web browser Firefox?
19. W	hich organization oversees the development of the open-source
A)	Google
. B)	Mozilla Foundation
C)	Microsoft
D)	Apple
20. W	nat is a primary key in MS Access?
	A unique identifier for a record
- A)	A way to format text
B)	A way of report
(C)	A type of report
D)	A form control
	Leading the context of MS Access?
21. WI	nat does SQL stand for in the context of MS Access?
A)	Structured Query Language
B)	System Query Logic
	Structured Query Logic
(C)	System Query Language
- D)	
	[P.T.0]
(Set - D)	(5)

ı

22. What is the term used for a single slide in a PowerPoint presentation? A) Sheet B) Frame Stide - (7) Card 23. What does PDF stand for? D) .A) Portable Document Format B) Personal Document File C) Print Document Format D) Plain Document File 24. What does URL stand for? A) Universal Resource Locator B) Uniform Resource Locator C) Universal Resource Link D) Uniform Resource Link 25. What does CC stand for in an email context? B) Copy Content A) Carbon Copy C) Confidential Copy D) Computer Copy 26. What is a computer virus? A) A type of computer hardware · B) A software program designed to damage or infect computers C) A type of computer network D) A computer accessory 27. How do computer viruses typically spread? · A) Through physical contact with infected computers B) Via email attachments, downloads, and infected files C) Through wireless networks only D) By overheating the computer's hardware 28. Which of the following is NOT a common objective of computer viruses? A) Stealing personal data B) Slowing down system performance Spreading awareness about online security Deleting or corrupting files (Set - D) (6)

Which

A

B)

C)

D)

W

A

B

32.

30.

29.

35. Which of the following states does no	t share boundaries with other countries?
A) Unar Pradesh	
II) Nagalaras	
C) Assitt	
D) Jharkhand	
36. Which of the following state is smaller	t in terms of area?
A) Rojasthan	
B) Madhya Pradesh	
C) Maharashira	
- D) Uttar Pradesh	
37. Which of the following is highest milk p	roducing states in India?
A) Rajasthan	
B) Gujarat	
C) Andhra Pradesh	
D) Punjab	
38. Which of the following information is No	OT collected due
A) Marital status	OT collected during the census in India?
B) Educational qualification	
C) Salary per month	
D) Occupation	
D) Occupation	
30 /	
39. Last census of India was conducted in	
A) Feb 2011	
B) March 2014	
-C) Feb 2021	
150.4023	
40. Which of the following was NOT ruler of Ja A) Aurangzeb	
A) Auranozeh	ammu and Kashmi-2
	of all and reasonably
B) Maharaja Ranjit Singh	
C) Maharaja Gulat o	
aga Gulab Sinoh	
Queen Victoria	
(Set - D)	

(8)

. k				
	A .	A		Luis Contract
with			in Jamena and K	ashmitt
with other countries?		and the same of th	ng is highest mountain range in Jamensa and K	
-		and seed of the following		- CONTRACTOR OF THE PARTY OF TH
		Al Purble		
		Non Kun Ranger		
		O Amarnath Mountain	tonic with re	spect to area?
		(a) (a) (a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	largest lake in Jammu and Kushmir with re	
		Which of the following		-
	42	Water .		
		10 Dal Lake Anchar Lake		
,		o amount his		AND RESIDENCE OF THE PARTY OF T
		D) K	the highest Maize producing state of Ind	ia?
		unish of the following is	the highest Marze producing	
		AP ALLESSA DATE		
		Madhya Pradesh Jammu and Kashmir		
	_			
		D) Kamataka		Timitory?
isus in India?		or a cobe following is	a district in Jammu and Kashmir Union	Territory
		AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED		Table 1988 And State 1988
		and the second		LATIN SEC.
	В	Contraction of the Contraction o		
	C	400000000000000000000000000000000000000		
	D)	000000000000000000000000000000000000000		
	45. WI	shmir and Ladakh?	tatement is true regarding sowing o	
	A)	Wheat is sown in Oct	-Nov in Kashmir and in May in Lada	kh
	B)	Wheat is sown in Mar	y in Kashmir and not sown in Ladakh	Company of the Company
	C)			
			oth, Ladakh and Kashmir	
	D)	What is not sown in o	otn, Ladakn and Kastiinii	
	46. Which	ch among the following	g don't come under the purview of l	Right to Education?
	A)	Government Schools		
	B)	Private Schools		
		Madrasas		
	. D)	Government schools t	funded by Private Funds	
	(Set - D)		(9)	[P.T.O.
			(0) 100	fr.r.o.

C) 103 rd	
D) 31"	
48. Which of the following goods is covered under the GST bill?	
A) Cooking gas	
B) Liquor	
C) Petrol D) Diamonds	
TOTAL STRUCTURE TO STRUCTURE STRUCTU	
49. A private university named "Kaushal University" is assessable under the inc	
as as	Ome tow
A) A individual	-120
- B) An artificial juridical person	
C) A local authority	
D) None of these	
50. Which of the following is NOT the responsibility of a panchayat secretary A) Recording participation and discussion to	
Recording participation and discussion during most	?
Recording participation and discussion during meetings of panchay sabha	at and gram
B) Maintains the village funds-collection and disbursel	
C) Helps in implementation of resolution of panchayat and gram sabha D) Responsible for conducting all and an arm sabha	
D) Responsible for conducting election and vote counting	
51. What is the minimum requirement on the number of meetings to be condu	
gram panchayat in Jammu and Kashmir.	cted by
A) At least once a week	
-B) At least once a month	
C) At least once in six months	
C) At least once in six months D) At least once in a year	
D) At least once in a year many time to the state of the	
52. According to 2011 census, what is average literacy rate in the state of Jam Kashmir	mu and
A) Less than 65%	illu and
The state of the s	
B) More than 65% but less than 70%	
More than 70% and less than 75%	
More than 75%	
(Sec. D)	
(10)	

47. Which of the following constitution amendment gave one third reservations to wood

106th

B)

o women		and a section of the	
		hmir, maximum number of members in a gram panchayat can be	
	- A) 7 B) 11		
	C) 15		
	D) 21		
	54. Who among the fol	llowing made "Bud Musjid" in Kashmir?	
	A) Shah Mir		
	B) Sultan Sikand	ar	N/ANA
	C) Aurangzeb D) Rinchan		1000
	D) Rinchan		
X act	55. Managers set targe	ts and decide their organization can achieve them.	
	A) What	per la residia de la continua de la	VIII III
	_ B) How		
	C) Which		
	D) Because		
			300
	56. What are you	in the kitchen cupboard?	200
ım	A) Looking in		
	B) Looking on		
	C) Looking to		
	·D) Looking for		
	57. "Man proposes,	disposes". Fill in the blank space in this saying	with any
	57. "Man proposes, one of the followin		
	A) Woman	designate to appeal a residence of the contract	
	THE RESERVE AND ADDRESS OF THE PARTY OF THE		
	C) Young girl		
	D) Goddess		
		man or with income and the last and	
	58. She the	e best apples from the basket.	
	AA) Choose		
	C) Was chosen		
	D) Choosing		
			[P.T.O.
		(11)	
	(Set - D)		

	D)	Enjoyed	
60.	Cho	ose the correctly spelt word	
	A)	Comittee	
	B)	Committe	
	0	Comitteee	
	D)	Committee	
61.	WE	ich one is the correct sentence?	
(MA)	A)	Mumps is common among children.	
	·B)	Mumps are common among children.	
	C)	Mumps is common between children.	
	D)	Mumps are common between children.	
-	220	sergeant asked him to come to the Police station -	
62.	The	ich one is the correct answer?	
		Between 4 PM to 5 PM.	
	A)	Between 4 PM and 5 PM.	
	·B)	Between 4 PM or 5 PM.	
	C) D)	Between 4 PM till 5 PM.	
	10)	Detrocal	
63.	Whi	ich one is the correct sentence ?	
	A)	He who speaks the truth, everybody loves him.	
	B)	Everybody loves him who speaks the truth.	
	C)	Everybody who loves him speaks the truth.	
	D)	Everybody whom he loves speaks the truth.	
64.	Agn	eat man said, "If you can't fly, then run, if you can't	run, then walk, if you can't wa
		crawl, but whatever you do, you have to keep	
	on -	and the second section of the section of th	
	A)	Flying.	
	B)	Running.	
	(C)	Moving.	
	D)	Crawling.	
100	- V - V		0
1		(12)	

A)

(B)

C)

Enjoyed ourselves

Played with

65. The correct form of the sentence "Did they not kno from?" will be -	ow who was he and where did he come
A) Did they not know who was he and where he	came from?
B) Did they not know who he was and where di	dha cama Gam?
Did they not know who he was and where he Did not they know who he was and where he	came from?
66. Choose the right word from below to fill in the "The President gave to the bill."	e blank in the following sentence.
A) Accent.	
B) Ascent.	
C) Assent. D) Ascend	
67. "The wise man advised us not to hate the poor". Re with one of the following expressions:	eplace the word 'hate' in the sentence
A) Look down,	
B) Look against.	
C) Look down upon, D) Look down against	
D) Look down against,	
68. Fill in the blank in the	
68. Fill in the blank in the sentence "He studied har appropriate preposition from the following -	d lest he fail" with an
(A) would rom the following -	
B) should	
C) could	
D) might.	
69. "What you told is Greek to me", In this sentence, the	and the second second
A) The language of ancient Greece.	e word 'Greek' means -
b) The language of medieval Greece	
C) The language of modern Greece.	
D) Unknown.	
70. Manohar is good Cricket.	
A) about	
B) in	
· C) at	
D) of	
71. Choose the Automore ed	
71. Choose the Antonym of the word LOVE.	
A) Affection	
B) Care	
C) Like	
· D) Hate	
(Set - D) (13)	TO 10 0
(13)	[P.T.O

alk, is is

72. Sarmistha is afraidspiders.		
A) from		
B) in		
C) about		
D) of		
73. "He hardly tried for good luck." In this sentence, the word Which one is the correct answer?	'hardly' means -	
- A) Almost not.		
B) Sincerely.		
C) In a diligent way.		
D) Very seriously		
74. "Where there is a there is a way." Fill in the bla with any one of the following words -	ink space in this se	intence
with any one of the romowing words	and the first of	16.3
A) Will B) Shall		
C) Should		
D) Would		
Por Walley		
75. "Yesterday Rahim as well as Karim present in	the meeting." Fill	
in this sentence with one of the following -	remeeting. Fill	in the bla
A) Has been		
B) Was		
C) Had been		
· D) Were		
76. The expression "Think out of the box" means -		
Come out of the box and then think.		
B) Think in a conventional manner.		
* C) Think in an innovative manner.		
D) Think inside the box.		
morae the tox.		
77. Omnivorous animale are the		
animais are those who -		
of Iood,		
B) Live on vegetables.		
C) Live in water		
D) Live in flocks		
8. That he would treat		
8. That he would treat me with this kind of misbehaviour wa	s known to me	This cent
	The state of the s	1112 2011
A) Fully correct		
B) Partially correct		
C) Substantially in		
to a statistically incorrect		
incorrect		100
Set - D)		
(14)		

Qui Ch 8. 3. B) C) D 0. 1

82.

83.

80.

Choose the correct option to replace 17. 78. 8,20,36,56,7 A) 80 100 y'means -D) 84 88. 1, 8, 4, 27, 9, 7 A) 8 B) 9 C) 64 D) 16 in this sentence A) 30 B) 35 0 23 D) 40 82. APZLT, CQYNR, ERXPP, GSWRN, ? " Fill in the blank A) KVIJUJ B) JUUVK .O ITVTL D) KUUVJ 83. RAP, MAP, HOT, FUN,? A) HNE B) PGI C) SIN · D) CAT 84. CWE, FQH, RDI,? A) XBZ B) TGU · C) MCO D) FUT s sentence 85. Flow: River :: Stagnant : ? A) Rain B) Stream ·C) Pool D) Canal (Set - D) IP.T.O. (15)

86. Rupee: India :: Yen: ? A) Turkey B) America (C) Japan D) China 87. Physician: Treatment :: Judge : ? A) Punishment · B) Judgement C) Lawyer D) Court Questions: (88-90) In each of the following questions two statements are given and these statements in followed by two conclusions numbered (1) and (2). You have to take the given by statements to be true even if they seem to be at variance from commonly known factories which of the given conclusions beginning. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts. Statements: Some actors are singers. All the singers are dancers. Conclusions: Some actors are dancers. No singer is actor. 2. Only (1) conclusion follows * A) Only (2) conclusion follows B) Either (1) or (2) follows C) Neither (1) nor (2) follows D) 89. Statements: All the harmoniums are instruments. All the instruments are fluten Conclusions: All the flutes are instruments. All the harmoniums are flutes. A) Only (1) conclusion follows . B) Only (2) conclusion follows C) Either (1) or (2) follows D) Neither (1) nor (2) follows 90. Statements: Some mangoes are yellow. Some tixo are mangoes. Conclusions: 1. Some mangoes are green. 2. Tixo is a yellow. A) Only (1) conclusion follows B) Only (2) conclusion follows C) Either (1) or (2) follows Neither (1) nor (2) follows * D) (Set - D) (16)

Questions: (9)
In each question
I and II. You be
conclusions to
doubt from the

Statements:
bureaucrats
Conclusion
Govern

2. the fi

A) Only

C) Eith D) Bot

92. Stateme scenario Conclu

2.

A) B) C)

.D)

93. Stat

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2

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i de l'

(Set

prestions: (91-93)

Description below is given a statement followed by two conclusions number of the statement to be true, then consider the consideration of the statement of t per each question below is given a statement to be true, then consider the back question have to assume everything in the statement to be true, then consider the back you have to assume which of them logically follows beyond a reasonable photoes together and decide which of them logically follows beyond a reasonable photoes together and decide which of them logically follows beyond a reasonable photoes together and decide which of them logically follows beyond a reasonable photoes together and decide which of them logically follows beyond a reasonable photoes to get the photoes the photoes the photoes to get the photoes to get the photoes the phot 1 and II You have to assume every things of them logically follows beyond a reasonable took hasions together and decide which of them logically follows beyond a reasonable from the information given in the statement. where the information given in the statement.

suggested as Directors of these institutions. second as Directors of these institutions.

Government should appoint Directors of the financial institutes taking into the expertise of the person in the area of finance. Ceaclusions: consideration the expertise of the person in the area of finance.

The Director of the financial institute should have expertise commensurate with the financial work carried out by the institute.

Only (1) conclusion follows

g) Only (2) conclusion follows

O Either (1) or (2) follows

pi Both (1) and (2) follows

92 Sulcenents: Population increase coupled with depleting resources is going to be the seario of many developing countries in days to come.

Ceaclusions:

- The population of developing countries will not continue to increase in future.
- It will be very difficult for the governments of developing countries to provide its people decent quality of life.
- N Only (1) conclusion follows
- 3) Only (2) conclusion follows
- (1) Either (1) or (2) follows
- .D) Both (1) and (2) follows
- 93. Statements: Prime age school-going children in urban India have now become avid as well as more regular viewers of television, even in households without a TV. As a result there has been an alarming decline in the extent of readership of newspapers.

Conclusions:

- Method of increasing the readership of newspapers should be devised.
- A team of experts should be sent to other countries to study the impact of TV. on the readership of newspapers.
- A) Only (1) conclusion follows
- B) Only (2) conclusion follows
- () Either (1) or (2) follows
- D) Neither (1) nor (2) follows

(Set - D)

IP.T.O.

ments are flutes.

incers.

nd these statements are

to take the given two

ommonly known facts

sions logically follows

94. 'Meat' is related to 'Vegetarian' in the same way as 'Alcohol' is related to	-08
'A) Teetotaler	100. Arrang
B) Smoker	P
C) Water	2. 5
D) Dietician	3- 1 4- 1
95. 'Chef' is related to 'Food' in the same way as 'Choreographer' is related	
A) Stage	to? 6.
B) Music	(A.
· C) Dance	
D) Photography	(C)
	D)
96. Select the option that is related to the third number in the same way	y as the second
number is related to the most manager 4 . 6 . 25	101. Arr
A) 100	T. C. P.
B) 125	11 (9)
C) 625	3.
D) .75	4.
97. If + means '+' - means '+', × means '-' and + means ' ×', then what wil	Dhathand 5.
the following expression. $18 \div 6 - 27 + 3 \times 12 = ?$	A A
A) 92	X _B
· B) 105	C
C) 95	0.00
D) 107	0.00
	102, 1
98. Introducing a girl, a boy said, "She is the daughter of the mother of the aunt." How is the girl related to the boy?	e daughter of my
· A) Niece	STATE OF THE PARTY
B) Aunt	DE BOOK
C) Cousin	Salarate Control of the latest and
D) Daughter	ating,
along of manufactures and property and a manufacture of the property of the community based	
99. One morning, Manish and Ali were talking to each other face to face	
Ali's shadow was exactly to the left of Manish, which direction was Manish	at a crossing. II
· A) East	amsn racing?
B) South	
C) Wast	
D) North	
	SK (8)
(Set - D)	(Se
	100

100. Arrange the following words in a logical and meaningful order.
Writing ohor is related to Book Seller Idea her' is related to Feedback Reader? A) 4, 1, 2, 3, 6, 5 4, 1, 2, 6, 3, 5 4, 1, 3, 6, 5, 2* 10 D) 4, 1, 2, 6, 5, 3 same way as the second 184. Ansage the following in a logical and meaningful order. World Cup Semi Final Matches world Cup Finals Match Organizing the World Cup Finalizing the participating teams what will be the value of Winner of the World Cup? 0 5,2,3,1,4 4,1,2,3\5 0 4.3,1.2,5 4,1,3,2,5 102. Kedar left home and ran 20 km towards South, then turned right and ran 10 km. He took f the daughter of my restforten minutes at the same spot and then again turned right and ran 20 km. After this beamed left and ran 20 km to the cricket ground. How many kilometers will be have to na back to reach his home by shortest route? A) 15 km B) 20 km C) 25 km · D) 30 km e at a crossing. If 103. The angles of the quadrilateral are in Ratio 4: 5: 10: 11. The angles are given below: lanish facing? A) 36°, 60°, 108°, 156° JB) 48°, 60°, 120°, 132° c) 52°, 60°, 122°, 126° b) 60°, 60°, 120°, 120° (Set - D) (19) IP.T.O.

- 104. One fourth of one third of two fifth of a number is 15. What will be 40% of that number?
 - A) 120
 - B) 350
 - C) 270
 - · D) 180
- 105. The expression 86.04/4000 is equal to
 - A) 0.10215
 - · B) 0.02151
 - C) 0.15201
 - D) 0.21015
- 106. A man sells two houses at the rate of Rs. 1.995 lakhs each. On one, he gains 5% and on other he loses 5%. His gain/loss percentage in the whole transaction is
 - A) Loss = 0.25%
 - B) Gain = 0.25%
 - C) Loss = 2.5%
 - D) Loss = 25%
- 107. A has to pay Rs. 220 to B after 1 year. B asks A to pay Rs. 110 in cash and defer the payment of Rs. 110 for 2 years. A agrees to it. If the rate of interest be 10% per annum, in this mode of payment.
 - A) There is no gain or loss to any one
 - B) A gains Rs. 7.34
 - C) A loses Rs. 7.34
 - . D) Agains Rs. 11
- 108. Bombay Express left Delhi for Bombay at 14.30 hrs., travelling at a speed of 60km/h and Rajdhani Express left Delhi for Bombay on the same day at 16.30 hrs., travelling at a speed of 80kmph. How far away from Delhi will the two trains meet?
 - A) 120km
 - B) 360km
 - C) 480km
 - D) 500km

(Set - D)

f that number?

109. A and B can do piece of work in 72 days; B and C can do it in 120 days, A and C can do it in 90 days. In What time can A alone do it?

- A) 150 days
- B) 120 days
- C) 100 days
- D) 80 days

110. If $5x^2-13xy+6y^2=0$, then x:y is:

- A) 5:3 or 1:2
- B) 3:5 or 2:1
- , C) 2:1 only
 - D) 5:3 only

5% and on

defer the

er annum,

111. If
$$pq^r = 1$$
, then $\left[\frac{1}{1+p+q^{-1}} + \frac{1}{1+q+r^{-1}} + \frac{1}{1+r+p^{-1}} \right] = ?$

- A) 0
- B) $\frac{1}{pq}$
- C) pq
- D) 1

112. A certain sum of money at simple interest amounts to Rs. 1012 in 5/2 years and to Rs. 1067.20 in 4 years. The rate of interest per annum is

- A) 2.5%
- B) 3%
- C) 4%
- D) 5%

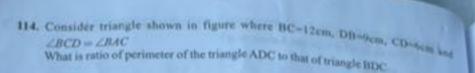
113. The linear equation 6x-12y=0 has

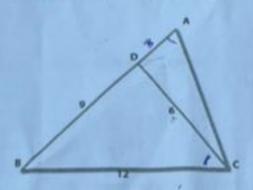
- XA) Unique solution
 - B) Two solutions
- *C) Infinite solutions
- D) No solution

IP.T.O.

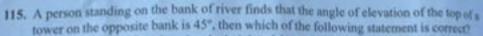
(21)

60km/h elling at





- A)
- B)
- 6:9 C)
 - 5:9 D)



- A) Breadth of a river is twice the height of the tower
- Breadth of a river and the height of tower are the same
- Breadth of a river is half of the height of the tower
- Height of a tower is half of the breadth of river D)

116. If two circles $(x-1)^2 + (y-3)^2 = r^2$ and $(x)^2 + (y)^2 + 8x + 2y + 8 = 0$ intersect in two distinct points, then

- A) 2<r<8
- B) r<2
- C) r=8
- D) r>2

117.
$$\sqrt{\frac{9.5*0.0085*18.9}{0.0017*1.9*2.1}}$$
 is equal to

- 0.15
- B) 0.5
- 15 C)
- 250 D)

(Set - D)

(22)

118 Find the Argent of the common

A) Lich

Directions The pic chart give percent specific part in Rs. 33.6 cm Percent Spart the chart and of the family is Rs. 33,650.



The annual savings in t

- A) 48456 48540
 - B)
 - 44856 0
 - 45480 D)

120. Study the pattern:

1 × 8+1=9

 $12 \times 8 + 2 = 98$ $123 \times 8 + 3 = 987$

 $1234 \times 8 + 4 = 98$

 $12345 \times 8 + 5 = 9$

Write the answer A) 987653, 98

- B) 987651, 98
- 0 987650, 98
- D) 987654, 9

(Set - D)

CD-6cm and

118. Find the length of the common tangent of two externally touching circles with rada 10cm and ocm respectively. Find the 9cm respectively,

- A) 12 cm

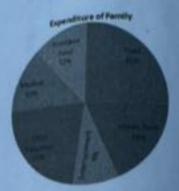
 - B) 13 cm 24 cm
 - C) 28 cm D)
- 119. Directions: The pie chart given here represents the domestic expenditure of a family in Directions:

 Directions:

 Output

 Directions:

 Outp of the family is Rs. 33,650.



the top of a correct?

ntersect in

The annual savings in the form of provident fund would be

- · A) 48456
- 48540 B)
- 44856 C)
- D) 45480
- 120. Study the pattern:

$$1 \times 8 + 1 = 9$$

$$12 \times 8 + 2 = 98$$

$$123 \times 8 + 3 = 987$$

$$1234 \times 8 + 4 = 9876$$

$$12345 \times 8 + 5 = 98765$$

12345 6 x 8 + 6

Write the answer for next two steps

- A) 987653, 9876543
- B) 987651, 9876542
- c) 987650, 9876542
- D) 987654, 9876543

	anat is the primary function of a Con.	U)//	
1.	What is the primary function of a Central Processing Unit (CPI		
	Execution of instructions		
-	Display of graphics		
1	Network communication		
	which computer component is responsible for storing data in a	long-term, non-v	olatile
2.	which computer component is responsible for storing data in	merel (A)	
17	RAM		
	cont t		
-(
) Monitor		
	That is the main function of a land t		
	What is the main function of an input device? Display information		
. (A 1 Sec. 19 1 Sec. 19 10 Sec. 19 Sec. 19 10 Sec. 19 Sec. 19 10 Sec. 19 Sec. 19 10 Sec. 19 Sec. 19 10 Sec. 19 1		
	Store data permanently		
4. 1	Vhat is the purpose of an operating system?		
1	To perform arithmetic calculations		
·I	To manage hardware resources and run applications To manage hardware resources and run applications		
(To display graphics		
1	To store and retrieve data		
5.	Which type of software is designed to protect a computer f	rom viruses and t	nalwa
	Word processor		
	1 1		
	Maria Valletia Santa Carriera de Carriera		
6.	What is the primary function of a modem?		
	To display images on the sereet		
	To provide power to the computer		
	the computer to the internet		
	- Into		
		- a commuter?	
	What is the purpose of random access memory (RAM) is	n a computer.	
	etorage of data and program	15	
	- L. Fimages		
	and through a Keyboaru		
	D) Data input through a set (3)		
(Set-	D)		

- D)			
1	Keyboard		
9. WI	hich of the following is not a high-level programming language?		
· A)	Python		
B)	Assembly		
(C)	Java		
D)	C++		
10. Whi	ch data structure uses the Last-In-First-Out (LIFO) principle?		
A)	Queue		
- B)	Stack		
	Array		
D)	Linked List		
II. What	is the purpose of an algorithm in computer science?		
†A) 7	To execute a program		
*B) 7	To provide a step-by-step solution to a problem		
C) 7	To store data in memory		
	To create a user interface		
12. Which	programming paradigm is associated with objects that encapsular	te dat	a aı
CCIMIVIO		7	187
	rocedural		
	inctional		
	oject-Oriented		
D) Im	perative		
13 Wheelers			
A) IOI	he binary equivalent of the hexadecimal number "1A"?		
1657			
B) 1000			
C) 1101			
D) 1110	U.		
The second second			
14. What is the	purpose of a compiler in programming?		
A) To exe	ecute the program		
	Proposition		
C) To deh	overt source code into machine code		
-/ 10 deb	ug the program		
(Set - D)	nage memory allocation		
, and	(4)		

Which of the following is not an example of an output device?

A) Printer B) Speaker

A	
	as a la such development?
	That does HTML stand for in web development?
15. \	Hyperina Management Language
8	Transfer Still Adjusted Still Adjust
(C)	Town Markup Language
-D)	
w w	hich of the following is not an input device?
16- N	At Among
B)	Mouse
(C)	Printer
D)	Scanner and position
	nat type of software is responsible for managing hardware components and providing
17. W	ser interface?
	A Contract of British
A) B)	Application software
(C)	Open-source software
D)	Freeware
18. Wh	at is the primary characteristic of open-source software?
A)	
B)	The source code is freely available and can be modified
(C)	It is always developed by large corporations.
D)	It is never used in commercial applications.
	nich organization oversees the development of the open-source web browser Firefox?
19. W	nich organization oversees the development of the open-source
A)	Google
. B)	Mozilla Foundation
C)	Microsoft
D)	Apple
20. Wh	at is a primary key in MS Access?
- A)	A unique identifier for a record
B)	A way to format text
	A type of report
C)	A form control
D)	A form country
	and the in the context of MS Access?
21. Wh	at does SQL stand for in the context of MS Access?
A)	Structured Query Language
B)	System Query Logic
C)	Structured Query Logic
	System Query Language
- D)	
	[P.T.O.
(Set - D)	

ı

22. What is the term used for a single slide in a PowerPoint presentation? A) Sheet B) Frame Stide - (7) Card 23. What does PDF stand for? D) .A) Portable Document Format B) Personal Document File C) Print Document Format D) Plain Document File 24. What does URL stand for? A) Universal Resource Locator B) Uniform Resource Locator C) Universal Resource Link D) Uniform Resource Link 25. What does CC stand for in an email context? B) Copy Content A) Carbon Copy C) Confidential Copy D) Computer Copy 26. What is a computer virus? A) A type of computer hardware · B) A software program designed to damage or infect computers C) A type of computer network D) A computer accessory 27. How do computer viruses typically spread? · A) Through physical contact with infected computers B) Via email attachments, downloads, and infected files C) Through wireless networks only D) By overheating the computer's hardware 28. Which of the following is NOT a common objective of computer viruses? A) Stealing personal data B) Slowing down system performance Spreading awareness about online security Deleting or corrupting files (Set - D) (6)

Which

A

B)

C)

D)

W

A

B

32.

30.

29.

35. Which of the following states does no	t share boundaries with other countries?
A) Unar Pradesh	
ii) Nagalard	
C) Assitt	
D) Jharkhand	
36. Which of the following state is smaller	st in terms of area?
A) Rejasthan	
B) Madhyu Prudesh	
C) Maharashira	
- D) Uttar Pradesh	
37. Which of the following is highest milk p	oroducing states in India?
A) Rajasthan	
B) Gujarat	
C) Andhra Pradesh	
D) Punjab	
The second secon	
38. Which of the following information is No	OT collected due
A) Marital status	OT collected during the census in India?
- B) Educational qualification	
C) Salary per month	
Control of the Contro	
D) Occupation	
30 1	
39. Last census of India was conducted in	
A) Feb 2011	
B) March 2014	
-C) Feb 2021	
150.4025	
40. Which of the following	
40. Which of the following was NOT ruler of Ja A) Aurangzeb	ammu and Kashmi-o
	of all and reasoning?
B) Maharaja Ranjit Singh	
C) Maharaja Gulat o	
aga Gulab Sinoh	
D) Queen Victoria	
(Set - D)	

(8)

N.				
	A .	A		Lucial Colonia
with		-	in Jammu and K	ashmire
with other countries?		and it	ng is highest recuntain range in Jammu and K	
-		and see of the following		
		Al Purbut Plant		
		Non Kun Ranger		
		O Amarnath Mountain	tonic with re	spect to area?
		D)	Jargest lake in Jammu and Kashmir with re	
		Which of the following		
	42	Witten .		
		Dil Lake Anchar Lake		
,		o servichi.		AT ALL PARTY OF THE PARTY OF TH
		D) W	the highest Maize producing state of Indi	a?
		unish of the following is t	the highest Marze produced	The second second second
	43	AP AND DESCRIPTION OF THE PARTY		
		Madhya Pradesh Jammu and Kashmir		
		D) Karnataka		Turitor/2
isus in India?		or a cohe following is a	a district in Jammu and Kashmir Union	Territory
		All county and the second		Carried Street, Square, Square
		m-red		white the same
	·B	0.00000000		
	C	400000000		
	D			
	45. W	shmir and Ladakh?	atement is true regarding sowing of	
	A)	Wheat is sown in Oct-	Nov in Kashmir and in May in Ladal	ch de la
	B)	Wheat is sown in May	y in Kashmir and not sown in Ladakh	
	(C)			
			oth, Ladakh and Kashmir	
	D)	what is not sown in oc	otn, Ladakn and Kasmini	
	46. Which	ch among the following	g don't come under the purview of F	tight to Education?
	A)	Government Schools		
	B)	Private Schools		
	C)			
		Madrasas		
	. D)	Government schools f	funded by Private Funds	
	(Set - D)		(9)	.O.T.9]

C) 103 rd		
D) 31 st		
48. Which of the following goods is covered under the GST bi	Ho.	
	A COLUMN TO SERVICE STATE OF THE PERSON NAMED IN COLUMN TO SERVICE STATE	
A) Cooking gas		
B) Liquor C) Petrol		
D) Diamonds		
CONTROL OF		
49. A private university named "Kaushal University" is assessa		
as and the second secon	ole under the inc	Ome to
A) A individual		100
B) An artificial juridical person		
C) A local authority		
D) None of these		
50. Which of the following is NOT the responsibility of a pane		
Recording participation and discussion during meeti sabha	hayat secretary	?
sabha sabha	ngs of panchay	at and one
B) Maintains the village funds-collection and disbursal		
C) Helps in implementation of resolution of panchayat at D) Responsible for conducting all at a source of the source of		
D) Responsible for conducting election and vote counting	nd gram sabha	
	_	
51. What is the minimum requirement on the number of meetingram panchayat in Jammu and Kashmir		
gram panchayat in Jammu and Kashmir.	ngs to be condu	cted by
A) At least once a week		
-B) At least once a month		
ouec a month		
seast once in six months		
D) At least once in a year		
52. According to 2011 census, what is average literacy rate in t	ha state of L	
Kashmir Santaey rate in t	ne state of Jam	mu and
A) Less than 65%		
B) More than 65% but less than 70%		
More than 70% and less than 750/		
man 75%		
(Set - D)		
,		
(10)		

47. Which of the following constitution amendment gave one third reservations to wood

106th

B)

o women			- conclusion can	
		and Kashmir, maximum r	number of members in a gram panchayat can be	
	- A) 7 B) 11			
	C) 15			
	D) 21			
	54. Who amon	g the following made "I	Bud Musjid" in Kashmir?	
	A) Shah			
	-	Sikandar		7,000
	C) Aurar D) Rinch			
	D) Rinch	All		200
X act	55. Managers s	et targets and decide	their organization can achieve them.	011740
	A) What			
	_ B) How			
	C) Which			11/40
	D) Becau	ise		
	56. What are ye	ouin the k	itchen cupboard?	
ım	A) Looki	ng in		
	B) Looki	ng on		
	C) Looki	ng to		
	·D) Looki	ng for		
	57. "Man propo	sees disr	oses". Fill in the blank space in this saying w	ith any
		ollowing words -	Variable bases married by the sealing	
	A) Woma			
	THE RESERVE OF THE PARTY OF THE	244		
	C) Young			
	D) Godde	SS		
			in the latest and the	
	58. She	the best apples	from the basket.	
	AA) Choos	e		
	The second second			
	The second			
	C) Was c			
	D) Choos	ing		
				[P.T.O.
			(11)	100
	(Set - D)			

	D)	Enjoyed	
60.	Cho	ose the correctly spelt word	
	A)	Comittee	
	B)	Committe	
	0	Comitteee	
	D)	Committee	
61.	WE	ich one is the correct sentence?	
	A)	Mumps is common among children.	
	·B)	Mumps are common among children.	
	(C)	Mumps is common between children.	
	D)	Mumps are common between children.	
		1. I bin to come to the Delice station	
62.	The	sergeant asked him to come to the Police station -	
	Wh	ich one is the correct answer?	
	A)	Between 4 PM to 5 PM.	
	·B)	Between 4 PM and 5 PM.	
	C)	Between 4 PM or 5 PM.	
	D)	Between 4 PM till 5 PM.	
63.	Whi	ich one is the correct sentence ?	
		He who speaks the truth, everybody loves him.	
	B)	Everybody loves him who speaks the truth.	
	C)	Everybody who loves him speaks the truth.	
	D)	Everybody whom he loves speaks the truth.	
64.	Agr	eat man said, "If you can't fly, then run, if you can't	run, then walk, if you can't wa
		crawl, but whatever you do, you have to keep	
	on -		
	A)	Flying.	
	B)	Running.	
	· C)	Moving.	
	D)	Crawling.	
10	- T - T		1
1			
		(12)	

A)

(B)

C)

Enjoyed ourselves

Played with

65. The correct form of the sentence "Did they not know w	ho was he and where did he come
A) Did they not know who was he and where he can	ne from?
Did they not know who he was and where did ha	come Geom?
Did they not know who he was and where he can Did not they know who he was and where he can	an County
66. Choose the right word from below to fill in the black. "The President gave to the bill."	ank in the following sentence.
A) Accent.	
B) Ascent. C) Assent.	
D) Ascend	
67. "The wise man advised us not to hate the poor". Replawith one of the following expressions: A) Look down.	ce the word 'hate' in the sentence
B) Look against. C) Look down upon.	
D) Look down against.	
-y acord against,	
68. Fill in the blank in the sentence "He studied hard le	AND DESCRIPTIONS OF THE PARTY O
appropriate preposition from the following -	st he fail" with an
(A) would	
B) should	
C) could	
D) might.	
69. "What you told is Greek to well to the	
69. "What you told is Greek to me", In this sentence, the w	ord 'Greek' means -
Books of micient Greece	
Straight of the College of the Colle	
C) The language of modern Greece. D) Unknown.	
Olikhown.	
70. Manohar is good Cricket.	
A) about	
B) in	
·C) at	
D) of	
5) 01	
71 Channel A	
71. Choose the Antonym of the word LOVE.	
A) Affection	
B) Care	
C) Like	
· D) Hate	
(Set - D) (13)	
(13)	[P.T.O

alk, is is

72. Sarmistha is afraidspiders.		N T
A) from		
B) in		
C) about		
D) of		
73. "He hardly tried for good luck." In this sentence, the word? Which one is the correct answer?	hardly' means -	
· A) Almost not.		
B) Sincerely.		
C) In a diligent way.		
D) Very seriously		
	the second	
74. "Where there is a there is a way." Fill in the blar with any one of the following words -	ik space in this se	entence
with any one of the following words - A) Will		
B) Shall		
C) Should		
D) Would		
The state of the s		
75. "Yesterday Rahim as well as Karim present in th	e meeting." Fill	in the sec
in this sentence with one of the following -	The state of the s	in the PP
A) Has been		
B) Was		
C) Had been		
· D) Were		
76. The expression "Think out of the box" means -		
Come out of the box and then think.		
B) Think in a conventional manner.		
* C) Think in an innovative manner.		
D) Think inside the box.		
77. Omnivorous animals are those who -		
A) Eat all kinds of food.		
B) Live on vegetables		
The state of the s		
C) Live in water		
D) Live in flocks		
8. That he would treat		
8. That he would treat me with this kind of misbehaviour was is -	known to me	PR. S. Commission
18 -	known to me.	i nis sen
A) Fully correct		
B) Partially correct		
Continuity Contest		
and admittally incorrect		
incorrect		100
Set - D)		189
(14)		
14.01		

Qui Ch 8. 3. B) C) D 0. 1

82.

83.

80.

Choose the correct option to replace 17. 78. 8,20,36,56,7 A) 80 100 y'means -D) 84 88. 1, 8, 4, 27, 9, 7 A) 8 B) 9 C) 64 D) 16 in this sentence A) 30 B) 35 0 23 D) 40 82. APZLT, CQYNR, ERXPP, GSWRN, ? " Fill in the blank A) KVIJUJ B) JUUVK .O ITVTL D) KUUVJ 83. RAP, MAP, HOT, FUN,? A) HNE B) PGI C) SIN · D) CAT 84. CWE, FQH, RDI,? A) XBZ B) TGU · C) MCO D) FUT s sentence 85. Flow: River :: Stagnant : ? A) Rain B) Stream ·C) Pool D) Canal (Set - D) IP.T.O. (15)

86. Rupee: India :: Yen: ? A) Turkey B) America (C) Japan D) China 87. Physician: Treatment :: Judge : ? A) Punishment · B) Judgement C) Lawyer D) Court Questions: (88-90) In each of the following questions two statements are given and these statements in followed by two conclusions numbered (1) and (2). You have to take the given by statements to be true even if they seem to be at variance from commonly known factories which of the given conclusions beginning. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts. Statements: Some actors are singers. All the singers are dancers. Conclusions: Some actors are dancers. No singer is actor. 2. Only (1) conclusion follows * A) Only (2) conclusion follows B) Either (1) or (2) follows C) Neither (1) nor (2) follows D) 89. Statements: All the harmoniums are instruments. All the instruments are fluten Conclusions: All the flutes are instruments. All the harmoniums are flutes. A) Only (1) conclusion follows . B) Only (2) conclusion follows C) Either (1) or (2) follows D) Neither (1) nor (2) follows 90. Statements: Some mangoes are yellow. Some tixo are mangoes. Conclusions: 1. Some mangoes are green. 2. Tixo is a yellow. A) Only (1) conclusion follows B) Only (2) conclusion follows C) Either (1) or (2) follows Neither (1) nor (2) follows * D) (Set - D) (16)

Questions: (9)
In each question
I and II. You be
conclusions to
doubt from the

Statements:
bureaucrats
Conclusion
Govern

2. the fi

A) Only

C) Eith D) Bot

92. Stateme scenario Conclu

2.

A) B) C)

.D)

93. Stat

the

2

.

i de l'

(Set

prestions: (91-93)

Description below is given a statement followed by two conclusions number of the statement to be true, then consider the consideration of the statement of t per each question below is given a statement to be true, then consider the back question have to assume everything in the statement to be true, then consider the back you have to assume which of them logically follows beyond a reasonable photoes together and decide which of them logically follows beyond a reasonable photoes together and decide which of them logically follows beyond a reasonable photoes together and decide which of them logically follows beyond a reasonable photoes together and decide which of them logically follows beyond a reasonable photoes to get the photoes the photoes the photoes to get the photoes to get the photoes the phot 1 and II You have to assume every things of them logically follows beyond a reasonable took hasions together and decide which of them logically follows beyond a reasonable from the information given in the statement. where the information given in the statement.

suggested as Directors of these institutions. second as Directors of these institutions.

Government should appoint Directors of the financial institutes taking into the expertise of the person in the area of finance. Ceaclusions: consideration the expertise of the person in the area of finance.

The Director of the financial institute should have expertise commensurate with the financial work carried out by the institute.

Only (1) conclusion follows

g) Only (2) conclusion follows

O Either (1) or (2) follows

pi Both (1) and (2) follows

92 Sulcenents: Population increase coupled with depleting resources is going to be the seario of many developing countries in days to come.

Ceaclusions:

The population of developing countries will not continue to increase in future.

It will be very difficult for the governments of developing countries to provide its people decent quality of life.

N Only (1) conclusion follows

3) Only (2) conclusion follows

(1) Either (1) or (2) follows

.D) Both (1) and (2) follows

93. Statements: Prime age school-going children in urban India have now become avid as well as more regular viewers of television, even in households without a TV. As a result there has been an alarming decline in the extent of readership of newspapers.

Conclusions:

Method of increasing the readership of newspapers should be devised.

A team of experts should be sent to other countries to study the impact of TV. on the readership of newspapers.

A) Only (1) conclusion follows

B) Only (2) conclusion follows

() Either (1) or (2) follows

D) Neither (1) nor (2) follows

(Set - D)

IP.T.O.



ments are flutes.

incers.

nd these statements are

to take the given two

ommonly known facts

sions logically follows

94. 'Meat' is related to 'Vegetarian' in the same	way as 'Alcohol' is related to
·A) Teetotaler	way as 'Alcohol' is related to 100. Arrang
B) Smoker	The second secon
C) Water	The street has one or house the street of th
D) Dietician	The state of the s
95. 'Chef' is related to 'Food' in the same way	
A) Stage	6.
	A)
	B)
	C)
	D)
96. Select the option that is related to the thi	rd number in the same way as the second
number is related to the first finance. 4. 5	::25:
A) 100	The second secon
B) 125	Constitution (Chical Id.)
C) 625	3.
D) 75	A.
97. If + means '+' - means '+', × means '-' and	+ means 'x' then what will be the set.
the following expression. 18 + 6 - 27 + 3 ×	12 = ?
A) 92	X _B
· B) 105	all he gillery saxob signing C
C) 95	and the second s
D) 107	service mountmore CG years and
	and the contract of the second
98. Introducing a girl, a boy said, "She is the da aunt." How is the girl related to the boy?	ughter of the mother of the daughter of my
· A) Niece	ing-foother season of the state
B) Aunt	dollo recorde return address it of
C) Cousin	sallook a morelle serves den de alle colles
D) Daughter	of the control of the
despite of these epipers about 1 feeders bedoes	and subspire reports barband (E.)
99. One morning, Manish and Ali were talking	to such other forces forces
Ali's shadow was exactly to the left of Manis	sh, which direction was Manish facing?
· A) East	a, which direction was Mainsh facing?
B) South	
C) West	
	Membra Comarachania Com
	The state of the s
(Set - D)	(Se
	(0):18
	CONTRACTOR OF THE PARTY OF THE

100. Arrange the following words in a logical and meaningful order.
Writing ohor is related to Book Seller Idea her' is related to Feedback Reader? A) 4, 1, 2, 3, 6, 5 4, 1, 2, 6, 3, 5 4, 1, 3, 6, 5, 2* 10 D) 4, 1, 2, 6, 5, 3 same way as the second 184. Ansage the following in a logical and meaningful order. World Cup Semi Final Matches world Cup Finals Match Organizing the World Cup Finalizing the participating teams what will be the value of Winner of the World Cup? 0 5,2,3,1,4 4,1,2,3\5 0 4.3,1.2,5 4,1,3,2,5 102. Kedar left home and ran 20 km towards South, then turned right and ran 10 km. He took f the daughter of my restforten minutes at the same spot and then again turned right and ran 20 km. After this beamed left and ran 20 km to the cricket ground. How many kilometers will be have to na back to reach his home by shortest route? A) 15 km B) 20 km C) 25 km · D) 30 km e at a crossing. If 103. The angles of the quadrilateral are in Ratio 4: 5: 10: 11. The angles are given below: lanish facing? A) 36°, 60°, 108°, 156° Jв) 48°, 60°, 120°, 132° c) 52°, 60°, 122°, 126° b) 60°, 60°, 120°, 120° (Set - D) (19) IP.T.O.

- 104. One fourth of one third of two fifth of a number is 15. What will be 40% of that number?
 - A) 120
 - B) 350
 - C) 270
 - · D) 180
- 105. The expression 86.04/4000 is equal to
 - A) 0.10215
 - · B) 0.02151
 - C) 0.15201
 - D) 0.21015
- 106. A man sells two houses at the rate of Rs. 1.995 lakhs each. On one, he gains 5% and on other he loses 5%. His gain/loss percentage in the whole transaction is
 - A) Loss = 0.25%
 - B) Gain = 0.25%
 - C) Loss = 2.5%
 - D) Loss = 25%
- 107. A has to pay Rs. 220 to B after 1 year. B asks A to pay Rs. 110 in cash and defer the payment of Rs. 110 for 2 years. A agrees to it. If the rate of interest be 10% per annum, in this mode of payment.
 - A) There is no gain or loss to any one
 - B) A gains Rs. 7.34
 - C) A loses Rs. 7.34
 - . D) A gains Rs. 11
- 108. Bombay Express left Delhi for Bombay at 14.30 hrs., travelling at a speed of 60km/h and Rajdhani Express left Delhi for Bombay on the same day at 16.30 hrs., travelling at a speed of 80kmph. How far away from Delhi will the two trains meet?
 - A) 120km
 - B) 360km
 - C) 480km
 - D) 500km

(Set - D)

f that number?

109. A and B can do piece of work in 72 days; B and C can do it in 120 days, A and C can do it

- A) 150 days
- B) 120 days
- C) 100 days
- D) 80 days

$$110. \text{ If } 5x^2 - 13xy + 6y^2 = 0, \text{ then } x \cdot y \text{ is } 1$$

- A) 5:3 or 1:2
- B) 3:5 or 2:1
- , C) 2:1 only
 - D) 5:3 only

5% and on

defer the

er annum,

111. If
$$pqr = 1$$
, then $\left[\frac{1}{1+p+q^{-1}} + \frac{1}{1+q+r^{-1}} + \frac{1}{1+r+p^{-1}}\right] = ?$

- A) 0
- B) $\frac{1}{pq}$
- C) pq
- D) 1

112. A certain sum of money at simple interest amounts to Rs. 1012 in 5/2 years and to Rs. 1067.20 in 4 years. The rate of interest per annum is

- A) 2.5%
- B) 3%
- C) 4%
- D) 5%

113. The linear equation 6x-12y=0 has

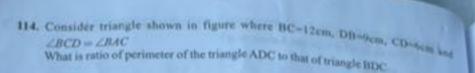
- (A) Unique solution
 - B) Two solutions
- ·C) Infinite solutions
- D) No solution

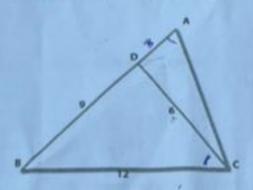
IP.T.O.

(Set - D)

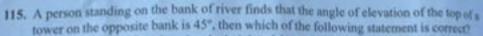
(21

60km/h elling at





- A)
- B)
- 6:9 C)
 - 5:9 D)



- A) Breadth of a river is twice the height of the tower
- Breadth of a river and the height of tower are the same
- Breadth of a river is half of the height of the tower
- Height of a tower is half of the breadth of river D)

116. If two circles $(x-1)^2 + (y-3)^2 = r^2$ and $(x)^2 + (y)^2 + 8x + 2y + 8 = 0$ intersect in two distinct points, then

- A) 2<r<8
- B) r<2
- C) r=8
- D) r>2

117.
$$\sqrt{\frac{9.5*0.0085*18.9}{0.0017*1.9*2.1}}$$
 is equal to

- 0.15
- B) 0.5
- 15 C)
- 250 D)

(Set - D)

(22)

118 Find the Argent of the common

A) Lich

Directions The pic chart give percent specific part in Rs. 33.6 cm Percent Spart the chart and of the family is Rs. 33,650.



The annual savings in t

- A) 48456 48540
 - B)
 - 44856 0
 - 45480 D)

120. Study the pattern:

1 × 8+1=9

 $12 \times 8 + 2 = 98$ $123 \times 8 + 3 = 987$

 $1234 \times 8 + 4 = 98$

 $12345 \times 8 + 5 = 9$

Write the answer A) 987653, 98

- B) 987651, 98
- 0 987650, 98
- D) 987654, 9

(Set - D)

CD-6cm and

118. Find the length of the common tangent of two externally touching circles with rada 10cm and ocm respectively. Find the 9cm respectively,

- A) 12 cm

 - B) 13 cm 24 cm
 - C)
 - 28 cm D)



119. Directions: The pie chart given here represents the domestic expenditure of a family in Directions:

Directions:

Output

Directions:

Outp of the family is Rs. 33,650.



the top of a correct?

ntersect in

The annual savings in the form of provident fund would be

- · A) 48456
 - 48540 B)
 - 44856 C)
 - D) 45480

120. Study the pattern:

$$1 \times 8 + 1 = 9$$

$$12 \times 8 + 2 = 98$$

$$123 \times 8 + 3 = 987$$

$$1234 \times 8 + 4 = 9876$$

$$12345 \times 8 + 5 = 98765$$

12345 6 x 8 + 6

Write the answer for next two steps

- A) 987653, 9876543
- B) 987651, 9876542
- c) 987650, 9876542
- D) 987654, 9876543