

Pre-examination Training for SC/ST/OBC Candidates under Regular Recruitment Drive for Junior Associates
Reasoning Ability & Computer Aptitude - Set 2

S R	Question	Option 1	Option 2	Option 3	Option4	Option5	Ans	Explanation
1	A series is given with one missing. Select the correct alternative from the given ones that will complete the series. W, U, S, Q, ?	M	L	N	O	P	4	W V U T S R Q P <u>Q</u> 1 alphabet missing between each in reverse order.
2	In the following question, from the given alternative words, select the word which cannot be formed using the letters of the given word. Conversational	Rational	Location	Convert	Emotional	None of these	4	There is no M in the keyword

Directions (3-7): Study the information carefully and answer the questions given below.

Six players live in a building having six floors with the ground floor is numbered as first, the topmost floor which is numbered as sixth. Each of them plays different games and likes different colour. D lives above A who does not play archery. There is only one floor between the one who plays football and the one who likes pink colour. The one who likes pink colour lives above the one who plays football. B plays basketball and lives on an even numbered floor. The one who likes pink colour plays either boxing or volleyball. There are three floors between A and D. The one who likes black colour does not play Volleyball. The one who likes white colour lives on the second floor and plays neither basketball nor football. C, who lives above A, likes black colour. The one who plays rugby likes blue colour. The one who plays volleyball lives on an odd numbered floor. There is only one floor between C and A who does not like white colour. E plays boxing

and stays just above the person who plays volleyball. The person who lives on the topmost floor likes either yellow or pink colour. F lives on an even numbered floor and does not likes green colour.							
3	Who among the following lives on 5th floor?	the one who likes black colour	D	the one who plays Rugby	the one who likes yellow colour	C	2
4	Which of the following game played by the one who likes green colour?	Boxing	Rugby	Football	Basketball	Volleyball	4
5	Which of the following true with respect to A?	Volleyball-Pink	Boxing-Yellow	Rugby-Blue	Basketball-Green	Football-Black	3
6	The one who plays Archery lives on which of the following floor?	6	1	3	4	2	5
7	Which of the following statement is not true about E?	E likes yellow colour	Only two persons sit between E and C	E lives on an even numbered floor	The one who likes Green colour lives immediately below E	E plays boxing	4
8	In the number '924831675', how many pairs of the digits have the	4	2	1	3	More than 4	2

Floor	Player	Colour	Game
6	E	Yellow	Boxing
5	D	Pink	Volleyball
4	B	Green	Basketball
3	C	Black	Football
2	F	White	Archery
1	A	Blue	Rugby

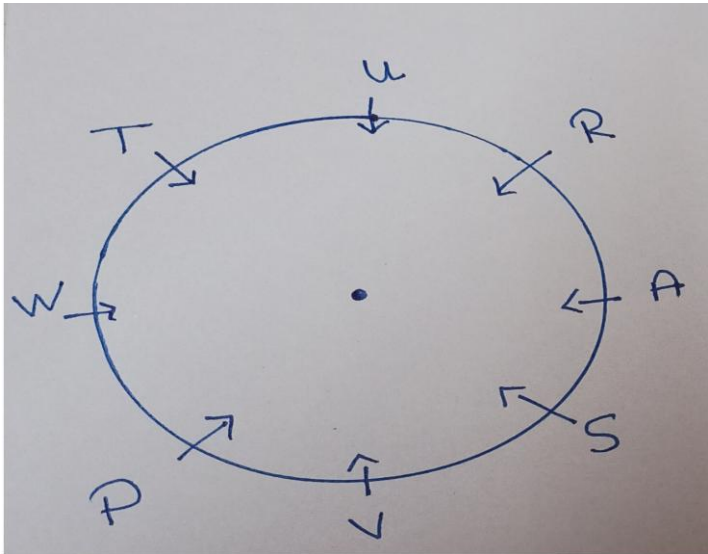
	same number between them (both forward and backward direction) as in the number series?							
Directions (9-13): Read the given alphanumeric-symbol series carefully and answer the related questions:								
O 4 # W U 2 @ 7 R 3 I \$ G % J H 9 B & 5 8 + V N M Ω 6 ¥ 1								
9	Which of the following element is 11th from the right end?	B	5	&	9	J	3	
10	How many numbers are just followed by a letter?	2	4	5	1	3	5	
11	How many symbols are just preceded by a number?	5	4	3	1	2	2	
12	If all the numbers are removed from the series, then which of the following element will be 4th to the right of 5th letter from left end?	G	J	%	H	B	2	
14	Which of the following element is exactly in the	I	\$	G	3	%	5	

	middle of '4' and '5'?																											
Directions (15-19) Study the given information carefully to answer the given questions																												
In a certain code 'it is rush hour traffic' is written as 'sa le do mi ru' 'go to school' is written as 'be no pa', 'one hour to go' is written as 'mi fi pa be', rush to one' is written as 'fi be sa' and 'traffic is fine' is written as 'ga ru do'.																												
15	What is the code for 'fine'?	ga	ru	pa	do	None of these	1	<table><tr><td>Word</td><td>Code</td></tr><tr><td>It</td><td>le</td></tr><tr><td>fine</td><td>ga</td></tr><tr><td>rush</td><td>sa</td></tr><tr><td>hour</td><td>mi</td></tr><tr><td>traffic/is</td><td>ru/do</td></tr><tr><td>to</td><td>be</td></tr><tr><td>one</td><td>fi</td></tr><tr><td>go</td><td>pa</td></tr><tr><td>school</td><td>no</td></tr></table>	Word	Code	It	le	fine	ga	rush	sa	hour	mi	traffic/is	ru/do	to	be	one	fi	go	pa	school	no
Word	Code																											
It	le																											
fine	ga																											
rush	sa																											
hour	mi																											
traffic/is	ru/do																											
to	be																											
one	fi																											
go	pa																											
school	no																											
16	'mi fi le' would mean	it one to	to rush one	rush hour it	it one hour	None of these	4																					
17	What does 'sa' stand for?	rush	traffic	it	is	hour	1																					
18	'ru be pa' would mean:	traffic to go	traffic is to	way is traffic	to traffic way	fine is traffic	1																					
19	What is the code for 'school hour'?	pa fi	no pa	no mi	ga pa	be ga	3																					
Directions for Question (20-24)																												

There is one wrong term in each series given below. Find that wrong term								
20	2, 8, 16, 32, 64, 128, 256	16	8	2	256	32	3	Wrong term = 2 Pattern of series - $4 \times 2 = 8$ $8 \times 2 = 16$ $16 \times 2 = 32$ $32 \times 2 = 64$ $64 \times 2 = 128$ $128 \times 2 = 256$
21	4320, 4337, 4463, 4500, 4844, 4910, 5639	4320	4910	5639	4844	4463	2	Sol. Wrong term = 4910 Pattern of series - 4320, 4337, 4463, 4500, 4844, 4909, 5639 +17 +126 +37 +344 +65 +730 ↑ ↑ ↑ ↑ ↑ ↑ (4 ² +1) (5 ³ +1) (6 ² +1) (7 ³ +1) (8 ² +1) (9 ³ +1)
22	3, 4, 8, 24, 88, 364, 1368	1368	24	88	8	364	5	Wrong term = 364 Pattern of series - 3, 4, 8, 24, 88, 344, 1368 +1 +4 +16 +64 +256 +1024 ↑ ↑ ↑ ↑ ↑ ↑ 2 ⁰ 2 ² 2 ⁴ 2 ⁶ 2 ⁸ 2 ¹⁰
23	758, 777, 818, 855, 896, 939, 986	896	758	986	818	777	5	Wrong term = 777 Pattern of series - 758, 787, 818, 855, 896, 939, 986 +29 +31 +37 +41 +43 +47

24	1736, 1751, 1776, 1821, 1896, 2012, 2176	1751	1821	1896	2012	1736	3	Wrong term = 2012 Pattern of series - 1736, 1751, 1776, 1821, 1896, 2011, 2176 +15 +25 +45 +75 +115 +165 +10 +20 +30 +40 +50
25	If we form a four-letter meaningful word from 1st, 7th, 8th and 11th letter from left end of the word 'AGRICULTURE' (using each letter only once), then what will be the 3rd letter from left end of that meaningful word? If no meaningful word is formed, then mark answer as P and if more than one meaningful word is formed, then mark answer as Q.	L	T	Q	P	A	3	The word is AGRICULTURE . Extract the relevant letters: 1st letter: A 7th letter: T 8th letter: U 11th letter: E The letters available are: A, T, U, E Now, check for meaningful four-letter words that can be formed using these letters: 1. EATU : Not meaningful. 2. TAUE : Not meaningful. 3. TRUE : Meaningful. Since "TRUE" is the only meaningful word that can be formed, the 3rd letter from the left of "TRUE" is U . Answer: U

Directions (26-30): Study the following information carefully and answer the Questions given below:
Eight persons are sitting around a circular table facing to the centre but not necessarily in the same order.
Two persons sit between A and P (either from left or right). R sits immediate to the right of A. One person sits between R and S, who faces to T. A and T are not immediate neighbours of each other. W sits 2nd to the left of V. Three persons sit between U and V.

26	Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?	A-W	P-U	S-W	V-T	A-P	1	
27	Who among the following sits immediate right of U?	W	R	T	S	V	3	
28	The number of persons sit between A and T, when counted to right of A is same as the number of persons sit between W and ____, when counted to the left of ____?	P	S	T	U	NONE	2	
29	Who among the following faces R?	U	V	P	W	A	3	
30	Who among the following sits 3rd to the right of S?	P	U	A	T	NONE	2	

Directions (31-35): Study the information carefully and answer the questions given below.

Seven employees A, B, C, D, E, F and G of a bank are working on seven different designations viz. CEO, GM, DGM, AGM, Manager, Junior Manager and Clerk. All the designations given are to be considered in a given order (as CEO is considered as Senior-most and Clerk is considered as the Junior-most). Not more than two persons are junior to E. Two designations lie between E and B. A is senior to D. C is not CEO. C is Senior to F. More than two persons are senior to A. D is not clerk. C is not GM.

31	Who among the following person is AGM?	B	C	F	D	A	5	<table><tr><th>Designation</th><th>Person</th></tr><tr><td>CEO</td><td>G</td></tr><tr><td>GM</td><td>B</td></tr><tr><td>DGM</td><td>C</td></tr><tr><td>AGM</td><td>A</td></tr><tr><td>Manager</td><td>E</td></tr><tr><td>Junior Manager</td><td>D</td></tr><tr><td>Clerk</td><td>F</td></tr></table>	Designation	Person	CEO	G	GM	B	DGM	C	AGM	A	Manager	E	Junior Manager	D	Clerk	F
Designation	Person																							
CEO	G																							
GM	B																							
DGM	C																							
AGM	A																							
Manager	E																							
Junior Manager	D																							
Clerk	F																							
32	Who among the following is GM?	C	G	B	D	E	3																	
33	How many designations lie between G and D?	3	5	0	4	More than 5	4																	
34	Who among the following is CEO?	G	C	A	D	None of these	1																	
35	Which of the following statement is true regarding F?	F is senior to only one person	D is just junior to F	F is clerk	F is junior to only three persons	None is true	3																	

Directions (36-40) Study the information and answer the following questions:

In a certain code language
'book latest page quiz' is written as ' sx vt fa ba',
'study online book road' is written as ' fa lm mp qa ',
'online practice page update' is written as ' ca mp za vt',
'latest road quiz officer' is written as ' ba ta lm sx',

36	What is the possible code for 'road practice fraud' in the given code language?	ca lm za	lm za ta	ca ba lm	lm ty sx	lm ca yt	5	
37	What is the code for 'page' in the	sx	vt	fa	ba	None of these	2	

	given code language?							<table><tr><th>Word</th><th>Code</th></tr><tr><td>Book</td><td>fa</td></tr><tr><td>Page</td><td>vt</td></tr><tr><td>Quiz/ latest</td><td>ba/sx</td></tr><tr><td>Road</td><td>lm</td></tr><tr><td>Online</td><td>mp</td></tr><tr><td>Study</td><td>qa</td></tr><tr><td>update/practice</td><td>ca/ za</td></tr><tr><td>Officer</td><td>ta</td></tr></table>	Word	Code	Book	fa	Page	vt	Quiz/ latest	ba/sx	Road	lm	Online	mp	Study	qa	update/practice	ca/ za	Officer	ta
Word	Code																									
Book	fa																									
Page	vt																									
Quiz/ latest	ba/sx																									
Road	lm																									
Online	mp																									
Study	qa																									
update/practice	ca/ za																									
Officer	ta																									
38	What is the code for 'online' in the given code language?	Fa	lm	mp	qa	None of these	3																			
39	What is the possible code for 'update latest' in the given code language?	ca za	ca sx	za lm	sx ba	ca lm	2																			
40	What is the code for 'study' in the given code language?	fa	lm	mp	qa	None of these	4																			
41	What is the full form of CPU?	Central Program Unit	Central Processing Unit	Computer Program Unit	Central Processor Unit	None of the above	2	The CPU is the brain of the computer, responsible for executing instructions.																		
42	What is the default file extension for a text file?	.txt	.doc	.pdf	.rtf	.exe	1	The default file extension for a simple text file is .txt.																		
43	Which of the following is used for short-range communication between devices?	Bluetooth	Wi-Fi	Ethernet	LAN	USB	1	Bluetooth is used for short-range communication between devices.																		
44	What does the acronym 'HTTP' stand for?	Hyper Text Transmission	Hyper Text Transfer	High Text Transfer	Hyper Transfer Text Protocol	None of the above	2	HTTP is the protocol used for transferring web pages on the internet.																		

		n Protoc ol	Protoc ol	Protoc ol				
45	Which of the following is an example of a non-volatile memory?	RAM	Cache Memory	ROM	Register	None of the above	3	ROM (Read-Only Memory) is non-volatile, meaning it retains data even when the power is off.
46	Which of the following is the main function of the operating system?	Runnin g applica tions	Providi ng networ k service s	Manag ing hardw are resour ces	Browsin g the web	Performi ng calculati on	3	The operating system is responsible for managing hardware resources like memory, CPU, and input/output devices.
47	What is the full form of 'RAM'?	Read Access Memory	Rando m Access Memory	Real- time Access Memory	Read Active Memory	None of the above	2	RAM is a type of volatile memory that allows data to be read or written in almost the same amount of time regardless of the order in which data items are accessed.
48	What does 'IP' in 'IP Address' stand for?	Interne t Protoc ol	Intern al Proces s	Informat ion Path	Instant Progra m Internet Path	Internet Path	1	An IP address identifies devices on a network using the Internet Protocol for communication.
49	_____ is software which has its source code freely available for use, viewing, modification, and redistribution.	Free Softwa re	Operat ing Syste m	Open Source	Applicati on Softwar e	System Softwar e	3	Open source doesn't just mean access to the source code. The distribution terms of open-source software must facilitate- free Redistribution; it must allow distribution in source code as well as compiled form; the license must allow modifications and derived works; the license must not restrict anyone from making use of the program

50	Which key combination is used to permanently delete a file without sending it to the Recycle Bin?	Shift + Delete	Ctrl + Delete	Alt + Delete	Ctrl + Alt + Delete	None of the above	1	Using Shift + Delete bypasses the Recycle Bin and deletes the file permanently.
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