

**DU JAT BMS BBA N BA Business Economics 01**

Sr.No	Question Id	Question Description	Question Body	Options
1	14794	DU_J19_J AT01_Q01	In an ellipse, the distance between its foci is 6 and minor axis is 8. Then its eccentricity is	29173: $\frac{3}{5}$ ,  29174: $\frac{1}{2}$ ,  29175: $\frac{4}{5}$ ,  29176: $\frac{3}{4}$ ,

2	14795	DU_J19_J AT01_Q02	A(2,-1,3), E(4,-5,9) and B(7,-11,18) are three collinear points. E lies between A and B. The ratio in which E divides AB is	<p>29177:1 : 2 ,</p> <p>29178:2 : 3 ,</p> <p>29179:3 : 2 ,</p> <p>29180:2 : 1 ,</p>
3	14796	DU_J19_J AT01_Q03	If $f(x)$ is an odd function, then $ f(x) $ is	<p>29181:an odd function ,</p> <p>29182:an even function ,</p>

				29183:neither odd nor even ,
				29184:even and odd,
4	14878	DU_J19_J AT01_Q04	<p>If <math>g</math> is the inverse of a function <math>f</math> and <math>f'(x) = \frac{1}{1+x^5}</math>, then <math>g'(x)</math> is equal to</p>	<p>29509: , <math>1 + x^5</math></p> <p>29510: , <math>4x^4</math></p> <p>29511: , <math>1/[1 + \{g(x)\}^5]</math></p> <p>29512: , <math>1 + \{g(x)\}^5</math></p>

5	14798	DU_J19_J AT01_Q05	Differentiation of $\log x \cdot \sin x$	<p>29189: <math>(\sin x) \cdot (1/x)</math> ,</p> <p>29190: <math>(\cos x) \cdot (\sin x) + \log x</math> ,</p> <p>29191: <math>(\sin x) \cdot (1/x) + (\log x) \cdot (\cos x)</math> ,</p> <p>29192: <math>(\cos x) \cdot (-1/x) + 1/\log x</math> ,</p>
6	14799	DU_J19_J AT01_Q06	The conjugate of a complex number is $1/(i-1)$ . Then the complex number is	<p>29193: <math>-1/(i-1)</math> ,</p> <p>29194: <math>1/(i+1)</math> ,</p>

			29195: $1/(i-1)$ ,
			29196: $-1/(i+1)$ ,
7	14879	DU_J19_J AT01_Q07	<p>29513: , <math>A^2 = I</math></p> <p>29514: , <math>A^2 = -I</math></p> <p>29515: , <math>A^2 = 2I</math></p> <p>29516: , None of these</p>

Given  $= \begin{bmatrix} 1 & -1 \\ 2 & -1 \end{bmatrix}$ , which of the following results is true?

8	14801	DU_J19_J AT01_Q08	<p>A man takes 6 hours 15 minutes in walking a distance and riding back to starting place. He could walk both ways in 7 hours 45 minutes. The time taken by him to ride back both ways is:</p>	<p>29201:4 hours,</p> <p>29202:4 hours 30 mins,</p> <p>29203:4 hours 45 mins,</p> <p>29204:5 hours,</p>
9	14880	DU_J19_J AT01_Q09	<p>If the points with position vectors <math>60\hat{i} + 3\hat{j}</math>, <math>40\hat{i} - 8\hat{j}</math> and <math>a\hat{i} - 52\hat{j}</math> are collinear, then the value of a is:</p>	<p>29517:20,</p> <p>29518:-20,</p>

				29519:-40,
				29520:40,
10	14803	DU_J19_J AT01_Q10	ABCD is a rectangle where the ratio of the lengths AB and BC is 3:2. If P is the midpoint of AB then the value of the sine of $\angle CPB$ is:	29209:3/5 ,  29210:2/5 ,  29211:4/5 ,  29212:None of these ,

11	14881	DU_J19_J AT01_Q11	<p>If the following function is continuous at <math>x = 3</math>, then the value of 'k' is -</p> $f(x) = \begin{cases} \frac{(x+3)^2 - 36}{x-3}, & x \neq 3 \\ k, & x = 3 \end{cases}$	<p>29521:6,</p> <p>29522:3,</p> <p>29523:9,</p> <p>29524:12,</p>
12	14882	DU_J19_J AT01_Q12	<p>If <math>\int_1^a (3x^2 + 2x + 1) dx = 11</math>, then the value of a is -</p>	<p>29525:0,</p> <p>29526:1,</p>

			29527:2,
			29528:3,
13	14883	DU_J19_J AT01_Q13	<p>Find the local maxima or minima of the function: <math>f(x) = \sin x + \cos x</math>, where</p> <p><math>0 &lt; x &lt; 90</math></p>
			29529:, $\frac{3\pi}{4}$
			29530:, $\frac{\pi}{4}$
			29531:, $\frac{\pi}{2}$
			29532:, $\frac{2\pi}{3}$

14	14884	DU_J19_J AT01_Q14	<p>The value of the expression <math>\sin^{-1}[\cos\{\sin^{-1}(-\frac{\sqrt{3}}{2})\}]</math> is</p>	<p>29533:<math>\pi</math> ,</p> <p>29534:<math>\pi/2</math> ,</p> <p>29535:<math>\pi/4</math> ,</p> <p>29536:<math>\pi/6</math> ,</p>
15	14885	DU_J19_J AT01_Q15	<p>The value of the expression <math>\tan^{-1}(\tan \frac{3\pi}{4})</math> is</p>	<p>29537:<math>\pi/6</math> ,</p> <p>29538:- <math>\pi/6</math> ,</p>

				29539: $\pi/4$ ,
				29540: $-\pi/4$ ,
16	14886	DU_J19_J AT01_Q16	The angle between two vectors $\vec{a}$ and $\vec{b}$ with magnitudes $\sqrt{3}$ and 2 respectively, such that $\vec{a} \cdot \vec{b} = \sqrt{6}$ is -	29541: , $\frac{3\pi}{4}$ 29542: , $\frac{\pi}{4}$ 29543: , $\frac{\pi}{2}$ 29544: , $\frac{2\pi}{3}$

17	14887	DU_J19_J AT01_Q17	<p>The slope of the normal to the plane <math>x_5 + 3y + \lambda_5</math> at (1,1) is</p>	<p>29545: <math>5/2,</math></p> <p>29546: <math>-5/2,</math></p> <p>29547: <math>-2/5,</math></p> <p>29548: <math>2/5,</math></p>
18	14888	DU_J19_J AT01_Q18	<p>The existence of the unique solution of the following system of equation depends on:</p> $x + y + z = \alpha$ $5x - y + \delta z = 10$ $2x + 3y - z = 6$	<p>29549: <math>\delta ,</math></p> <p>29550: <math>\alpha ,</math></p>

			29551:Both $\delta$ and $\alpha$ ,
			29552:Neither $\delta$ nor $\alpha$ ,
19	14889	DU_J19_J AT01_Q19	<p>Find the matrix <math>z</math> such that <math>2x + y + z = 0</math> where  <math>x = \begin{bmatrix} -1 &amp; 2 \\ 3 &amp; 4 \end{bmatrix}</math> and <math>y = \begin{bmatrix} 3 &amp; -2 \\ 1 &amp; 5 \end{bmatrix}</math></p> <p>29553:, <math>\begin{bmatrix} 1 &amp; 2 \\ 7 &amp; 13 \end{bmatrix}</math></p> <p>29554:, <math>\begin{bmatrix} -1 &amp; 2 \\ -7 &amp; 13 \end{bmatrix}</math></p> <p>29555:, <math>\begin{bmatrix} 1 &amp; -2 \\ 7 &amp; -13 \end{bmatrix}</math></p> <p>29556:, <math>\begin{bmatrix} -1 &amp; -2 \\ -7 &amp; -13 \end{bmatrix}</math></p>

20	14890	DU_J19_J AT01_Q20	<p>let <math>f: R \rightarrow R</math> be defined as <math>f(x) = \begin{cases} 4x &amp; \text{if } x &gt; 5 \\ x^2 &amp; \text{if } 1 &lt; x \leq 5 \\ 6x &amp; \text{if } x \leq 1 \end{cases}</math></p> <p>then <math>f(-6) + f(8) + f(7) = ?</math></p>	<p>29557:24,</p> <p>29558:40,</p> <p>29559:81,</p> <p>29560:60,</p>
21	14897	DU_J19_J AT01_Q21	<p>Which statement is correct (i) Derivative of an even function is an odd function (ii) Derivative of an odd function is an even function</p>	<p>29585:Only (i) ,</p> <p>29586:Only (ii) ,</p>

				29587:Both (i) and (ii) ,  29588:None ,
22	14892	DU_J19_J AT01_Q22	The total revenue received from the sale of x units of a product is given by $R(x) = 7x^2 + 14x + 10$ What is the marginal revenue when $x = 10$ units?	29565:140,  29566:28,  29567:64,  29568:154,

23	14893	DU_J19_J AT01_Q23	<p style="text-align: center;">Match the following:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Function</th> <th>Range</th> </tr> </thead> <tbody> <tr> <td>(1) <math>\sin^{-1}</math></td> <td>(i) <math>[0, \pi]</math></td> </tr> <tr> <td>(2) <math>\cos^{-1}</math></td> <td>(ii) <math>\left[\frac{-\pi}{2}, \frac{\pi}{2}\right]</math></td> </tr> <tr> <td>(3) <math>\tan^{-1}</math></td> <td>(iii) <math>\left(\frac{-\pi}{2}, \frac{\pi}{2}\right)</math></td> </tr> <tr> <td>(4) <math>\cot^{-1}</math></td> <td>(iv) <math>(0, \pi)</math></td> </tr> </tbody> </table>	Function	Range	(1) $\sin^{-1}$	(i) $[0, \pi]$	(2) $\cos^{-1}$	(ii) $\left[\frac{-\pi}{2}, \frac{\pi}{2}\right]$	(3) $\tan^{-1}$	(iii) $\left(\frac{-\pi}{2}, \frac{\pi}{2}\right)$	(4) $\cot^{-1}$	(iv) $(0, \pi)$	<p>29569:(1)-(ii), (2)-(i), (3)-(iii), 4-(iv),</p> <p>29570:(1)-(iv), (2)-(i), (3)-(iii), 4-(ii),</p> <p>29571:(1)-(iii), (2)-(ii), (3)-(i), (4)-(iv),</p> <p>29572:(1)-(iii), (2)-(ii), (3)-(iv), (4)-(i),</p>
Function	Range													
(1) $\sin^{-1}$	(i) $[0, \pi]$													
(2) $\cos^{-1}$	(ii) $\left[\frac{-\pi}{2}, \frac{\pi}{2}\right]$													
(3) $\tan^{-1}$	(iii) $\left(\frac{-\pi}{2}, \frac{\pi}{2}\right)$													
(4) $\cot^{-1}$	(iv) $(0, \pi)$													
24	14894	DU_J19_J AT01_Q24	<p style="text-align: center;">Evaluate <math>\begin{vmatrix} \log_3 64 &amp; \log_4 3 \\ \log_3 8 &amp; \log_4 9 \end{vmatrix}</math></p>	<p>29573:1.5,</p> <p>29574:4.5,</p>										

				29575:6.5,
				29576:7.5,
25	14818	DU_J19_J AT01_Q25	The tangents to the curve $y=2x^5-9$ at point $x =1$ and $-1$ are	29269:Perpendicular ,  29270:Parallel ,  29271:Cannot be determined ,  29272:Overlapping ,

26	14819	DU_J19_J AT01_Q26	In which of the following forms of market is the industry dominated by few firms?	<p>29273:Perfect Competition ,</p> <p>29274:Monopoly ,</p> <p>29275:Oligopoly ,</p> <p>29276:Monopolistic Competition ,</p>
27	14820	DU_J19_J AT01_Q27	Which of the following taxes is levied by the Gram Panchayats?	<p>29277:Sales Tax ,</p> <p>29278:Land Revenue Tax ,</p>

				29279:Tax on Local Fairs ,  29280:None of these ,
28	14821	DU_J19_J AT01_Q28	According to UNEP, 'Green Economy' includes which of the following?	29281:Resource efficiency ,  29282:Low carbon growth ,  29283:Social inclusion ,  29284:All of these ,

29	14822	DU_J19_J AT01_Q29	Which city was awarded Best Capital City in the Solid Waste Management in the Swachh Survekshan 2018 rankings?	<p>29285:Hyderabad,</p> <p>29286:Pune,</p> <p>29287:Delhi,</p> <p>29288:Bengaluru,</p>
30	14823	DU_J19_J AT01_Q30	Recently the Maldives' highest honour "Rule of Nishan Izzuddeen" has been conferred to	<p>29289:Ibrahim Mohamed Solih (President of Maldives) ,</p> <p>29290:Narendra Modi (Prime minister of India) ,</p>

				29291:Bidhya Devi Bhandari (President of Nepal) ,  29292:Xi Jinping (President of China) ,
31	14824	DU_J19_J AT01_Q31	Who among the following is the youngest Indian woman to win on the Ladies European Tour in Cape Town, South Africa in 2019?	29293:Diksha Dagar,  29294:Sharmila Nicollet,  29295:Anisha Padukone,  29296:Aditi Ashok,

32	14825	DU_J19_J AT01_Q32	In May 2019 which one of the following states has launched the Aroma Mission for the agriculture and allied sector?	29297:Gujarat,  29298:Haryana,  29299:Meghalaya,  29300:Andhra Pradesh,
33	14826	DU_J19_J AT01_Q33	"Power of Simplicity" is the punch line of Tally, then "Sense & Simplicity" is the tagline of which company	29301:Phillips,  29302:Sony,

				29303:Samsung,  29304:LG,
34	14827	DU_J19_J AT01_Q34	Twelfth WTO Ministerial Conference (MC12) will take place in	29305:September 2019 at New Delhi, India ,  29306:December 2019 at Tokyo, Japan,  29307:March 2020 at Buenos Aires, Argentina,  29308:June 2020 at Astana, Kazakhstan,

35	14828	DU_J19_J AT01_Q35	Which is the largest Bank of the world on the basis of their total assets	29309:Industrial and Commercial Bank of China,  29310:HSBC Holdings,  29311:JPMorgan Chase & Co,  29312:Mitsubishi UFJ Financial Group,
36	14829	DU_J19_J AT01_Q36	Which of the following SAARC member nation is not the member of BIMSTEC?	29313:India,  29314:Pakistan,

				29315:Sri Lanka,  29316:Bangladesh ,
37	14830	DU_J19_J AT01_Q37	The Government has launched the UDYAMI helpline for which among the following?	29317:Large capital industries,  29318:Female entrepreneurs,  29319:Farmers introducing technology in Farming,  29320:Micro, small & medium size enterprises,

38	14831	DU_J19_J AT01_Q38	Indian economist Gita Gopinath gained recognition recently as she was appointed the	<p>29321:CEO of Apple Inc. ,</p> <p>29322:Chief Economist of World Bank ,</p> <p>29323:Chief Economist of IMF ,</p> <p>29324:Marketing head of Google ,</p>
39	14832	DU_J19_J AT01_Q39	The older name for which one of the following banks was the Imperial Bank of India?	<p>29325:Union Bank of India ,</p> <p>29326:State Bank of India ,</p>

				29327:Central Bank of India ,  29328:Punjab National Bank ,
40	14833	DU_J19_J AT01_Q40	Who were made the first ever brand ambassadors of e-commerce fashion portal, Myntra in May 2019?	29329:Ranbir Kapoor and Deepika Padukone,  29330:Virat Kohli and Anushka Sharma,  29331:Ranbir Kapoor and Alia Bhatt ,  29332:Ranveer Singh and Anushka Sharma,

41	14834	DU_J19_J AT01_Q41	Which of the following recently resumed its flights to Pakistan after 10 years?	29333:Emirates,  29334:Air India,  29335:Jet Airways,  29336:British Airways ,
42	14835	DU_J19_J AT01_Q42	The Parliament of which of the following, approved the ban on single use plastics in 2019?	29337:Europe ,  29338:USA ,

				29339:India ,  29340:Germany ,
43	14836	DU_J19_J AT01_Q43	Olympics 2020 will be held in	29341:China,  29342:Indonesia,  29343:South Africa,  29344:Japan,

44	14837	DU_J19_J AT01_Q44	'Glanza' is a car model introduced by	29345:Hyundai ,  29346:Ford ,  29347:Mitsubishi ,  29348:Toyota ,
45	14838	DU_J19_J AT01_Q45	The severe cyclone that struck Orissa recently was named	29349:Fani,  29350:Vayu,

				29351:Gaza,  29352:Lisa ,
46	14839	DU_J19_J AT01_Q46	SDG, in the context of development agenda proposed by the United Nations, stands for:	29353:Sustainable Development Goals ,  29354:Swift Development Goals ,  29355:Software Development Guidelines ,  29356:None of these ,

47	14840	DU_J19_J AT01_Q47	Ayushman Bharat Yojna launched by Central Government of India is meant for	<p>29357:Educational requirements of the poor citizens of India ,</p> <p>29358:Food requirements of the poor citizens of India ,</p> <p>29359:Health care requirements of the poor citizens of India ,</p> <p>29360:All of these ,</p>
48	14841	DU_J19_J AT01_Q48	Which of the following companies recently introduced a 26 week paternity leave for its employees?	<p>29361:Swiggy,</p> <p>29362:FoodPanda,</p>

				29363:Zomato,  29364:Uber Eats,
49	14842	DU_J19_J AT01_Q49	Which state of India has recently created the posts for five deputy chief ministers?	29365:Andhra Pradesh ,  29366:Karnataka ,  29367:Odissa ,  29368:Bihar ,

50	14843	DU_J19_J AT01_Q50	Who established GoodWeave as the first voluntary labelling, monitoring and certification system of rugs manufactured without the use of child-labour in South Asia?	29369:APJ Abdul Kalam,  29370:Kailash Satyarthi,  29371:Smriti Irani,  29372:Anna Hazare,
51	14844	DU_J19_J AT01_Q51	<b>Choose the correct meaning of the following idiom:</b> To read between the lines	29373:to learn quickly ,  29374:to have a good sight ,

				29375:to understand the hidden meaning ,  29376:None of these ,
52	14845	DU_J19_J AT01_Q52	<b>Choose the correct meaning of the following idiom:</b> Break the ice	29377:To do something with courage ,  29378:To win a prize ,  29379:To speak first after long silence ,  29380:To win some one's heart ,

53	14846	DU_J19_J AT01_Q53	<p><b>In the following questions some parts of a sentence have been jumbled up. You are required to rearrange these parts marked as P,Q,R and S. Choose the proper sequence.</b> Though he dialled frequently P: on telephone Q: my brother could not contact me R: and left no information S: as I had gone out of office The proper sequence should be:</p>	<p>29381:QPRS ,</p> <p>29382:SQRP ,</p> <p>29383:QPSR ,</p> <p>29384:SPQR,</p>
54	14847	DU_J19_J AT01_Q54	<p><b>In the following questions some parts of a sentence have been jumbled up. You are required to rearrange these parts marked as P,Q,R and S. Choose the proper sequence.</b> The grocer P: did not listen to the protests of the customer Q: who was in the habit of weighing less R: whom he had cheated S: with great audacity The proper sequence should be:</p>	<p>29385:PRSQ,</p> <p>29386:QSPR ,</p>

				29387:QPRS ,  29388:PQSR,
55	14848	DU_J19_J AT01_Q55	<b>Choose the correct spelling:</b>	29389:Auxillary,  29390:Auxiliary,  29391:Auxilleary,  29392:Auxilary,

56	14849	DU_J19_J AT01_Q56	<b>Choose the correct spelling:</b>	29393:Jurisdiction,  29394:Juresdiction,  29395:Jurisdection,  29396:Juriesdiction,
57	14850	DU_J19_J AT01_Q57	<b>Choose the correct spelling:</b>	29397:Manuver,  29398:Manneuver,

				29399:Maneuvere,  29400:Manoeuvre,
58	14851	DU_J19_J AT01_Q58	<b>Choose the most suitable word for the given phrase.</b> "Remedy for all disease" is	29401:Medicine,  29402:Medical,  29403:Medica,  29404:Panacea,

59	14852	DU_J19_J AT01_Q59	<b>Choose the most suitable word for the given phrase.</b> "Failing to discharge one's duty"	29405:Honourary ,  29406:Destitution ,  29407:Dereliction ,  29408:Restitution ,
60	14853	DU_J19_J AT01_Q60	<b>Find the word that is closest in meaning to the word given in capital.</b> FUDDLE	29409:Focus ,  29410:Confuse ,

				29411:Cheat ,
				29412:Fudge,
61	14854	DU_J19_J AT01_Q61	<b>Find the word that is closest in meaning to the word given in capital. LOQUACITY</b>	29413:misery ,  29414:fantasy ,  29415:repetition ,  29416:talkativeness,

62	14855	DU_J19_J AT01_Q62	<p><b>Choose the option which best fits the blank to complete the sentence.</b> The truck was _____ the traffic and the policeman asked the driver to move off.</p>	<p>29417:failing ,</p> <p>29418:obstructing ,</p> <p>29419:obviating ,</p> <p>29420:disturbing ,</p>
63	14856	DU_J19_J AT01_Q63	<p><b>Choose the option which best fits the blank to complete the sentence.</b> Although he had never learned to read, his exceptional memory and enquiring mind eventually made him a very _____ man.</p>	<p>29421:Dedicated ,</p> <p>29422:Erudite ,</p>

				29423:Pragmatic ,
				29424:Benevolent,
64	14857	DU_J19_J AT01_Q64	<p><b>Complete the second sentence so that it is similar in meaning to the first. Use the word after the double slash (//) to complete the blank.</b> It isn't necessary to bring skis as they are included in the package.</p> <p>-&gt; You _____ bring skis as they are included in the package. // <b>have</b></p>	<p>29425:have to,</p> <p>29426:absolutely have to,</p> <p>29427:must have to,</p> <p>29428:don't have to,</p>

65	14858	DU_J19_J AT01_Q65	<p><b>Complete the second sentence so that it is similar in meaning to the first. Use the word after the double slash (//) to complete the blank.</b> I thought parking was allowed here. -&gt; I _____ that parking was allowed here. // <b>under</b></p>	<p>29429:was under the impression,</p> <p>29430:under the impression,</p> <p>29431:am under the impression,</p> <p>29432:happen to be under the impression,</p>
66	14859	DU_J19_J AT01_Q66	<p><b>In the following question, select the word which is opposite in meaning to the given word.</b>Subsequent</p>	<p>29433:Eventual ,</p> <p>29434:Succeeding ,</p>

				29435:Prior ,  29436:Comparative,
67	14860	DU_J19_J AT01_Q67	<b>In the following question, select the word which is opposite in meaning to the given word.</b> Orthodox	29437:Revolutionary ,  29438:Conservative ,  29439:Conformist ,  29440:Generous,

68	14861	DU_J19_J AT01_Q68	<p><b>Choose the correct reported speech version of the statement:</b> Tom said, 'I want to visit my friends this weekend.'</p>	<p>29441:Tom said he wants to visit his friends that weekend.,</p> <p>29442:Tom said he wanted to visit his friends that weekend.,</p> <p>29443:Tom says he wants to visit his friends this weekend.,</p> <p>29444:Tom said he wants to visit his friends this weekend.,</p>
69	14862	DU_J19_J AT01_Q69	<p><b>Choose the correct reported speech version of the statement:</b> Jerry said, 'I'm studying English a lot at the moment.'</p>	<p>29445:Jerry said he was studying English a lot at that moment.,</p> <p>29446:Jerry says he was studying English a lot at the moment.,</p>

				<p>29447:Jerry said I was studying English a lot at that moment.,</p> <p>29448:Jerry said that I was studying a lot of English at the moment. ,</p>
70	14863	DU_J19_J AT01_Q70	<p><b>Choose the most suitable word for the following:</b> Synonym of EXTRAVAGANCE</p>	<p>29449:Dainty,</p> <p>29450:Troop,</p> <p>29451:Waste,</p> <p>29452:Saving,</p>

71	14864	DU_J19_J AT01_Q71	<p>In the question given below, there are two statements labelled as Assertion (A) and Reason (R). Mark your answer as per the codes provided below: <b>Assertion (A):</b> We prefer to wear white clothes in winter. <b>Reasons (R):</b> White clothes are good reflector of heat.</p>	<p>29453:Both A and R are true and R is the correct explanation of A. ,</p> <p>29454:Both A and R are true but R is not the correct explanation of A ,</p> <p>29455:A is true but R is false. ,</p> <p>29456:A is false but R is true. ,</p>
72	14865	DU_J19_J AT01_Q72	<p>Identify the next term of the series. DMP, FLN, HKL, JJJ, ---</p>	<p>29457:LIH,</p> <p>29458:MII,</p>

				29459:III,
				29460:MIF,
73	14866	DU_J19_J AT01_Q73	P, Q, R, S, T and U are sitting in a circle, P is to the left of R, Q is between S and T and U is between S and R. Who is to the left of Q?	29461:R,  29462:S,  29463:T,  29464:P,

74	14867	DU_J19_J AT01_Q74	<p><b>From the given statements, select the set of conclusions which logically follows.</b> <i>Statement I</i> Some kids are stupid. <i>Statement II</i> All stupid are boys. <i>Conclusion I</i> All kids are boys. <i>Conclusion II</i> Some boys are kids. <i>Conclusion III</i> Some boys are stupid. <i>Conclusion IV</i> All stupid are kids.</p>	<p>29465:Only conclusion I follows. ,</p> <p>29466:Only conclusions I, II and III follow. ,</p> <p>29467:Only conclusions II and III follow. ,</p> <p>29468:All conclusions are correct. ,</p>
75	14868	DU_J19_J AT01_Q75	<p>In a queue, Rohan is 14th from the front and Jaya is 17th from the end, while Rahul is exactly in middle of Rohan and Jaya. If Rohan is ahead of Jaya and there are 48 people in the queue, how many people are there between Rohan and Rahul?</p>	<p>29469:5,</p> <p>29470:6,</p>

				29471:7,
				29472:8,
76	14869	DU_J19_J AT01_Q76	In the given series, find the wrong/ mis-fit number 3, 10, 41, 206, 1236, 8660	29473:10,  29474:1236,  29475:206,  29476:41,

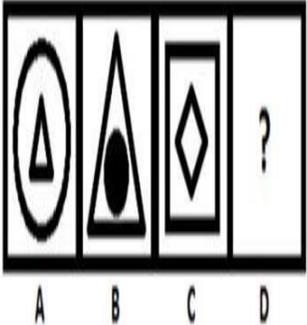
77	14870	DU_J19_J AT01_Q77	<p><b>Study the given arrangement carefully and answer the question. #</b>  6 B G @ I L 73 H A % D F K E 8 J Q 1 * V T U 2 \$ W Three of the following four are alike in a certain way based on the positions of their elements in the above arrangement and so form a group. Which is the one that does not belong to the group?</p>	29477:IL@,  29478:AH%,  29479:QJ1,  29480:V*T,
78	14871	DU_J19_J AT01_Q78	<p>In a certain code 'This is the tree' is written as 2153, 'the green tree' is written as 573 and 'tree of life' is 309. What is the symbol for "The" ?</p>	29481:2,  29482:3,

				29483:5,  29484:0,
79	14872	DU_J19_J AT01_Q79	IF PRATAP could be given the code number 1618120116 then what code number can be given to NAVIN?	29485:73957614,  29486:24639125,  29487:14122914,  29488:14274651,

80	14873	DU_J19_J AT01_Q80	In the question below numbers are given out of which three are similar and one is different. Choose the odd one out.	29489:34:43 ,  29490:55:62 ,  29491:62:71 ,  29492:83:92 ,
81	14874	DU_J19_J AT01_Q81	<b>Choose the conclusions which logically follow from the given statements. Statements:</b> All pencils are sharpeners. No sharpener is eraser. Some books are pencils. <b>Conclusions:</b> I. Some erasers are pencils. II. Some erasers are books. III. Some sharpeners are books. IV. No eraser is book.	29493:Only either II or III, and IV follow,  29494:Only either II or IV, and III follow ,

				29495:Only either II or IV, and I follow ,  29496:Only either II or IV follows.,
82	14875	DU_J19_J AT01_Q82	Choose the next number in the series from the options below <b>-4,3,- 11,10,?</b>	29497:-27,  29498:-18,  29499:18,  29500:-35,

83	14876	DU_J19_J AT01_Q83	<p>In the following letter series, some of the letters are missing which are given in that order as one of the alternatives below it. Choose the correct alternative. _ baa _ aa _ aab _</p>	<p>29501:baba,</p> <p>29502:bbab,</p> <p>29503:aabb,</p> <p>29504:abba,</p>
84	14895	DU_J19_J AT01_Q84	<p>The following question consists of two sets of figures. Figures A, B, C and D constitute the Problem Set while figures a), b), c) and d) constitute the Answer Set. There is a definite relationship between figures A and B. Establish a similar relationship between figures C and D by selecting a suitable figure from the Answer Set that would replace the question mark (?) in figure (D).</p>	<p>29577:,</p>  <p>a)</p> <p>29578:,</p>  <p>b)</p>

				<p>29579:,</p>  <p>c)</p> <p>29580:,</p>  <p>d)</p>
85	14899	DU_J19_J AT01_Q85	<p><b>Read the passage below and answer the question that follows:</b> The world is now warmer than at almost any time since the end of the last ice age and, on present trends, will continue to reach a record high for the entire period since the dawn of civilization, a study has found. The study published in the journal Science, aims to give a global overview of Earth's temperatures over the past 11,300 years - a relatively balmy period known as the Holocene that began after the last major ice age ended and encompasses all of recorded human civilization. Their data (compiled by studying such things as ice cores, fossils and ocean sediment) looked back over a much longer era than previous research, which went back 1,500 years. Scientists say it is further evidence that modern-day global warming isn't natural, but the result of rising carbon dioxide emissions that have rapidly grown since the Industrial Revolution began roughly 250 years ago. Scientists say that if natural factors were still governing the climate, the Northern Hemisphere would probably be destined to freeze over again in several thousand years. Instead, scientists believe the enormous increase in greenhouse gases caused by industrialization will almost certainly prevent that. Shaun Marcott, a geologist at Oregon State University, says "global temperatures are warmer than about 75 percent of anything we've seen over the last 11,000 years or so." The other way to look at that is, 25 percent of the time since the last ice age, it's been warmer than now. It's taken just 100 years for the average temperature to change by 1.3 degrees, when it took 5,000 years to do that before. By the end of the century, climate warming models predict an additional increase of 2 to 11.5 degrees, due largely to carbon emissions, the study</p>	<p>29593:1,500 years ago,</p> <p>29594:The Holocene,</p> <p>29595:The Northern Hemisphere,</p> <p>29596:The Industrial Revolution,</p>

86	14900	DU_J19_J AT01_Q86	<p><b>Read the passage below and answer the question that follows:</b> The world is now warmer than at almost any time since the end of the last ice age and, on present trends, will continue to reach a record high for the entire period since the dawn of civilization, a study has found. The study published in the journal Science, aims to give a global overview of Earth's temperatures over the past 11,300 years - a relatively balmy period known as the Holocene that began after the last major ice age ended and encompasses all of recorded human civilization. Their data (compiled by studying such things as ice cores, fossils and ocean sediment) looked back over a much longer era than previous research, which went back 1,500 years. Scientists say it is further evidence that modern-day global warming isn't natural, but the result of rising carbon dioxide emissions that have rapidly grown since the Industrial Revolution began roughly 250 years ago. Scientists say that if natural factors were still governing the climate, the Northern Hemisphere would probably be destined to freeze over again in several thousand years. Instead, scientists believe the enormous increase in greenhouse gases caused by industrialization will almost certainly prevent that. Shaun Marcott, a geologist at Oregon State University, says "global temperatures are warmer than about 75 percent of anything we've seen over the last 11,000 years or so." The other way to look at that is, 25 percent of the time since the last ice age, it's been warmer than now. It's taken just 100 years for the average temperature to change by 1.3 degrees, when it took 5,000 years to do that before. By the end of the century, climate warming models predict an additional increase of 2 to 11.5 degrees, due largely to carbon emissions, the study</p>	<p>29597:Increase ,</p> <p>29598:Encompass ,</p> <p>29599:Balmy ,</p> <p>29600:Enormous ,</p>
87	14901	DU_J19_J AT01_Q87	<p><b>Read the passage below and answer the question that follows:</b> The world is now warmer than at almost any time since the end of the last ice age and, on present trends, will continue to reach a record high for the entire period since the dawn of civilization, a study has found. The study published in the journal Science, aims to give a global overview of Earth's temperatures over the past 11,300 years - a relatively balmy period known as the Holocene that began after the last major ice age ended and encompasses all of recorded human civilization. Their data (compiled by studying such things as ice cores, fossils and ocean sediment) looked back over a much longer era than previous research, which went back 1,500 years. Scientists say it is further evidence that modern-day global warming isn't natural, but the result of rising carbon dioxide emissions that have rapidly grown since the Industrial Revolution began roughly 250</p>	<p>29601:carbon emissions ,</p> <p>29602:natural factors ,</p>

			<p>that have rapidly grown since the Industrial Revolution began roughly 250 years ago. Scientists say that if natural factors were still governing the climate, the Northern Hemisphere would probably be destined to freeze over again in several thousand years. Instead, scientists believe the enormous increase in greenhouse gases caused by industrialization will almost certainly prevent that. Shaun Marcott, a geologist at Oregon State University, says "global temperatures are warmer than about 75 percent of anything we've seen over the last 11,000 years or so." The other way to look at that is, 25 percent of the time since the last ice age, it's been warmer than now. It's taken just 100 years for the average temperature to change by 1.3 degrees, when it took 5,000 years to do that before. By the end of the century, climate warming models predict an additional increase of 2 to 11.5 degrees, due largely to carbon emissions, the study</p>	<p>29603:increased greenhouse gases ,</p> <p>29604:none of these ,</p>
88	14902	DU_J19_J AT01_Q88	<p><b>Read the passage below and answer the question that follows:</b> The world is now warmer than at almost any time since the end of the last ice age and, on present trends, will continue to reach a record high for the entire period since the dawn of civilization, a study has found. The study published in the journal Science, aims to give a global overview of Earth's temperatures over the past 11,300 years - a relatively balmy period known as the Holocene that began after the last major ice age ended and encompasses all of recorded human civilization. Their data (compiled by studying such things as ice cores, fossils and ocean sediment) looked back over a much longer era than previous research, which went back 1,500 years. Scientists say it is further evidence that modern-day global warming isn't natural, but the result of rising carbon dioxide emissions that have rapidly grown since the Industrial Revolution began roughly 250 years ago. Scientists say that if natural factors were still governing the climate, the Northern Hemisphere would probably be destined to freeze over again in several thousand years. Instead, scientists believe the enormous increase in greenhouse gases caused by industrialization will almost certainly prevent that. Shaun Marcott, a geologist at Oregon State University, says "global temperatures are warmer than about 75 percent of anything we've seen over the last 11,000 years or so." The other way to look at that is, 25 percent of the time since the last ice age, it's been warmer than now. It's taken just 100 years for the average temperature to change by 1.3 degrees, when it took 5,000 years to do that before. By the end of the century, climate warming models predict an additional increase of 2 to 11.5 degrees, due largely to carbon emissions, the study</p>	<p>29605:100%,</p> <p>29606:25%,</p> <p>29607:50%,</p> <p>29608:75%,</p>

89	14903	DU_J19_J AT01_Q89	<p><b>Read the passage below and answer the question that follows:</b> The world is now warmer than at almost any time since the end of the last ice age and, on present trends, will continue to reach a record high for the entire period since the dawn of civilization, a study has found. The study published in the journal Science, aims to give a global overview of Earth's temperatures over the past 11,300 years - a relatively balmy period known as the Holocene that began after the last major ice age ended and encompasses all of recorded human civilization. Their data (compiled by studying such things as ice cores, fossils and ocean sediment) looked back over a much longer era than previous research, which went back 1,500 years. Scientists say it is further evidence that modern-day global warming isn't natural, but the result of rising carbon dioxide emissions that have rapidly grown since the Industrial Revolution began roughly 250 years ago. Scientists say that if natural factors were still governing the climate, the Northern Hemisphere would probably be destined to freeze over again in several thousand years. Instead, scientists believe the enormous increase in greenhouse gases caused by industrialization will almost certainly prevent that. Shaun Marcott, a geologist at Oregon State University, says "global temperatures are warmer than about 75 percent of anything we've seen over the last 11,000 years or so." The other way to look at that is, 25 percent of the time since the last ice age, it's been warmer than now. It's taken just 100 years for the average temperature to change by 1.3 degrees, when it took 5,000 years to do that before. By the end of the century, climate warming models predict an additional increase of 2 to 11.5 degrees, due largely to carbon emissions, the study</p>	<p>29609:11000 years,</p> <p>29610:100 years,</p> <p>29611:5000 years,</p> <p>29612:250 years,</p>
90	14905	DU_J19_J AT01_Q90	<p><b>Study the following information and answer the question given below:</b> Three ladies and four men are a group of friends i.e. P, K, R, Q, J, V and X. Each one has a different profession i.e. Lawyer, Travel Agent, Air-hostess, Doctor, Professor, Consultant and Jeweller and each one owns a different car i.e. Alto, Corolla, Santro, Lancer, Ikon, Scorpio and Esteem, not necessarily in that order. None of the ladies is a Consultant or Lawyer. R is an Air-hostess and she owns an Ikon car. P owns a Scorpio. K is not a Doctor. J is a Jeweller and he owns Corolla. V is a Lawyer and does not own Alto. X is a Consultant and owns Santro. The doctor owns Esteem car whereas the Professor owns Scorpio. The Travel Agent owns an Alto. None of the ladies owns a Scorpio. Who are the three ladies in the group?</p>	<p>29617:V, R, K ,</p> <p>29618:R, P, J ,</p>

				29619:R, K, Q ,
				29620:Data inadequate ,
91	14906	DU_J19_J AT01_Q91	<p><b>Study the following information and answer the question given below:</b> Three ladies and four men are a group of friends i.e. P, K, R, Q, J, V and X. Each one has a different profession i.e. Lawyer, Travel Agent, Air-hostess, Doctor, Professor, Consultant and Jeweller and each one owns a different car i.e. Alto, Corolla, Santro, Lancer, Ikon, Scorpio and Esteem, not necessarily in that order. None of the ladies is a Consultant or Lawyer. R is an Air-hostess and she owns an Ikon car. P owns a Scorpio. K is not a Doctor. J is a Jeweller and he owns Corolla. V is a Lawyer and does not own Alto. X is a Consultant and owns Santro. The doctor owns Esteem car whereas the Professor owns Scorpio. The Travel Agent owns an Alto. None of the ladies owns a Scorpio. What car does Q own?</p>	<p>29621:Esteem,</p> <p>29622:Lancer,</p> <p>29623:Alto,</p> <p>29624:Santro,</p>

92	14907	DU_J19_J AT01_Q92	<p><b>Study the following information and answer the question given below:</b> Three ladies and four men are a group of friends i.e. P, K, R, Q, J, V and X. Each one has a different profession i.e. Lawyer, Travel Agent, Air-hostess, Doctor, Professor, Consultant and Jeweller and each one owns a different car i.e. Alto, Corolla, Santro, Lancer, Ikon, Scorpio and Esteem, not necessarily in that order. None of the ladies is a Consultant or Lawyer. R is an Air-hostess and she owns an Ikon car. P owns a Scorpio. K is not a Doctor. J is a Jeweller and he owns Corolla. V is a Lawyer and does not own Alto. X is a Consultant and owns Santro. The doctor owns Esteem car whereas the Professor owns Scorpio. The Travel Agent owns an Alto. None of the ladies owns a Scorpio. Who owns the car Lancer?</p>	<p>29625:V ,</p> <p>29626:X ,</p> <p>29627:K ,</p> <p>29628:Data inadequate ,</p>
93	14908	DU_J19_J AT01_Q93	<p><b>Study the following information and answer the question given below:</b> Three ladies and four men are a group of friends i.e. P, K, R, Q, J, V and X. Each one has a different profession i.e. Lawyer, Travel Agent, Air-hostess, Doctor, Professor, Consultant and Jeweller and each one owns a different car i.e. Alto, Corolla, Santro, Lancer, Ikon, Scorpio and Esteem, not necessarily in that order. None of the ladies is a Consultant or Lawyer. R is an Air-hostess and she owns an Ikon car. P owns a Scorpio. K is not a Doctor. J is a Jeweller and he owns Corolla. V is a Lawyer and does not own Alto. X is a Consultant and owns Santro. The doctor owns Esteem car whereas the Professor owns Scorpio. The Travel Agent owns an Alto. None of the ladies owns a Scorpio. What is the profession of K?</p>	<p>29629:Doctor,</p> <p>29630:Professor,</p>

				29631:Travel Agent,
				29632:Data inadequate,
94	14910	DU_J19_J AT01_Q94	<p><b>Use the following information to answer the given question:</b> In a certain code "made a wise choice" is written as '4 2 1 6', "always made on order" is written as '5 0 4 8', "order a must here" is written as '9 5 7 1' and "here on my choice" is written as '3 8 2 9' What is the code for "here"?</p>	<p>29637:9 ,</p> <p>29638:1 ,</p> <p>29639:7 ,</p> <p>29640:5 ,</p>

95	14911	DU_J19_J AT01_Q95	<p><b>Use the following information to answer the given question:</b> In a certain code "made a wise choice" is written as '4 2 1 6', "always made on order" is written as '5 0 4 8', "order a must here" is written as '9 5 7 1' and "here on my choice" is written as '3 8 2 9' Which of the following may represents "order my choice"</p>	<p>29641:5 3 1 ,</p> <p>29642:2 7 3 ,</p> <p>29643:9 2 5 ,</p> <p>29644:5 7 2 ,</p>
96	14912	DU_J19_J AT01_Q96	<p><b>Use the following information to answer the given question:</b> In a certain code "made a wise choice" is written as '4 2 1 6', "always made on order" is written as '5 0 4 8', "order a must here" is written as '9 5 7 1' and "here on my choice" is written as '3 8 2 9' What does "0" (zero) stand for?</p>	<p>29645:Order ,</p> <p>29646:Always ,</p>

				29647:On ,
				29648:Made ,
97	14913	DU_J19_J AT01_Q97	<p><b>Use the following information to answer the given question:</b> In a certain code "made a wise choice" is written as '4 2 1 6', "always made on order" is written as '5 0 4 8', "order a must here" is written as '9 5 7 1' and "here on my choice" is written as '3 8 2 9' What is the code for "wise"?</p>	<p>29649:4 ,</p> <p>29650:2 ,</p> <p>29651:1 ,</p> <p>29652:6 ,</p>

98	14917	DU_J19_J AT01_Q10 0	<p><b>Read the information given below and answer the question that follows:</b> Seven students A, B, C, D, E, F and G reach college in a particular sequence. F reaches immediately before A but not after D. C is the last one to reach office. E follows immediately after A and is subsequently followed by G. B does not arrive after F. Who arrives immediately after person G?</p>	<p>29665:C,</p> <p>29666:D,</p> <p>29667:A,</p> <p>29668:F,</p>
99	14915	DU_J19_J AT01_Q98	<p><b>Read the information given below and answer the question that follows:</b> Seven students A, B, C, D, E, F and G reach college in a particular sequence. F reaches immediately before A but not after D. C is the last one to reach office. E follows immediately after A and is subsequently followed by G. B does not arrive after F. Who is the second last person to reach office?</p>	<p>29657:A,</p> <p>29658:C,</p>

				29659:D,
				29660:B,
100	14916	DU_J19_J AT01_Q99	<p><b>Read the information given below and answer the question that follows:</b> Seven students A, B, C, D, E, F and G reach college in a particular sequence. F reaches immediately before A but not after D. C is the last one to reach office. E follows immediately after A and is subsequently followed by G. B does not arrive after F. Who ranks second in the sequence of reaching office?</p>	<p>29661:F ,</p> <p>29662:G ,</p> <p>29663:E ,</p> <p>29664:None of these ,</p>