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Question Report For Placement Aptitude Test 4

Q.No.	Question	Your Answer	Correct Answer	Max. Marks	Your Score	Your Time	Level
1	Find the value of $[(24^2) + (3^6) + (21^2) - 18] \div \sqrt[3]{1728}$	1	144	1.00		36 Mins 47 Sec	Medium
2	Read the following information carefully and answer the questions below it There are six lecturers A, B, C, D, E and F in a college. Each of the lecturers teaches two subjects, one compulsory subject and the other optional subject. D's optional subject is History while three others have it as compulsory subject. E and F have Physics as one of their subjects. F's compulsory subject is Mathematics which is an optional subject of both C and E. History and English are A's subjects , but in terms of compulsory and optional subjects, they are just reverse of those of D's . Chemistry is an optional subject of only one of them. The only female lecturer in the college has English as her compulsory subject. Question 1 What is C's compulsory subject 1) History 2) Physics 3) Chemistry 4) English Question 2 Who is a female member in the group 1) A 2) B 3) C 4) D Question 3 Which of the following has same compulsory and optional subjects as of F's 1) D 2) E 3) A 4) None of these Question 4 Disregarding which is the compulsory and which is the optional subject, who has the same two subject combination as F 1) A 2) B 3) E 4) D Question 5 Which of the following groups has History as the compulsory subject 1) A, C, D 2) B, C, D 3) C, D 4) A, B ,C *(Instructions: Please select the correct answer on the basis of chronology of the given sub question.)	1,4,4,3,4	1,4,4,3,4	1.00	1.00	26 Sec	Medium
3	Read the sentence carefully and try to understand what it is about. Then fill in the blank with the alternatives given. Developing the attitude is very important but where a child can develop the right attitude.	right	right	1.00	1.00	1 Mins 25 Sec	Medium
4	From a group of 7 men and 6 women, five persons are to be selected to form a committee so that at least 3 men are there on the committee. In how many ways can it be done?	756	756	1.00	1.00	23 Sec	Medium
5	A particular goods train runs at a speed of 108 km/hr. It crosses a stationary pole on the way in 13 sec. Find the length of the goods train in meters.	390	390	1.00	1.00	55 Sec	Medium
6	If a selling price of Rs. 2,500 results in a 20% discount off the marked price, then the selling price that would result in a 40% discount off the marked price (in Rs.) will be equal to:	1875	1875	1.00	1.00	1 Mins 10 Sec	Medium
7	457 is what percent of 1382?	0.3303	0.3303	1.00	1.00	1 Mins 8 Sec	Medium

8	They said, "We have lived in this city for many years."	They said that they had lived in this city for many years.	They said that they had lived in this city for many years.	1.00	1.00	24 Sec	Medium
9	A sum of Rs. 5000 deposited by Mr. A at compound interest doubles after 6 years. What will be its value after 18 years?	Rs. 40,000	Rs. 40,000	1.00	1.00	1 Mins 4 Sec	Medium
10	In how many different ways can the letters of the word 'OPTICAL' be arranged so that the vowels always come together?	720	720	1.00	1.00	14 Sec	Medium
11	A bag contains 2 yellow, 3 green and 2 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?	10/21	10/21	1.00	1.00	22 Sec	Medium
12	In the given pair of words there exists some relationship. Find out the option which holds similar relationship to the given pair of words. CAR : ROAD	electricity : cable	electricity : cable	1.00	1.00	22 Sec	Medium
13	A group of children went to play a game of marbles. Amar had 9 marbles, Akbar had 6 marbles and the youngest Anthony had none. So they decided to share their marbles equally among themselves. In return, Anthony offered to give them his 15 Pokémon cards. He gave the cards in the same proportion in which he received the marbles. How many cards did Akbar get from Anthony?	1	3	1.00		1 Mins 9 Sec	Medium
14	If pink is coded as 1691411 in a certain code, how is red coded in this code?	1854	1854	1.00	1.00	45 Sec	Medium
15	30% of the girls living in a society know how to speak French. 25% of the girls are less than or equal to 10 years of age. 12% of the girls above the age of 10 years know how to speak French. What percentage of the girls who know how to speak French, are less than or equal to 10 years of age?	70%	70%	1.00	1.00	1 Mins 5 Sec	Medium
16	If 15 th March, 2003 is Saturday, find the day of the week on 23 rd January, 2005?	Sunday	Sunday	1.00	1.00	1 Mins 9 Sec	Medium
17	If $\log 27 = 1.431$, then the value of $\log 9$ is:	0.954	0.954	1.00	1.00	19 Sec	Medium
18	A bag contains 8 red marbles, 5 blue marbles, and 7 green marbles. If three marbles are drawn at random without replacement, what is the probability of getting one red marble, one blue marble, and one green marble?	72/171	56/171	1.00		51 Sec	Medium
19	In the following question choose the alternative which best expresses the meaning of the given word. ENDORSEMENT	imposition	approval	1.00		56 Sec	Medium
20	Although Dr. Singh had several assistants during his long investigations of Tumni Islands, the bulk of research was done by_____ alone	him	him	1.00	1.00	1 Mins 9 Sec	Medium
21	I. Pooja is older than Mukesh. II. Suresh is older than Pooja. III. Mukesh is older than Suresh. If the first two statements are true, the third statement is	None of these		1.00		15 Sec	Medium
22	A class has girls and boys in the ratio 4 : 5. Every student has taken either mathematics or physics as one of the subjects, but not both. The ratio of girls who have taken mathematics to those who have taken physics is 3 : 1. If the ratio of the students who have taken mathematics to the students who have taken physics in the entire class is 3 : 2, then what percentage of the class comprises boys studying mathematics?	None of these	0.2667	1.00		36 Sec	Medium

23	In the question below are given two statements followed by four conclusions numbered I, II, III and IV. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow from the two given statement. Statements: A. Some glasses are kettles B. All kettles are jugs. Conclusions: I. Some jugs are glasses II. All jugs are kettles III. No jug is a glass IV. Some kettles are not glasses.	Either II or IV follows	Either II or IV follows	1.00	1.00	45 Sec	Medium
24	In the following question, fill in the blank with the appropriate phrase given below the sentence. The reporters eagerly..... the speech made by Obama.	took down	took down	1.00	1.00	16 Sec	Medium
25	1. Maria reached office at 10 O' clock after sending the money. 2. Maria's parents needed some money. 3. After that, she spent almost half an hour at the Post Office. 4. So, she went to bank to withdraw some money. 5. However, she had no money with her.Which of the following should come third in the paragraph?	4	4	1.00	1.00	54 Sec	Medium
26	Panic gripped the people A. of the village B. beside the city C. on Friday D. after the terrorist attack	ABCD	ABCD	1.00	1.00	12 Sec	Medium
27	Find the value of x^2 , if $\frac{1}{4x + \{1/(x + 1/4)\}} = 1/3$	0.04	0.0625	1.00		1 Mins 7 Sec	Medium
28	A pipe can fill a tank in 3 hours. However, due to a leakage, it takes an additional 1 hour to fill the tank. How long will the leakage alone take to fill the tank if it is completely empty?	12 hours	12 hours	1.00	1.00	22 Sec	Medium
29	In the question below are given two statements followed by four conclusions numbered I, II, III and IV. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow from the two given statement. Statements: A. All books are magazines B. All newspapers are magazines. Conclusions: I. Some magazines are books II. Some magazines are newspapers. III. Some magazine is either book or newspapers. IV. All magazines are book as well as newspapers.	Only I follow	Only I and II follow	1.00		12 Sec	Medium
30	'3 4 5' is coded as 'Sunday is Holiday', '674' is coded as 'come on Sunday' 751 is coded as 'Holiday will come'. Then what is coded to 'is'?	3	3	1.00	1.00	42 Sec	Medium
31	Pointing to a man, a woman says, "He is the brother-in-law of the only son of my mother-in-law's husband." How is the woman related to the man?	wife	sister	1.00		1 Mins 6 Sec	Medium
32	What is the probability of getting a number less than 4 when a die is rolled?	1/2	1/2	1.00	1.00	12 Sec	Medium
33	Read the sentence carefully and then fill in the blank with the alternatives given. In earlier days, a handicraftsman, the typical labourers received a certainfor the work he did. His efforts were mostly to his own betterment.	satisfaction	remuneration	1.00		11 Sec	Medium
34	A bag contains 8 red balls, 5 green balls, and 3 blue balls. If two balls are drawn at random without replacement, what is the probability of getting both balls of the same color?	13/48	27/80	1.00		19 Sec	Medium
35	Ram and Shyam have been given a task of painting a house for Rs. 800. With the help of Rita, they complete the job in just 3 days. Had Ram alone be doing the task, he would need 6 days. If Shyam alone would be doing the task, he would need 8 days. How much money will Rita get?	Rs. 100	Rs. 100	1.00	1.00	25 Sec	Medium
36	78 is divided into two parts such that the ratio between those two parts is 7:6. Find the product of those two parts.	2808	1512	1.00		27 Sec	Medium
37	To cry wolf	to give a false alarm	to give a false alarm	1.00	1.00	13 Sec	Medium

38	Read the each sentence to find out whether there is any grammatical error in it. The error, if any will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is 'D'. (Ignore the errors of punctuation, if any).	to take the interest in the school	to take the interest in the school	1.00	1.00	9 Sec	Medium
39	'MOTIVATION' is coded as 'NOUIWAUIPN', then 'STRONG' is coded as?	TTSOOG	TTSOOG	1.00	1.00	1 Mins 58 Sec	Medium
40	If a man does 40% of the work in 12 days, then how many days will he take to complete the same work 5 times?	130 Days	150 Days	1.00		52 Sec	Medium
41	In the following question choose the alternative which is opposite in meaning to the given word OPAQUE	transparent	transparent	1.00	1.00	29 Sec	Medium
42	A race always has	Rivals	Rivals	1.00	1.00	27 Sec	Medium
43	In the following question choose the alternative which best expresses the meaning of the given word. EXASPERATION	irritation	irritation	1.00	1.00	22 Sec	Medium
44	He was very tired as he is working since 6 O' clock in the morning.	he has been working	he has been working	1.00	1.00	5 Mins 46 Sec	Medium
45	The given sentence has been broken into 4 parts. In the following sentence one part has a grammatical error. Identify which part is not acceptable in Standard English.	are available, many people still	Despite of	1.00		1 Mins 13 Sec	Medium
46	'P' means '+', 'Q' means '-', 'R' means '+', 'S' means '-', then find the value of the expression 18R14Q2P7S3R13P4 ?	116	116	1.00	1.00	35 Sec	Medium
47	If A alone completes a project in 6 days and B alone completes the same project in 4 days, then in how many days will they complete the project if they both work together?	2.4	2.4	1.00	1.00	39 Sec	Medium
48	In the following question, a group of three interrelated word is given. Choose a word from the given alternatives that belongs to the same group. breeze : Cyclone : : drizzle: ?	downpour	downpour	1.00	1.00	22 Sec	Medium

49	<p>Read the following passage and answer the questions:</p> <p>Throughout the extensive areas of the tropics the tall and stately primeval forest has given way to eroded land, scrub, and the jumble of secondary growth. Just as the virgin forests of Europe and North America were laid low by man's improvidence, so those of the tropics are now vanishing only their destruction may be encompassed in decades instead of centuries. A few authorities hold that, except for government reserves, the earth's great rain forest may vanish within a generation. The economic loss will be incalculable, for the primary rain forests are rich sources of timber (mahogany, teak) and such by-products are resins, gums, cellulose, camphor and rattans. No one, indeed can compute their resources, for the thousands of species that compose the forest cover, there are only a few whose physical and chemical properties have been studied with a view to commercial use. Most important of all, the primeval rain forest is a reservoir of specimens, a dynamic centre of evolution which the rest of the world's plant life has been continually enriched with new forms. These extensive reserves must be defended from the acquisitive hand of man, whose ruthless axe would expose them to the ravages of sun and rain.</p> <p>Question 1</p> <p>The ideas of the author would probably be the most strongly supported by</p> <ol style="list-style-type: none"> 1) lumber company representatives 2) conservationists and botanists 3) chemical manufacturers 4) government representatives <p>Question 2</p> <p>According to the passage, the result of chopping down the tropical rain forest is</p> <ol style="list-style-type: none"> 1) an increase in government reserves 2) a surge in plant evolution 3) damage to the soil 4) a decrease of commercial exploitation <p>Question 3</p> <p>'Only their destruction may be encompassed in decades instead of centuries' means that the destruction of forests</p> <ol style="list-style-type: none"> 1) will take only a few decades 2) will happen in this century 3) will be surely by the next century 4) will take place in a decade <p><i>*(Instructions: Please select the correct answer on the basis of chronology of the given sub question.)</i></p>	2,3,1	2,4,1	1.00		1 Mins 34 Sec	Medium
50	A student bought 20 chocolates for one rupee. How many should he sell for Rs. 3 to earn a 20% profit?	50	50	1.00	1.00	1 Mins 20 Sec	Medium
51	In the following question, fill in the blank with the appropriate phrase given below the sentence. This photo clearly.....the difference between the two brothers	brings out	brings out	1.00	1.00	27 Sec	Medium

52	In the given pair of words there exists some relationship. Find out the option which holds similar relationship to the given pair of words. SCRIBBLE : WRITE :: STAMMER : ?	speak	speak	1.00	1.00	1 Mins 46 Sec	Medium
53	Manoj is the brother of Deepak. Rekha is the sister of Seema. Deepak is the son of Rekha. How is Manoj related to Rekha?	Son	Son	1.00	1.00	22 Sec	Medium
54	A certain amount of money is lent out at compound interest at the rate of 20% per annum for two years, compounded annually. It would give Rs. 241 more if the amount is compounded half yearly. Find the principal	Rs. 20,000	Rs. 10,000	1.00		10 Sec	Medium
55the timely medical attention, the patient would have died	But for	But for	1.00	1.00	15 Sec	Medium
56	The given sentence has been broken into 4 parts. In the following sentence one part has a grammatical error. Identify which part is not acceptable in Standard English	tailor birds use their	To building	1.00		26 Sec	Medium
57	Find the sum of the roots of the equation $x^4 - 2x^2 + 1 = 0$.	-1		1.00		1 Mins 5 Sec	Medium
58	Which number would replace the underline mark in the series 20, 40, 100, <u> </u> , 820?	280	280	1.00	1.00	15 Sec	Medium
59	Two trains are running in opposite directions and they are 120 m and 210 m long respectively. Find the time taken (approximately) for the two trains to cross each other if they are running with speeds 50 km/hr and 70 km/hr respectively?	20 sec	10 sec	1.00		21 Sec	Medium
60	Statements: I) Some parrots are owls. II) All owls are pigeons. III) All pigeons are snakes. Conclusion: i) Some parrots are pigeons ii) Some pigeons are parrots iii) All owls are snakes	All follow	All follow	1.00	1.00	-	Medium