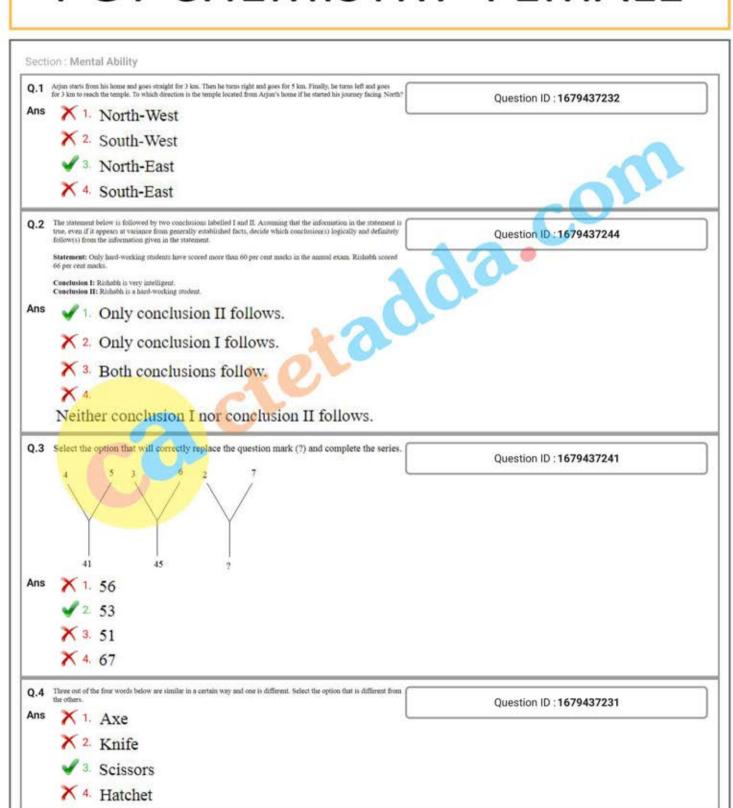
DSSSB JULY 2018 PGT CHEMISTRY FEMALE



Q.5	Select the option that is related to the third term in the same way as the second term is related to the first term.	Question ID : 1679437228
Ans	Bicycle: Ride:: Boat:?	
Alls	X 1. Pull	
	× 2. Push	
	× 3. Float	
	✓ 4. Row	
Q.6	The statement below is followed by two arguments labelled I and II. Read the arguments in relation with the statement and identify the strong argument. Assume that all information in the given statements is true.	Ougation ID :1670427042
	Statement: Children under the age of 12 years should not be allowed to use mobile phones.	Question ID : 1679437243
	Argument I: Mobile phones are expensive and all children cannot afford them. Argument II: By using mobile phones, children under 12 years can get exposed to harmful radiation.	
Ans	★ 1. Both arguments are strong.	
	✓ 2. Only argument II is strong.	
	★ 3. Only argument I is strong.	
	× 4.	
	Neither argument I nor argument II is strong.	
Q.7	Six friends, Aman, Bipin, Chhagan, Jagan, Magan, and Tapan, are sitting around a circular table facing one another, such that each friend is seated exactly opposite another friend. Aman does not sit next to Bipin or Tapan. Magan sits to Tapan's immediate right. Chhagan is sitting opposite Magan. Jagan is sitting to Aman's immediate right.	Question ID : 1679437235
	Between whom is Bipin sitting?	
Ans	✓ 1. Tapan and Chhagan	A'a
	× 2. Magan and Jagan	
	X 3. Tapan and Jagan	
	X 4. Chhagan and Aman	
70	, , emilgar and man	
Q.8	If '+' is replaced by '\$'; if '*' is replaced by '&'; '-' is replaced by '@'; and '+' replaced by '#', find the value of the following equation.	Question ID : 1679437238
	217\$7&4#5@6	
Ans	1. 123	
	X 2, 135	
	X 3. 121	
	× 4. 131	
Q.9	Six friends, Aman, Bipin, Chhagan, Jagan, Magan, and Tapan, are sitting around a circular table facing one another, such that each friend is seated exactly opposite another friend. Aman does not sit next to Bipin or Tapan, Magan sits to Tapan's immediate right. Chhagan is sitting opposite Magan. Jagan is sitting to Aman's immediate right.	Question ID : 1679437236
	Who is sitting exactly opposite Tapan?	
Ans	X 1. Aman	
	× 2. Magan	
	X 3. Chhagan	
	✓ 4. Jagan	
	▼ + Jagan	
Q.10	In this question, two statements labelled I and II are given. Read both the statements and decide which option correctly shows the relationship between these given statements.	Overetion ID 11670107016
	Statement I: The government has banned fishing in the lake.	Question ID : 1679437246
Ans	Statement II: High amount of hazardous toxins were found in the lake water.	
Aila	Both the statements I and II are effects of independent causes.	
	X 2.	

	Both the statements I and II are independent causes.	
	✓ 3.	
	Statement II is the cause and statement I is its effect.	
	× 4.	
	Statement I is the cause and statement II is its effect.	
Q.11	Select the option that is related to the third term in the same way as the second term is related to the first term.	Outpublica ID 11670427220
	234:24::456:?	Question ID : 1679437230
Ans	X 1. 240	
	× 2. 56	
	✓ 3. 120	
	× 4. 60	
Q.12	Select the option that is related to the third term in the same way as the second term is related to the first term.	
(25.0)	5:25::9:?	Question ID : 1679437229
Ans	√ 1. 81	
	× 2. 54	
	★ 3. 90	
	★ 4. 63	
0.13	What will came in place of the blank in the source?	
	What will come in place of the blank in the series?	Question ID : 1679437240
	1, 3, 7, 15, 31, 63,	
Ans	X 1. 125	
	✓ 2. 127	
	× 3. 157	
	X 4. 112	
	A 4. 112	
Q.14	Misha starts from her home and goes straight for 2 km. Then she turns right and goes for 3 km. Finally, she turns left and goes for 2 km to reach the mall. What is the shortest distance between Misha's home and the mall?	Question ID : 1679437233
Ans	× 1. 3.5 km	
	× 2. 4.5 km	
	× 3. 6 km	
	✓ 4. 5 km	
- 100 m	10 0000 (00000000)	
Q.15	Study the following scenario (situation) and answer the question that follows. You are playing cricket with your friends near your home. When you hit the ball with your bat, the ball hits and breaks the	Question ID : 1679437245
Ans	window pane of a neighbour. Select the option that describes the most appropriate action that you will take in this situation. 1.	
7.110	Sneak into the neighbour's house and get the ball quietly	
	✓ 2.	
	Apologise to the concerned neighbour and offer to clean the mess and replace the broken glass	
	X 3.	
	Blame the bowler who had thrown a bouncer at you	
	★ 4.	
	Ask the fielder to get the ball as he was responsible for stopping the ball	
Q.16		

Question ID: 1679437242

	In this question, two statements are given, which are followed by two conclusions numbered 1 and 2. Take the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follow(s) from the given statements, disregarding commonly known facts. Statements:	
	All songs are stories. Some stories are novels.	
	Conclusions: 1. All novels are stories. 2. Some stories are songs.	
Ans	X 1.	
	Neither conclusion 1 nor conclusion 2 follows.	
	× 2. Only conclusion 1 follows.	
	3. Only conclusion 2 follows.	
	X 4. Both conclusion 1 and conclusion 2 follow.	
	Karan said to Navika, "Your father's mother's only daughter-in-law is my sister." How is Karan related to Navika's mother?	Question ID : 1679437227
Ans	X 1. Spouse	
	× 2. Brother-in-law	
	X 4. Cousin	
Q.18	In a code language, FEDERAL is coded as GDEDSZM. How will GENETIC be coded in that language?	Question ID:1679437237
Ans	✓ 1. HDODUHD	
	× 2. EDOFUHD	70
	X 3. FFMFSJB	105
	X 4. HFODSJB	
Q.19	Six friends are riding horses. Visajirao rides faster than Dipajirao. Prataprao rides faster than Visajirao. Dipajirao rides faster than Hilal but slower than Vithalrao. Vithalrao does not ride as fast as Visajirao. Who among the following rides the fastest?	Question ID : 1679437239
Q.19 Ans	Six friends are riding horses. Visajirao rides faster than Dipajirao. Prataprao rides faster than Visajirao. Dipajirao rides faster than Hilal but slower than Vithalrao. Vithalrao does not ride as fast as Visajirao. Who among the following rides the fastest? 1. Vithalrao	Question ID : 1679437239
183626		Question ID : 1679437239
183626	× 1. Vithalrao	Question ID : 1679437239
183626	✓ 1. Vithalrao✓ 2. Prataprao	Question ID : 1679437239
Ans	 ✓ 1. Vithalrao ✓ 2. Prataprao ✓ 3. Dipajirao 	
Ans	 X 1. Vithalrao ✓ 2. Prataprao X 3. Dipajirao X 4. Visajirao 	Question ID : 1679437239 Question ID : 1679437234
Ans	 Vithalrao 2. Prataprao 3. Dipajirao Visajirao Select the diagram that best represents the relationship among the terms given below:	
Ans	 Vithalrao 2. Prataprao 3. Dipajirao Visajirao Select the diagram that best represents the relationship among the terms given below:	
Ans	 Vithalrao 2. Prataprao 3. Dipajirao Visajirao Select the diagram that best represents the relationship among the terms given below:	
Ans	 Vithalrao 2. Prataprao 3. Dipajirao Visajirao Select the diagram that best represents the relationship among the terms given below:	
Ans	 Vithalrao 2. Prataprao 3. Dipajirao Visajirao Select the diagram that best represents the relationship among the terms given below:	
Ans	 Vithalrao 2. Prataprao 3. Dipajirao Visajirao Select the diagram that best represents the relationship among the terms given below:	
Ans	 Vithalrao 2. Prataprao 3. Dipajirao Visajirao Select the diagram that best represents the relationship among the terms given below:	
Ans	 Vithalrao 2. Prataprao 3. Dipajirao Visajirao Select the diagram that best represents the relationship among the terms given below:	
Ans	 Vithalrao 2. Prataprao 3. Dipajirao Visajirao Select the diagram that best represents the relationship among the terms given below:	
Ans Q.20	 Vithalrao Prataprao 3. Dipajirao Visajirao Select the diagram that best represents the relationship among the terms given below: Lahore, Asia, Pakistan 1. 	



√ 3. TCS

Section : General Awareness		
Q.1 Ans	Who was the First Speaker of the First Lok Sabha? 1. Sardar Hukam Singh	Question ID : 1679437254
	× 2. Bali Ram Bhagat	
	 ✗ 3. Gurdial Singh ✓ 4. Ganesh Vasudev Mavalankar 	
Q.2	Who among the following national leaders attended the second Round Table Conference on behalf of the Indian National Congress in 1931?	Question ID : 1679437249
Ans	 X 1. Sardar Patel ✓ 2. Mahatma Gandhi X 3. Jawahar Lal Nehru X 4. Maulana Abul Kalam Azad 	93.co
Q.3 Ans	How many Olympic Medals has India won in the sport of Wrestling as on June 2018? 1. 7 2. 3 3. 2 4. 5	Question ID : 1679437261
Q.4 Ans	The noted dancer Ranjana Gauhar is an exponent of which of the following dance styles? 1. Kathak 2. Bharatnatyam 3. Odissi 4. Kuchipudi	Question ID : 1679437258
Q.5 Ans	Which of the following rivers ends in the Arabian Sea? 1. Brahmaputra 2. Ganga 3. Narmada 4. Kaveri	Question ID : 1679437251
Q.6 Ans	Which among the following has become India's first \$100 billion market capitalisation IT company? 1. Satyam 2. Accenture	Question ID : 1679437265

	× 4. Wipro	
Q.7	Who among the following is the Vice Chairperson of NITI Aayog as on June 2018?	Question ID : 1679437256
Ans	X 1. Amitabh Kant	Question ID : 16/943/256
	✓ 2. Rajiv Kumar	
	× 3. Ramesh Chand	
	X 4. VK Paul	
Q.8	In which state is the Onam festival primarily celebrated?	Question ID : 1679437257
Ans	X 1. Tamil Nadu	
	✓ 2. Kerala	
	X 3. Telangana	
	× 4. Karnataka	
Q.9	The Indian Councils Act of 1909 is also known as the:	Question ID : 1679437248
Ans	★ 1. the Pitts India Act	GOOD TO THE CONTRACT OF THE CO
	× 2. the Indian Independence Act	
	X 3. the Regulating Act ✓	
	✓ 4. the Morley-Minto Reforms	
Q.10	What is the number of members in UNESCO as on June 2018?	Question ID : 1679437263
Ans	✓ 1. 195	question is . 1677-16725
	X 2. 163	
	X 3. 112	
	X 4. 67	
55.5	Who was the last Viceroy and the first Governor General of independent India?	Question ID : 1679437247
Ans	X 1 Lord Wavell	
	X 2. Lord Reading	
	X 3. Lord Curzon	
	✓ 4. Lord Mountbatten	
Q.12	Which among the following Indian cities has NOT figured in the list of world's 20 most polluted cities in terms of particulate matter PM2.5 levels?	Question ID : 1679437266
Ans	X 1. Agra ───────────────────────────────────	
	✓ 2. Chandigarh	
	× 3. Patna	
	× 4. Gurgaon	
Q.13	Fundamental Duties (under Article 51A) were added to the Constitution by the Amendment of the Constitution.	Question ID : 1679437252
Ans	✓ 1. 42 nd	,
	× 2. 44 th	

	× 3. 7 th	
	× 4. 11 th	
Q.14	The paintings and sculptures of Ajanta Caves in Maharashtra are related to which of the following religions?	Question ID : 1679437259
Ans	× 1. Hinduism	Question ID . 10/943/239
	× 2. Zoroastrianism	
	× 3. Jainism	
	✓ 4. Buddhism	
Q.15	provides provisions in case of failure of constitutional machinery in States.	Question ID : 1679437253
Ans	✓ 1. Article 356	
	× 2. Article 350	
	× 3. Article 351	
	X 4. Article 333	
Q.16	Which of the following works as the best fire extinguisher?	Question ID : 1679437262
Ans	X 1. 0 ₂	
	× 2. CO	100
	√ 3. CO₂	Ao
	× 4. SO ₂	
Q.17	Minimum Support Prices are decided by:	Question ID : 1679437255
Ans	X 1. Ministry of Finance ↓	
	X 2. NITI Aayog	
	× 3. Fiscal Prudence Commission	
	✓ 4 Cabinet Committee on Economic Affairs	
0.18		
Ans	What was the Crude Oil growth rate of India in March 2018?	Question ID : 1679437264
Alis	★ 1. <u>-0.7%</u> ★ 21.6%	
	× 3. −3.8%	
	X 4. −2.3%	
0.10	TO STANSON CO.	
	What is the total length of India's coastline?	Question ID : 1679437250
Ans	▼ /31/ KIII	
	× 2. 6517 km	
	× 3. 5517 km	
	× 4. 8517 km	
X144550	What is the highest ever medal tally achieved by India at Commonwealth Games?	Question ID : 1679437260
Ans	× 1. 126	Managered 1999, Str. Electric Strate Text 5, 75 Feb.
	√ 2. 101	

Section: Arithmetic Ability

Q.1

The value of $\frac{5}{7}$ of $\left[\frac{1}{1\frac{3}{7}} + \frac{6}{5} \text{ of } \frac{3\frac{1}{3} - 2\frac{1}{2}}{2\frac{5}{21} - 2}\right] + \left[\frac{7}{5 - 2\frac{2}{3}} \div \frac{3 - \frac{2}{3 - 1\frac{1}{2}}}{4 - 1\frac{1}{2}}\right]$ is:

Question ID: 1679437270

Ans

- X 1. 4
- V 2. 8
- X 3. 16
- X 4. 2

Q.2 A boat takes 3 hours more to travel a distance of 30 km upstream than it takes to travel the same distance downstream. If the speed of the boat in still water is three times the speed of the stream, then how much time will it take to travel a distance downstream. If the speed of the boat in still water is three times the speed of the stream, then how much time will it take to travel a distance of 180 km in still water?

Question ID: 1679437279

Ans

- √ 1. 24 hours
- X 2. 20 hours
- X 3. 25 hours
- X 4. 18 hours

Q.3 The number of boys is 50% more than the number of girls in a school. If 20% of the number of boys and 30% of the number of girls are scholarship holders, then the percentage of students who are NOT scholarship holders is:

Question ID: 1679437273

Ans

- X 1. 72
- X 3. 75
- V 4. 76

Q.4 The ratio of the incomes of A, B and C last year was 3:50.7. The ratios of their individual incomes last year to that this year are 2:3,3:4 and 4:5, respectively. If their total present income is ₹83,650, then what is the present income of C?

Question ID: 1679437272

Ans

- X 1. ₹ 12,600
- X 2. ₹28,000
- √ 3. ₹ 36,750
- X 4. ₹ 32,640

Q.5 The HCF of two numbers is 18 and their product is 5832. If the numbers lie between 30 and 200, then the sum of their

Question ID: 1679437277

Ans

- 1. 11/324
- $\times 2. \frac{7}{162}$
- \times 3. $\frac{11}{162}$
- \times 4. $\frac{7}{324}$

Q.6

```
Question ID: 1679437268
        The value of \frac{(1.01)^3 + 0.000001}{1.0201 - (0.01)^2} \times \frac{(7.85)^2 - 4.6225}{7.85 - 2.15} is:
Ans
         X 1. 0.0101
          X 2. 1.01
          X 3. 0.00101

√ 4. 10.101

Q.7
        On simplification, \frac{(625)^{6.25} \times (\sqrt{5})^{10.4}}{(\sqrt{5})^{54} \times (5)^{1.2} \times (25)^{0.5}} reduces to:
                                                                                                                                         Ouestion ID: 1679437269
Ans
        X 1. 25
          V 2. 5
         X 3. √5
         X 4. 5√5
0.8 Let x and y be the largest four-digit and the smallest five-digit numbers, respectively, that when divided by 789 leaves a
                                                                                                                                         Question ID: 1679437267
        remainder of 7 in each case. What is the value of |x - y|?
Ans
          X 1. 786
          X 2. 798
          3. 789
          X 4. 678
Q.9 A can complete a task in 6 more days than what B takes to complete the same task. B starts the task and works for 4 days. Then, A alone completes it in 12 days. The time taken (in days) by B alone to complete the same task will be:
                                                                                                                                         Question ID: 1679437280
Ans
          X 1. 10
          X 2. 16
           X 3. 15
           4.12
Q.10 A sum amounts to ₹9,680 in 2 years and ₹10,648 in 3 years at a certain rate per annum, interest compounded yearly. The
         same sum will amount to how much after 3 years at double the rate of interest (nearest to a whole number)?
                                                                                                                                         Question ID: 1679437275
Ans
         × 1. ₹15.989
          X 2. ₹15,889

√ 3. ₹15,898

          X 4. ₹15.988
Q.11 Let x be the least number that when divided by 16, 28, 40 and 77 leaves a remainder of 7 in each case, but is divisible by 19. What will be the remainder when x is divided by 219?
                                                                                                                                         Question ID: 1679437278
Ans
           1. 91
          X 2. 19
          X 3. 69
          X 4. 37
Q.12 The marked price of an article is ₹1,600. A retailer buys it after getting two successive discounts for ₹1,080. The first
        discount is 25%. If the retailer sells the article by allowing a single discount that is 150% of the second discount on the marked price. The percentage of profit is approximately:
                                                                                                                                         Question ID: 1679437274
Ans
          X 1. 30
           X 2. 22
```



X 4. 24

Q.13 In a school, the ages of $\frac{1}{r}$ of the total number of students is less than 10 years. 60 girls are more than 10 years of age and this number is equal to $\frac{3}{2}$ of the number of boys who are more than 10 years of age. What is $\frac{3}{2}$ of the total number of students?

Ouestion ID: 1679437271

Ans

X 1. 72

X 2. 60

X 3. 54

4. 75

Q.14 Water flows at a rate of 5 km/h through a pipe of radius 7 cm into a rectangular tank of length 100 m and breadth 88 m. The time (in hours) in which the level of water in the tank will rise by 14 cm is (take $\pi = 22J$?):

Ouestion ID: 1679437276

Ans

X 1. 10

V 2. 16

X 3. 15

X 4. 12

Comprehension:

Study the following pie-chart and table and answer the questions that follow:

Distribution of employees in different departments of a company Total number of employees = 3000



Male and Female Ratio

Department	Male : Female
Accounts	11:7
Marketing	12:11
IT	14:13
Administration	3:2
others	4:5

SubOuestion No: 15

9.1 What is the ratio of the total number of male employees working in Accounts and IT to that of female employees working in Marketing and Administration?

Question ID: 1679437282

Ans X 1. 23:18

X 2. 17:15

X 3. 25:13

4. 25:19

Study the following pie-chart and table and answer the questions that follow:

Distribution of employees in different departments of a company Total number of employees = 3000



Male and Female Ratio

Department	Male : Female
Accounts	11:7
Marketing	12:11
IT	14:13
Administration	3:2
others	4:5

SubOuestion No: 16

9.1 If the total number of male employees in the company is x% more than the total number of female employees, then the value of x (nearest to an integer) is:

Question ID: 1679437283

Ans X 1. 20

V 2. 19

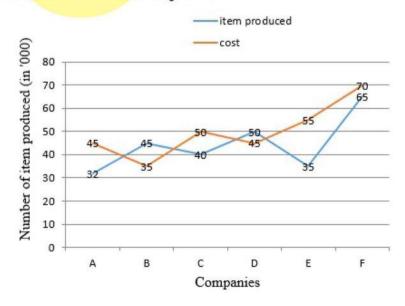
X 3. 17

X 4. 18

Comprehension:

Study the following graph and answer the questions that follow:

Number of items produced (in thousands) and cost (in ₹) per hundred items in six companies.



SubQuestion No: 17 Q.1 What is the total cost of the items produced by Question ID: 1679437285 companies A, C and E together? Ans X 1. ₹ 52,450 X 2. ₹ 53,560 X 3. ₹ 52,250 √ 4. ₹ 53,650 Comprehension: Study the following graph and answer the questions that follow: Number of items produced (in thousands) and cost (in ₹) per hundred items in six companies. a.com item produced cost Number of item produced (in '000) 80 70 60 50 45 40 30 20 10 E Companies SubQuestion No: 18 If the number of items produced by company D Question ID: 1679437286

If the number of items produced by company D increases by 40% and the number of items produced by company F decreases by 40%. What will be the total cost of items produced by the two companies?

Ans

√ 1. ₹ 58,800

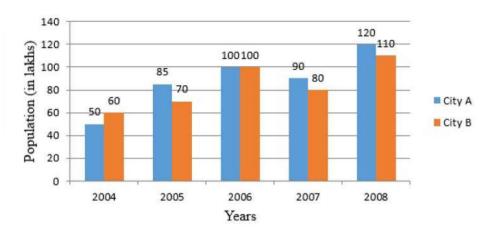
× 2. ₹ 56,600

X 3. ₹ 56,400

X 4. ₹ 58,400

Study the following bar graph which shows the population of two cities A and B over the years and answer the questions that follow:

Population (in lakhs) of cities A and B over the years



SubOuestion No: 19

Q.1 Population of city A in 2004, 2006 and 2008 together is what per cent more than the population of city B in 2005 and 2007 together?

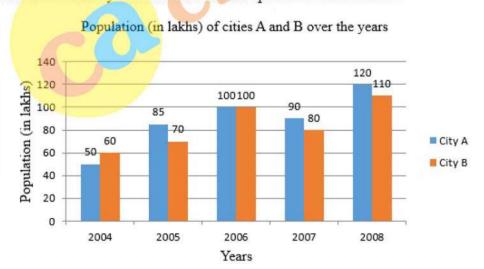
Question ID: 1679437289

dda

Ans X 1. 75%
X 2. 48.8%
X 3. 44.4%
V 4. 80%

Comprehension:

Study the following bar graph which shows the population of two cities A and B over the years and answer the questions that follow:



SubQuestion No: 20

Q.2 For which city and in which year was the per cent rise in population from the previous year the highest?

Question ID: 1679437288

Ans

X 1. City A - 2008

X 2. City B - 2008

	√ 3. City A - 2005	
	X 4. City B - 2006	
Secti	on : General English	
Q.1	Choose the correct ANTONYM of:	Question ID : 1679437291
	HAUGHTY	
Ans	X 1. Disobedient	
	× 2. Arrogant	
	X ₃ Disturbing	
	✓ 4. Humble	
Q.2	Choose the correct ANTONYM of the underlined word to fill in the blank.	
	Though the lion appeared to be gentle, it turned out that it was quite and snarled at the visitors.	Question ID : 1679437292
Ans	× 1. innocent	
	× 2. depressed	
	× 3. timid	30
	✓ 4 ferocious	
Q.3	Choose the best option to combine the given sentences.	Question ID : 1679437300
	I won the book, The Diary of Anne Frank at the competition. The book is very dear to me.	# 00PR 100 to Edut 100 000 000
Ans	1. The book which is The Diary of Anne Frank won at the competition is very dear to me.	
	X 2.	
	I won the book The Diary of Anne Frank at a competition however it is very dear to me. 3.	
	The book is very dear to me, The Diary of Anne Frank, which I won at the competition.	
	7 4.	
20.0	The book, The Diary of Anne Frank that I won at the competition, is very dear to me.	
Q.4	Choose the correct word to fill in the blank.	Question ID : 1679437293
Ans	My car is giving me good mileage. It gives me 20 kilometres litre.	
Allo	1. some✓ 2. a	
	X 3. the	
	× 4. any	
Q.5	In the following sentences, four words or phrases have been underlined. One of them is incorrect. Choose the INCORRECT (
Q.J	word or phrase from the given options. The tsunami hit the coastal towns with such ferocity that each and all dwelling was destroyed. Many precious lives were	Question ID : 1679437297
Ans	1. hit the coastal towns	
	✓ 2. each and all dwelling	
	× 3. was destroyed.	
	was desitoyed.	

	X 4. lives were lost	
Q.6	Choose the word that is correctly spelt.	Question ID : 1679437302
Ans	✓ ¹. Preference	
	× 2. Boundry	
	✗ 3. Deppressed	
	× 4. Forein	
Q.7	Choose the passage that is correctly punctuated.	Question ID : 1679437301
Ans	X 1.	
	She took a quick bath, sipped a cup of hot coffee; made a few important calls; and sat down for a conference call with Ashish. 2.	
	she took a quick bath sipped a cup of hot coffee made a few important calls and sat down. For a conference call with Ashish. 3.	
	She took a quick bath sipped a cup of hot coffee, made a few important calls and sat down for a conference call with ashish.	
	4. She took a quick bath, sipped a cup of hot coffee, made a few important calls and sat down for a conference call with Ashish.	
Q.8	Choose the most appropriate INDIRECT SPEECH for the following sentence.	
	Mother said to Ravi, "You must return home before it gets dark. Don't get late!"	Question ID : 1679437299
Ans	✓ 1.	
	Mother reminded Ravi to return home before it got dark and warned him not to get late. 2.	
	Mother was reminding Ravi that he must return home before it got late and warned him to reach before it got dark	
	3. Ravi told mother that he must return home before it got dark and would not get late.	
	× 4.	
	Mother requested Ravi that he should return home before dark and warns him not to get late.	
Q.9	Choose the PASSIVE VOICE form of the given sentence.	Question ID : 1679437298
Ans	The audience enjoyed the opening song of the show and cheered loudly when it finished.	
Alls	The audience enjoyed the opening song of the show and when it finished they were cheering loudly.	
	The opening song of the show was enjoyed by the audience and they cheered loudly when it finished.	
	3.	
	The audience was finding the opening song enjoyable during the show and cheered loudly when it finished. \checkmark 4.	
	The audience is finding the opening song during the show enjoyable and so they cheered loudly when it finished.	
Q.10	Choose the correct SYNONYM of:	Question ID : 1679437290
	CURREICE	
Ans	X 1. Excitement	
	× 2. Expectation	
	× 3. Relief	
	✓ 4. Amazement	
0.11	124 1 C	
Q.11		Question ID : 1679437295

My friend is quite ill. I visit her in the hospital. 1 daily 2 hardly 3 completely	
× 2. hardly	
X 3. completely	
· · · · · · · · · · · · · · · · · · ·	
× 4. usually	
Fill in the blank with the appropriate phrasal verb.	Question ID : 1679437303
✓ 4. get away with	
Fill in the blank with the appropriate idiom.	Question ID : 1679437304
	400
A STATE OF THE STA	A.O.
A STATE OF THE PROPERTY OF THE PARTY OF THE	
The state of the s	
4. blow hot and cold	
Fill in the blank with the appropriate word (s).	Question ID : 1679437294
Imy birthday on Saturday at my house. Please do come at 7 pm.	
√ 4. am celebrating	
n the following sentences, four words or phrases have been underlined. One of them is incorrect. Choose the INCORRECT over for phrase from the given options.	Question ID:1679437296
the maintenance of the parks and gardens <u>has been entrusted</u> to a private agency that <u>has promised</u> to do a professional job. We <u>do hope</u> the parks <u>are now be maintained</u> well.	Question ID . 1077457270
★ 1. has promised	
✓ 2 are now be maintained	
× 3. has been entrusted	
★ 4. do hope	
FI	t is now becoming more and more difficult for black money hoarders to income tax evasion. **\times 1. get off with **\times 2. get on with **\times 3. get through **\times 4. get away with **Fill in the blank with the appropriate idiom. **totol Asha to be humble and not, as her superiors would surely recognise her skills. **\times 1. to blow her own trumpet **\times 2. cut a sorry figure **\times 3. to call a spade a spade **\times 4. blow hot and cold **\times 1. celebrates **\times 2. celebrated **\times 3. was celebrating **\times 4. am celebrating **\times 4. am celebrating **\times 4. am celebrating **\times 4. the following sentences, four words or phrases have been underlined. One of them is incorrect. Choose the INCORRECT ord or phrase from the given options. **\times 1. has promised **\times 2. are now be maintained **\times 3. has been entrusted

T'ai chi is a Chinese martial art and a form of stylised, meditative exercise consisting of slow circular and stretching movements and positions of bodily balance.

When a lot of people got sick owing to population explosion and lack of sufficient medical care, in 1956, during the communist revolution, top t'ai chi practitioners in China got together and came up with a short programme of teaching t'ai chi at a national level. The healthy practice of ending the day with some t'ai chi instead of remaining glued to the TV set or mobile phone would not only melt away the aches and pains acquired during the day but also induce a truly restful sleep.

T'ai chi's social benefits are well documented. The technique – Push Hands, where two people pair off — one uses his hands to push the partner, and the partner yields and neutralises the first and maintains his equilibrium — has been shown to have psychological value. It has tremendous healing effect on those suffering from loneliness. All moves in t'ai chi involve bending and stretching. It starts with opening and closing in the joints. The joints get smaller while closing and expand while opening. At the physical level, this raises the practitioner's vitality. T'ai chi unites the mind, body and heart exponentially.

According to t'ai chi classics, the lower dantian — the area between the navel and the pubic bone — is the energetic centre that affects every action you make. It is the body's main switch box. A part of your mind should always remain present in your lower dantian. If everything comes from your lower dantian, it floods all the energy channels of your body evenly and balances them. The increased energy in the lower dantian increases your sense of physicality in everything you do, be it health, power, strength or focus.

SubQuestion No: 16

Q.1 Choose the option that completes the sentence given below.

Question ID: 1679437310

The effect of the mind focussing on lower dantian is that _____.

Ans 🗙

X 1 it makes you healthy

2 there is a flow of energy in the whole body

X 3. it gives you power and focus

X 4. you become stronger in the lower part

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SubQuestion No: 17

Q.1 Choose the option that answers the question given below.

Question ID: 1679437308

"It has been shown to have psychological value." What is the psychological value of practicing t'ai chi?

Ans X 1. People feel happy at being alive.

2. The joints contract and expand.

X 3. It maintains body balance.

4. It helps those who are feeling alone.

T'ai chi is a Chinese martial art and a form of stylised, meditative exercise consisting of slow circular and stretching movements and positions of bodily balance.

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SubQuestion No: 18

Q.1 Choose the option that answers the question given below.

Question ID: 1679437307

Which of the following is NOT an advantage of doing t'ai chi?

Ans X 1. It gives bodily balance.

X 2. It helps you get rid of pains.

X 3. People get together.

4. One remains attached to the mobile phone.

T'ai chi is a Chinese martial art and a form of stylised, meditative exercise consisting of slow circular and stretching movements and positions of bodily balance.

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SubQuestion No: 19

Q.1 Choose the option that completes the sentence given below.

Question ID: 1679437309

The greatest benefit of t'ai chi is that it ...

Ans X 1 raises energy levels

× 2. makes the joints smaller

X 3. creates social interaction

4. increases the unity of mind, body and soul

Read the following passage and answer the questions that follow. T'ai chi is a Chinese martial art and a form of stylised, meditative exercise consisting of slow circular and stretching movements and positions of bodily balance. When a lot of people got sick owing to population explosion and lack of sufficient medical care, in 1956, during the communist revolution, top t'ai chi practitioners in China got together and came up with a short programme of teaching t'ai chi at a national level. The healthy practice of ending the day with some t'ai chi instead of remaining glued to the TV set or mobile phone would not only melt away the aches and pains acquired during the day but also induce a truly restful sleep. T'ai chi's social benefits are well documented. The technique – Push Hands, where two people pair off — one uses his hands to push the partner, and the partner yields and neutralises the first and maintains his equilibrium — has been shown to have psychological value. It has tremendous healing effect on those suffering from loneliness. All moves in t'ai chi involve bending and stretching. It starts with opening and closing in the joints. The joints get smaller while closing and expand while opening. At the physical level, this raises the practitioner's vitality. T'ai chi unites the mind, body and heart exponentially. According to t'ai chi classics, the lower dantian — the area between the navel and the pubic bone — is the energetic centre that affects every action you make. It is the body's main switch box. A part of your mind should always remain present in your lower dantian. If everything comes from your lower dantian, it floods all the energy channels of your body evenly and balances them. The increased energy in the lower dantian increases your sense of physicality in everything you do, be it health, power, strength or focus. SubQuestion No: 20 Question ID: 1679437306 sentence. T'ai chi was started

Q.2 Choose the most appropriate option to complete the

Ans X 1. by a communist movement or revolution

× 2. owing to population explosion

√ 3. because of the need for medical care

X 4.

because people were getting very slow in their life

Section: General Hindi

ानम्नालाखत गद्**याश का पढ़कर पूछ गए प्रश्ना क उ**त्तर लाखए। परिश्रम का वही कमाल हैं। इतिहास में यह कमाल बार बार भिन्न भिन्न रूपों में देखा हैं। चन्द्रगृप्त हो या चाणक्य; सिकंदर हो या नेपोलियन; डिजरायली हो या लिंकन; सतलिज हो या खुशचेन; शंकराचार्य हो या खण्डन मिश्र; नेहरू हो या लालबहादुर शास्त्री सभी का जीवन परिश्रम और अध्यवसाय की रोमांचक कथा हैं। तालियों की गड़गड़ाहट के बिच वे संकुचित होकर बैठ गए। पर उन्होंने हिम्मत नहीं हारी। एकांत जंगल में, झाड़ियो और पेड़ों के सामने वे बोलने कर अभ्यास करते रहे। पुरे एक वर्ष बाद जब ये फिर से ब्रिटिश संसद में बोलने खड़े हुए तो उनके धरा-प्रवाह भाषण से सांसदों की साँस रुक गई। वर्षों से उन्होंने ऐसा ओजस्वी और प्रभावपूर्ण भाषण नहीं स्ना था। वह चमत्कार परिश्रम का ही परिणाम था। कहते हैं महान कार-निर्माता उदयोगपति 'फोर्ड' एक साधारण टेक्नीशियन ये, खुशचेन खान मजदूर थे, टाटा, बिरला, मोदी आदि हमारे भारतीय उदयोगपति भी आरंभ में सामान्य-साधारण थे, किंत् निरंतर अट्ट परिश्रम ने उन्हें सफलता और सम्पनता के आकाश पर चढ़ दिया। कहने का तात्पर्य यह हैं की जहाँ-जहाँ, जिस जिस क्षेत्र में भी आप सफलता और उत्कर्ष के चमत्कार पाएँगे, उनके पीछे अट्ट परिश्रम और लगन की ही कहानी होगी। विद्याथियों के लिए परिश्रम का विशेष महत्त्व हैं। विद्यार्थी कल साधना कल हैं। यही वह समय हैं जब विदयार्थी को केवल अपने अध्यनन-मनन और शारीरिक स्वास्थ बनाने के अतिरिक्त और कुछ भी करना नहीं। होता उसका एकमात्र ध्यान अपने शारीरिक-मानसिक विकास को समृद्ध करने की ओर रहता हैं। खाने-पिने, पहनने-ओढ़ने अथवा पढाई-लिखाई के खर्चे आदि की उन्हें कोई चिंता नहीं होती। ऐसी स्थिति में भी यदि वे परिश्रम से जी चुराए तो उनका दुर्भाग्य

COLU

'मुखार्थिनो कुतो विद्या, विद्यार्थिनो कुतो मुखम'।
अर्थात मुख चाहने वाले के लिए विद्या कहाँ और विद्या की इच्छा
रखने वाले को मुख कहाँ? परिश्रमी व्यक्ति को अपनी दृष्टि केवल
अपने उदेश्य बिंदु पर गड़ाए आगे बढ़ना चाहिए। परिश्रम एक शक्ति
हैं। जिसने भी यह शक्ति प्राप्त कर ली सफलता ने उसके गले में
जयमाल डाल दी। परिश्रम के बल पर ही व्यक्ति असंभव की संभव
कर दिखता हैं। परिश्रम से ही उसने कोयले से हीरे का निर्माण किया.

हैं; क्योंकि कहा गया हैं-

परिश्रम से ही उसने प्रकृति पर अपना अधिकार दिया। परिश्रम जीवन की मूल शक्ति, उन्नति और सफलता का रहस्य हैं।

SubOuestion No: 1

सफलता का आधार होता है:

Question ID: 1679437312

Ans 🗶 1. विद्या

X 2. शक्ति

🗙 ३. भाग्य

4. %

Comprehension:

निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर लीखिए। परिश्रम का वही कमाल हैं। इतिहास में यह कमाल बार बार भिन्न भिन्न रूपों में देखा हैं। चन्द्रगुप्त हो या चाणक्य; सिकंदर हो या नेपोलियन; डिजरायली हो या लिंकन; सतलिज हो या खुशचेन; शंकराचार्य हो या खण्डन मिश्र; नेहरू हो या लालबहादुर शास्त्री सभी का जीवन परिश्रम और अध्यवसाय की रोमांचक कथा हैं। तालियों की गड़गड़ाहट के बिच वे संकृचित होकर बैठ गए। पर उन्होंने हिम्मत नहीं हारी। एकांत जंगल में, झाड़ियो और पेड़ों के सामने वे बोलने कर अभ्यास करते रहे। पूरे एक वर्ष बाद जब ये फिर से ब्रिटिश संसद में बोलने खड़े हुए तो उनके धरा-प्रवाह भाषण से सांसदों की साँस रक गई। वर्षों से उन्होंने ऐसा ओजस्वी और प्रभावपूर्ण भाषण नहीं सूना था। वह चमत्कार परिश्रम का ही परिणाम था।

कहते हैं महान कार-निर्माता उदयोगपति 'फोर्ड' एक साधारण टेक्नीशियन ये, खुशचेन खान मजदूर थे, टाटा, बिरला, मोदी आदि हमारे भारतीय उदयोगपति भी आरंभ में सामान्य-साधारण थे, किंत् निरंतर अटूट परिश्रम ने उन्हें सफलता और सम्पनता के आकाश पर चढ़ दिया। कहने का तात्पर्य यह हैं की जहाँ-जहाँ, जिस जिस क्षेत्र में भी आप सफलता और उत्कर्ष के चमत्कार पाएँगे, उनके पीछे अट्ट परिश्रम और लगन की ही कहानी होगी। विदयाथियों के लिए परिश्रम का विशेष महत्त्व हैं। विदयार्थी कल साधना कल हैं। यही वह समय हैं जब विद्यार्थी को केवल अपने अध्यनन-मनन और शारीरिक स्वास्थ बनाने के अतिरिक्त और कुछ

भी करना नहीं। होता उसका एकमात्र ध्यान अपने शारीरिक-मानसिक विकास को समूद करने की भीर रहता है। खाने-पिने पहनने-भीटने

अथवा पढाई-लिखाई के खर्चे आदि की उन्हें कोई चिंता नहीं होती। ऐसी स्थिति में भी यदि वे परिश्रम से जी चुराए तो उनका दुर्भाग्य हैं; क्योंकि कहा गया हैं-

'मुखार्थिनो कुतो विद्या, विद्यार्थिनो कुतो सुखम'।
अर्थात सुख चाहने वाले के लिए विद्या कहाँ और विद्या की इच्छा
रखने वाले को सुख कहाँ? परिश्रमी व्यक्ति को अपनी दृष्टि केवल
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हैं। जिसने भी यह शक्ति प्राप्त कर ली सफलता ने उसके गले में
जयमाल डाल दी। परिश्रम के बल पर ही व्यक्ति असंभव की संभव
कर दिखता हैं। परिश्रम से ही उसने कोयले से हीरे का निर्माण किया,
परिश्रम से ही उसने प्रकृति पर अपना अधिकार दिया।
परिश्रम जीवन की मूल शक्ति, उन्नित और सफलता का रहस्य हैं।

Question ID: 1679437315

SubQuestion No: 2

^{Q.2} परिश्रम ट्यक्ति को नहीं देता:

Ans 🗙 1. उत्कर्ष

४ ² आत्मग्लानि

X 3. संपलता

🗡 4 सफलता

Comprehension:

परिश्रम का वही कमाल हैं। इतिहास में यह कमाल बार बार भिन्न भिन्न रूपों में देखा हैं। चन्द्रगुप्त हो या चाणक्य; सिकंदर हो या नेपोलियन; डिजरायली हो या लिंकन; सतलिज हो या खुशचेन; शंकराचार्य हो या खण्डन मिश्र; नेहरू हो या लालबहादुर शास्त्री सभी का जीवन परिश्रम और अध्यवसाय की रोमांचक कथा हैं। तालियों की गड़गड़ाहट के बिच वे संकुचित होकर बैठ गए। पर उन्होंने हिम्मत नहीं हारी। एकांत जंगल में, झाड़ियो और पेड़ों के सामने वे बोलने कर अभ्यास करते रहे। पुरे एक वर्ष बाद जब ये फिर से ब्रिटिश संसद में बोलने खड़े हुए तो उनके धरा-प्रवाह भाषण से सांसदों की साँस रुक गई। वर्षों से उन्होंने ऐसा ओजस्वी और प्रभावपूर्ण भाषण नहीं सुना था। वह चमत्कार परिश्रम का ही परिणाम था। कहते हैं महान कार-निर्माता उदयोगपति 'फोर्ड' एक साधारण

हमारे भारतीय उद्योगपित भी आरंभ में सामान्य-साधारण थे, किंतु निरंतर अटूट परिश्रम ने उन्हें सफलता और सम्पनता के आकाश पर चढ़ दिया। कहने का तात्पर्य यह हैं की जहाँ-जहाँ, जिस जिस क्षेत्र में भी आप सफलता और उत्कर्ष के चमत्कार पाएँगे, उनके पीछे अटूट परिश्रम और लगन की ही कहानी होगी। विद्याधियों के लिए परिश्रम का विशेष महत्त्व हैं। विद्याधीं कल साधना कल हैं। यही वह समय हैं जब विद्याधीं को केवल अपने अध्यनन-मनन और शारीरिक स्वास्थ बनाने के अतिरिक्त और कुछ भी करना नहीं। होता उसका एकमात्र ध्यान अपने शारीरिक-मानसिक विकास को समृद्ध करने की ओर रहता हैं। खाने-पिने, पहनने-ओढ़ने अथवा पढ़ाई-लिखाई के खर्च आदि की उन्हें कोई चिंता नहीं होती। ऐसी स्थित में भी यदि वे परिश्रम से जी चुराए तो उनका दुर्भाग्य हैं; क्योंकि कहा गया हैं 'मुखार्थिनो कुतो विद्या, विद्यार्थिनो कुतो मुखम'।

अर्थात सुख चाहने वाले के लिए विद्या कहाँ और विद्या की इच्छा रखने वाले को सुख कहाँ? परिश्रमी ट्यक्ति को अपनी दृष्टि केवल अपने उदेश्य बिंदु पर गड़ाए आगे बढ़ना चाहिए। परिश्रम एक शक्ति हैं। जिसने भी यह शक्ति प्राप्त कर ली सफलता ने उसके गले में जयमाल डाल दी। परिश्रम के बल पर ही ट्यक्ति असंभव की संभव कर दिखता हैं। परिश्रम से ही उसने कोयले से हीरे का निर्माण किया, परिश्रम से ही उसने प्रकृति पर अपना अधिकार दिया। परिश्रम जीवन की मुल शक्ति, उन्नति और सफलता का रहस्य हैं।

SubQuestion No: 3

^{Q.3} निम्न<mark>लिखित में से मजदुर कौन बनेगा</mark>?

Question ID: 1679437314

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Ans 🗙 1. 리리

√ 2. खुशचेन खान

X 3. whish

★ 4. मोदी

Comprehension:

निम्नतिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर लीखिए।

परिश्रम का वही कमाल हैं। इतिहास में यह कमाल बार बार भिन्न भिन्न रूपों में देखा हैं। चन्द्रगुप्त हो या चाणक्य; सिकंदर हो या नेपोलियन; डिजरायली हो या लिंकन; सत्तलिज हो या खुशचेन; शंकराचार्य हो या खण्डन मिश्र; नेहरू हो या लालबहादुर शास्त्री सभी का जीवन परिश्रम और अध्यवसाय की रोमांचक कथा हैं। तालियों की गड़गड़ाहट के बिच वे संकुचित होकर बैठ गए। पर उन्होंने हिम्मत नहीं हारी। एकांत जंगल में, झाड़ियो और पेड़ों के सामने वे बोलने कर अभ्यास करते रहे। पुरे एक वर्ष बाद जब ये फिर से ब्रिटिश संसद में बोलने खड़े हुए तो उनके धरा-प्रवाह भाषण से सांसदों की साँस रुक गई। वर्षों से उन्होंने ऐसा ओजस्वी और प्रभावपूर्ण भाषण नहीं सुना था। वह चमत्कार परिश्रम का ही परिणाम था।

कहते हैं महान कार-निर्माता उद्योगपित 'फोर्ड' एक साधारण टेक्नीशियन ये, खुशचेन खान मजदूर थे, टाटा, बिरला, मोदी आदि हमारे भारतीय उद्योगपित भी आरंभ में सामान्य-साधारण थे, किंतु निरंतर अटूट परिश्रम ने उन्हें सफलता और सम्पनता के आकाश पर चढ़ दिया। कहने का तात्पर्य यह हैं की जहाँ-जहाँ, जिस जिस क्षेत्र में भी आप सफलता और उत्कर्ष के चमत्कार पाएँगे, उनके पीछे अटूट परिश्रम और लगन की ही कहानी होगी। विद्याधियों के लिए परिश्रम का विशेष महत्त्व हैं। विद्यार्थी कल साधना कल हैं। यही वह समय हैं जब विद्यार्थी को केवल अपने अध्यनन-मनन और शारीरिक स्वास्थ बनाने के अतिरिक्त और कुछ

अध्यनन-मनन और शारीरिक स्वास्थ बनाने के अतिरिक्त और कुछ भी करना नहीं। होता उसका एकमात्र ध्यान अपने शारीरिक-मानसिक विकास को समृद्ध करने की ओर रहता हैं। खाने-पिने, पहनने-ओढ़ने अथवा पढाई-लिखाई के खर्चे आदि की उन्हें कोई चिंता नहीं होती। ऐसी स्थिति में भी यदि वे परिश्रम से जी चुराए तो उनका दुर्भाग्य हैं; क्योंकि कहा गया हैं-

'मुखार्थिनो कुतो विद्या, विद्यार्थिनो कुतो मुखम'।
अर्थात मुख चाहने वाले के लिए विद्या कहाँ और विद्या की इच्छा
रखने वाले को मुख कहाँ? परिश्रमी ट्यक्ति को अपनी दृष्टि केवल
अपने उदेश्य बिंदु पर गड़ाए आगे बढ़ना चाहिए। परिश्रम एक शक्ति
हैं। जिसने भी यह शक्ति प्राप्त कर ली सफलता ने उसके गले में
जयमाल डाल दी। परिश्रम के बल पर ही ट्यक्ति असंभव की संभव
कर दिखता हैं। परिश्रम से ही उसने कोयले से हीरे का निर्माण किया,
परिश्रम से ही उसने प्रकृति पर अपना अधिकार दिया।
परिश्रम जीवन की मूल शक्ति, उन्नित और सफलता का रहस्य हैं।

Question ID : 1679437316

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Q.4 गदयांश का उपयुक्त शीर्षक होगा:
 Ans X परिश्रम की देन

🗡 2. टाटा और उदयोग

√ ³ परिश्रम का महत्व

🗡 ⁴ छात्रों की सफलता

Comprehension:

निम्निलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर लीखिए। परिश्रम का वही कमाल हैं। इतिहास में यह कमाल बार बार भिन्न भिन्न रूपों में देखा हैं। चन्द्रगुप्त हो या चाणक्य; सिकंदर हो या नेपोलियन; डिजरायली हो या लिंकन; सत्तिज हो या खुशचेन; शंकराचार्य हो या खण्डन मिश्र; नेहरू हो या लालबहादुर शास्त्री सभी का जीवन परिश्रम और अध्यवसाय की रोमांचक कथा हैं। तालियों की गड़गड़ाहट के बिच वे संकृचित होकर बैठ गए। पर उन्होंने

हिम्मत नहीं हारी। एकांत जंगल में, झाड़ियो और पेड़ों के सामने वे बोलने कर अभ्यास करते रहे। पुरे एक वर्ष बाद जब ये फिर से ब्रिटिश संसद में बोलने खड़े हुए तो उनके धरा-प्रवाह भाषण से सांसदों की साँस रुक गई। वर्षों से उन्होंने ऐसा ओजस्वी और प्रभावपूर्ण भाषण नहीं सुना था। वह चमत्कार परिश्रम का ही परिणाम था। कहते हैं महान कार-निर्माता उदयोगपति 'फोर्ड' एक साधारण

टेक्नीशियन ये, खुशचेन खान मजदूर थे, टाटा, बिरला, मोदी आदि हमारे भारतीय उद्योगपति भी आरंभ में सामान्य-साधारण थे, किंतु निरंतर अटूट परिश्रम ने उन्हें सफलता और सम्पनता के आकाश पर चढ़ दिया। कहने का तात्पर्य यह हैं की जहाँ-जहाँ, जिस जिस क्षेत्र में भी आप सफलता और उत्कर्ष के चमत्कार पाएँगे, उनके पीछे अटूट परिश्रम और लगन की ही कहानी होगी। विद्याथियों के लिए परिश्रम का विशेष महत्त्व हैं। विद्यार्थी कल साधना कल हैं। यही वह समय हैं जब विद्यार्थी को केवल अपने

भी करना नहीं। होता उसका एकमात्र ध्यान अपने शारीरिक-मानसिक विकास को समृद्ध करने की ओर रहता हैं। खाने-पिने, पहनने-ओढ़ने अथवा पढाई-लिखाई के खर्चे आदि की उन्हें कोई चिंता नहीं होती। ऐसी स्थिति में भी यदि वे परिश्रम से जी चुराए तो उनका दुर्भाग्य

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अध्यनन-मनन और शारीरिक स्वास्थ बनाने के अतिरिक्त और कुछ

'स्खार्थिनो कृतो विद्या, विद्यार्थिनो कृतो स्खम'। अर्थात सुख चाहने वाले के लिए विद्या कहाँ और विद्या की इच्छा रखने वाले को सुख कहाँ? परिश्रमी ट्यक्ति को अपनी दृष्टि केवल अपने उदेश्य बिंदू पर गड़ाए आगे बढ़ना चाहिए। परिश्रम एक शक्ति हैं। जिसने भी यह शक्ति प्राप्त कर ली सफलता ने उसके गले में जयमाल डाल दी। परिश्रम के बल पर ही ट्यक्ति असंभव की संभव कर दिखता हैं। परिश्रम से ही उसने कोयले से हीरे का निर्माण किया. परिश्रम से ही उसने प्रकृति पर अपना अधिकार दिया। परिश्रम जीवन की मूल शक्ति, उन्नति और सफलता का रहस्य हैं। SubOuestion No: 5 सफलता के लिए विदयार्थी को छोड़ना पड़ता है: Question ID: 1679437313 Ans 🗙 1. परिवार 🗙 2. दुःख 🗙 ३. मित्र-बंध् √ 4. स्ख ^{Q.6} 'अत्याचार' शब्द में संधि है: Ouestion ID: 1679437320 🗸 ा यणू संधि X 2. वृद्धि संधि X 3. दीर्घ संधि X 4 अयादि संधि Q.7 धोनी का कुत्ता घर का न घाट का लोकोकित का अर्थ है: Question ID: 1679437331 Ans 🗙 1. गधा बनना X 2. धोनी के घर जाना √ 3. कही ठौर-ठिकाना न होना 🗡 4 धोनी के कुत्ते को रास्ता न मिलना निम्नलिखित शब्दों में से तत्सम शब्द चुनिए: Question ID: 1679437318 Ans X 1. सोना 🖋 2. आय् वधि

ଚ, ଫ୍ୟାାଫ ଫ୍ରା ଅୟା ଚ-

🗙 ३. सुंदर हाथ

	× 4. मुँह	
Q.9	कान भरना मुहावरे का अर्थ है:	Question ID : 1679437330
Ans	Х 1. कान साफ करना	
	X 2 कान में दवा डालना	
	√ 3.	
	किसी के विरुद्ध शिकायत कर किसी को बहकना	
	🔀 ४. काना-कुसी करना	
Q.10	'बाजार' शब्द का बहुवचन (अभिमालिक) होगा:	Question ID : 1679437321
Ans	४ 1. <mark>बाजार</mark>	
	X 2. बाजारें	
	🗙 3. बजारों	
	🗡 4. बाजारो	Co
Q.11	नीचे लिखे वाक्यों में से शुद्ध वाक्य छाँटिए:	Question ID : 1679437329
Ans	Х 1. उसने रातभर सोया	
	X 2 मेरे को तेरे को दस रूपए देने है	
	🗙 3. तुम भी चलियेना क्या	
	√ 4 शिक्षक कक्षा में है	
Q.12	कौनसा शब्द 'जल' का पर्यायवाची है?	Question ID : 1679437324
Ans	🗶 ा. अंबुधी	
	X 2. जलग	
	X 3. तोयद	
	✓ 4. चय	
0.12	E COMME	
Q.13	निम्नितिखित में से कौन-सा शब्द पुलिंग है?	Question ID : 1679437327
Ans	🔀 1. भाषा	
	√ 3. कपुर	
	🗡 4. कोशिश	
Q.14	'सदाबहुवचन' में प्रयुक्त होने वाला शब्द है:	Question ID : 1679437322
Ans	🔀 1. कल्याण	

```
√ 2. दर्शन

     X 3. धन
     🔀 ४. म्नि
<sup>Q,15</sup> निम्नलिखित में तद्भव शब्द छाँटिए:
                                                                       Question ID: 1679437317
Ans
    🗡 1 संदेश
     🖋 ३. कपडा
     🗙 4. माध्र्य
<sup>Q.16</sup> निम्नलिखित में से कोनसी क्रिया अकर्मक है?
                                                                       Question ID: 1679437328
Ans 🗙 1. देना
     X 2. लाना
     ४ ३. सोना
     X 4. खाना
Q.17 'जो नष्ट होने वाला हो' इस वाक्यांश के लिए एक शब्द होगा:
                                                                       Question ID: 1679437326
Ans 🗙 1. क्षणभंगुर
     X 2. विनष्ट
     X 3. अचिर

√ 4. नशवर

Q.18 निम्नलिखित में से भाववाचक संज्ञा शब्द छाँटिए:
                                                                       Question ID: 1679437323
Ans
     X 1. लघ्
     X 2. तन्मय
     ४ 3. वार्धक्य
     X 4. विश्वसमीय
<sup>Q.19</sup> 'जंगम' शब्द का विलोम होता है:
                                                                       Question ID: 1679437325
Ans X 1. स्थिर
     X 2. गतिशील

√ 3. स्थावर

     🗡 4. चांचल्य
<sup>0.20</sup> 'नरसिंघ' शब्द में कौन-सा समास है?
                                                                       Question ID: 1679437319
Ans 🗙 1. तत्पुरुष
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🗙 2. बहुब्रीहि
      X 3. अट्ययीभाव
      ४ ⁴. कर्मशाज्य
Section: Subject Related
Q.1 For solutes showing association, the value of van't Hoff factor (i) is:
                                                                                         Ouestion ID: 1679437342
     X_1 > 1
      X^{2} = 1
      X_{3.} = 0
       √ 4. < 1
Q.2 A system that can exchange energy but not matter with the surroundings is called:
                                                                                         Question ID: 1679437349
      X 1. Isolated system
      X 2. Isothermal system
      X 3. Open system
      4. Closed system
Q.3 Which of the following is independent of temperature?
                                                                                         Question ID: 1679437343
      X 1. Molarity
      2. Molality
      X 3. Normality
      X 4. Formality
Q.4 According to Lindemann-Hinshelwood mechanism of unimolecular reactions, the observed order at low concentration follows:
                                                                                         Question ID: 1679437335
     X 1. Zero order
      X 2. First order

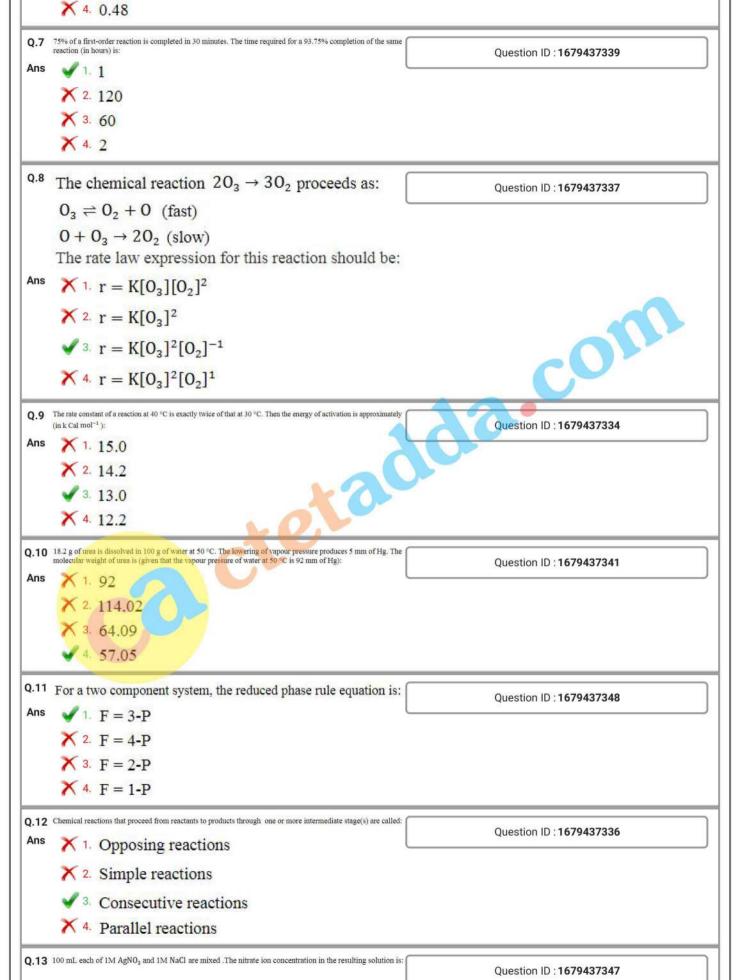
√ 3. Second order

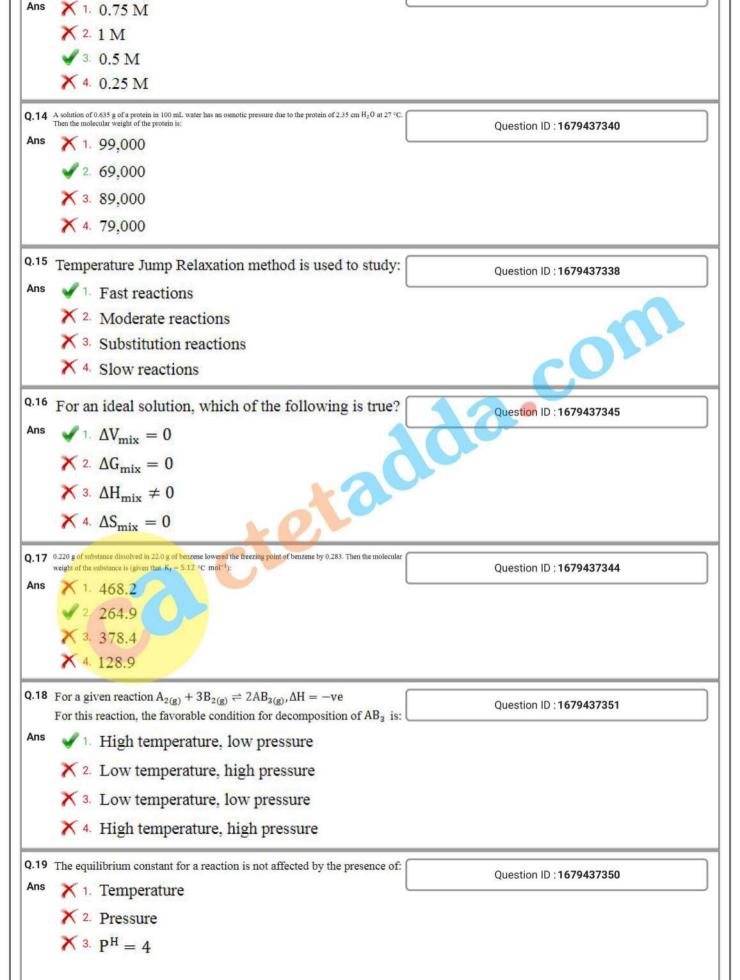
      X 4. Third order
Q.5 The ratio of specific rate constants at two different temperatures, separated by 10 °C, is called as:
                                                                                         Question ID: 1679437333
Ans

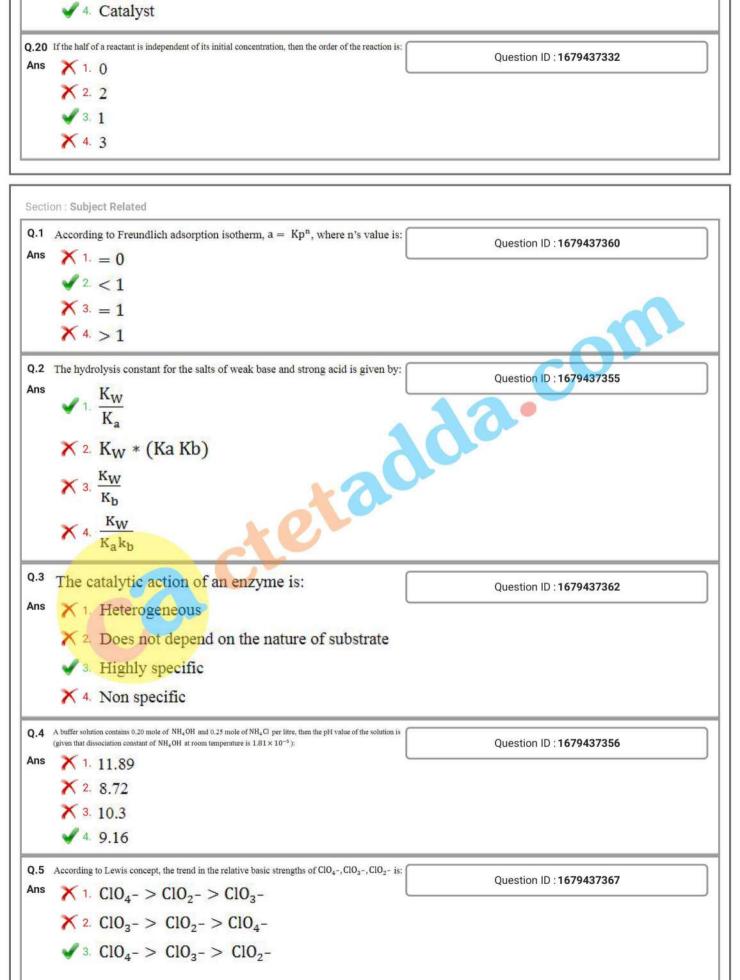
√ 1 Temperature coefficient

      X 2. Threshold energy
      X 3. Activation energy
      X 4. Activity coefficient
Q.6 The vapour pressure of 0.1M KNO<sub>3</sub> at 100 °C is 730 Torr. The activity of water in the solution at this temperature is:
                                                                                         Question ID: 1679437346
Ans
      X 1. 0.28
      X 2. 1

√ 3. 0.96
```







```
\times 4. ClO_2 - > ClO_3 - > ClO_4 -
Q.6 The pH of 0.1M aqueous solution of CH<sub>3</sub>COONa at 25 °C is
                                                                                    Ouestion ID: 1679437354
     (given that K_a for acetic acid = 1.75 \times 10^{-7} & K_W = 1.008 \times 10^{-14})
Ans
        1. 8.88
      X 2. 8.68
      X 3. 8.58
      X 4. 8.38
Q.7 "A given compound always contains exactly the same proportion of elements by weight" is stated under which law?
                                                                                    Ouestion ID: 1679437371
Ans
      X 1. Law of multiple proportions

 Law of definite proportions

      X 3. Avogadro's law
      X 4. Law of conservation of mass
Q.8 The transition for which the first derivative of the chemical potential with respect to temperature is continuous but its
                                                                                    Question ID: 1679437359
Ans

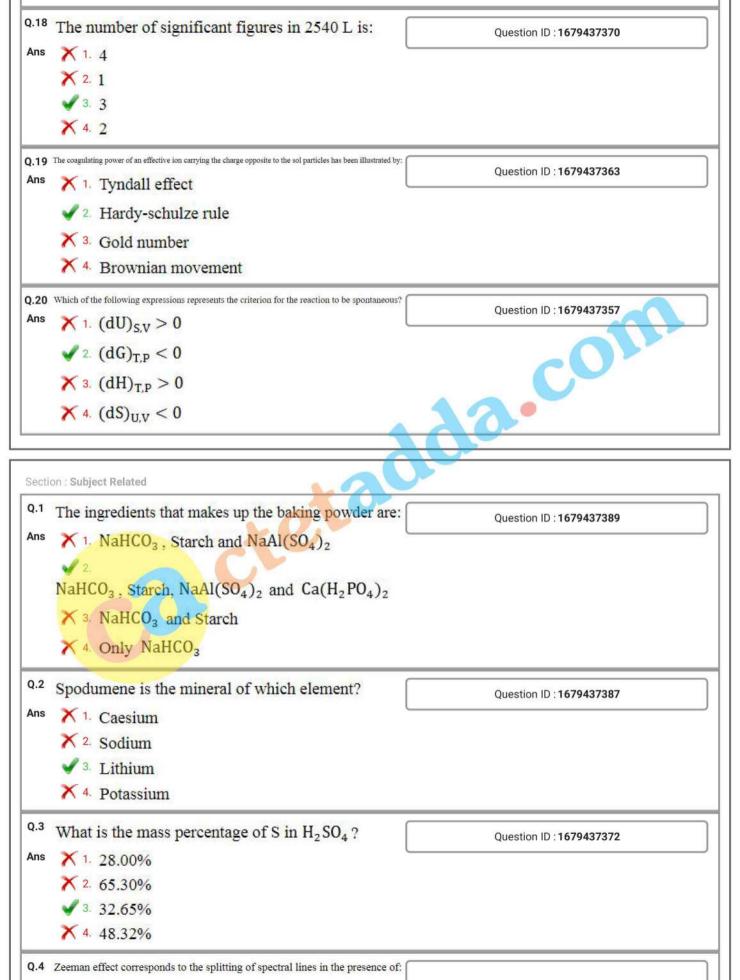
    Zero-order phase transition

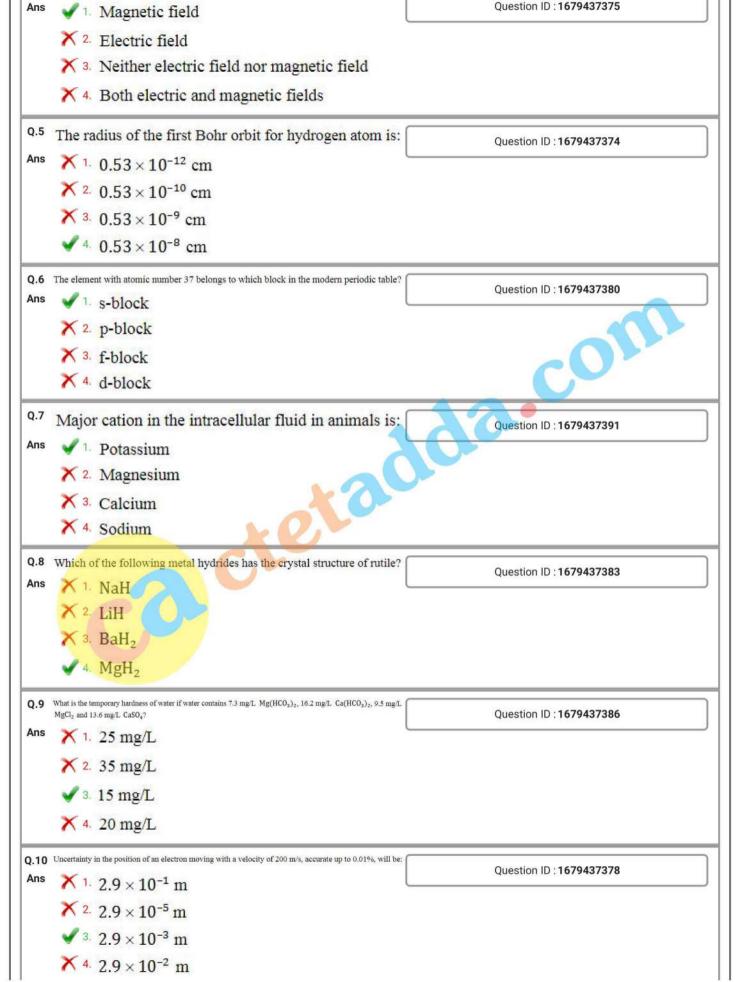
      X 2. Lambda transition
      X 3. First-order phase transition

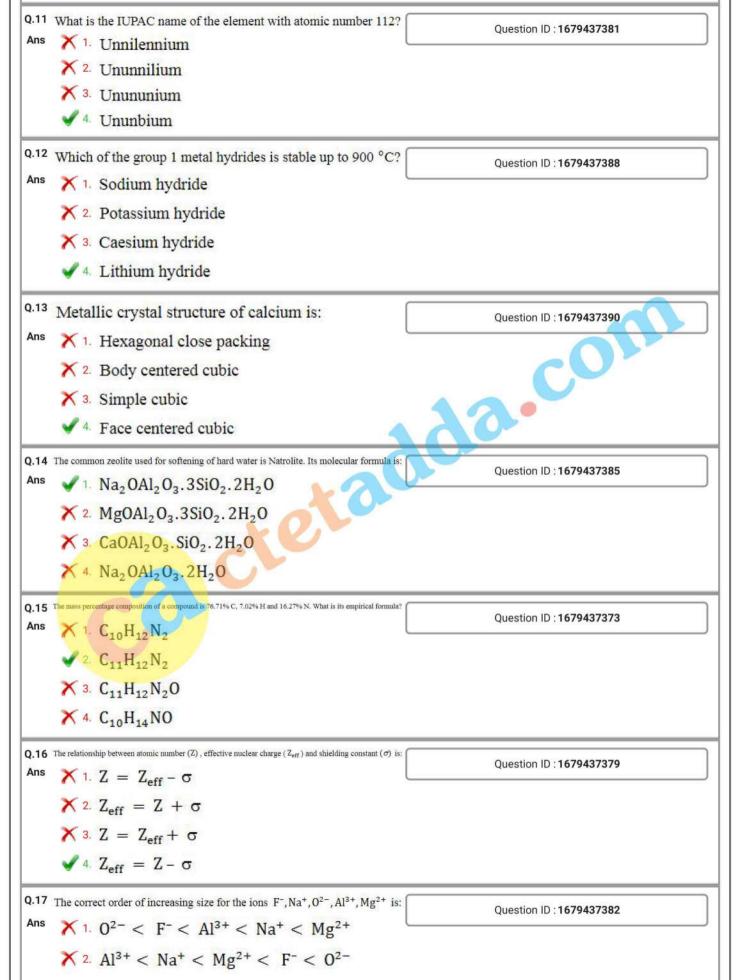
✓ 4. Second-order phase transition

Q.9 Micelles from the ionic surfactants can be formed only above a certain temperature called as:
                                                                                    Question ID: 1679437366
      X 1. Boyle's temperature
      2. Kraft temperature
      × 3. Inversion temperature
      × 4. Transition temperature
Q.10 Cake is an example of:
                                                                                    Question ID: 1679437361
     X 1. Solid in liquid
      X 2. Liquid in solid
      3. Gas in solid
      X 4. Solid in solid
Q.11 The revised metric system was proposed by:
                                                                                    Question ID: 1679437368
Ans
     X 1.
     National Institute of Standards and Technology
     General Conference on Weights and Measures
      X 3. U.S. Metric Association
      X 4.
     International Organization for Standardization
```

Q.12	$Arsenic (III) \ sulphide \ forms \ a \ sol \ with \ a \ negative \ charge. \ Which \ of the \ following \ ionic \ substances \ should \ be \ most \ effective \ in \ the \ coagulating \ sol?$	Question ID : 1679437364
Ans	X 1. KCl	
	× 2. MgCl ₂	
	√ 3. Al ₂ (SO4) ₃	
	× 4. Na₃PO₄	
Q.13	The solubility of Al(OH)3 in water at 25 °C is (given $K_{sp}=8.5\times 10^{-32}$):	Question ID : 1679437353
Ans	\checkmark 1. 5.8 × 10 ⁻⁷ g/lit	
	\times 2. 5.8 × 10 ⁻⁵ g/lit	
	\times 3. 5.8×10^{-3} g/lit	
on:	\times 4. 5.8 \times 10 ⁻² g/lit	
Q.14	The SI unit for the amount of substance is:	Question ID : 1679437369
Ans	★ 1. Candela	
	× 2. Gram	
	✓ 3. Mole	120
	× 4. Kilogram	
Q.15	There is desorption of physical adsorption when:	Question ID : 1679437365
Ans	★ 1. Temperature decreases	
	× 2. Pressure increases	
	★ 3. Concentration increases	
	✓ 4. Temperature increases	
Q.16	Ostwald dilution law failed completely when it was applied to:	Question ID : 1679437352
Ans	X 1. H ₂ CO ₃	
	✓ 2. KCl	
	X 3. CH ₃ COOH	
	× 4. NH ₃	
Q.17	When a triatomic gas is adsorbed as atoms on the surface of a solid, the Langmuir adsorption isotherm becomes:	Question ID : 1679437358
Ans	\times 1. $\theta = \frac{KP}{(1+KP)}$	Question ID : 16/943/338
	\checkmark 2. $\theta = \frac{KP^{\frac{1}{3}}}{(1+KP^{\frac{1}{3}})}$	
	$X = \frac{KP^3}{(1+KP^2)}$	
	\times 4. $\Theta = \frac{KP^{\frac{1}{2}}}{(1+KP^{\frac{1}{2}})}$	







```
\checkmark 3. Al<sup>3+</sup> < Mg<sup>2+</sup> < Na<sup>+</sup> < F<sup>-</sup> < O<sup>2-</sup>
      \times 4. Al<sup>3+</sup> < Na<sup>+</sup> < O<sup>2-</sup> < F<sup>-</sup> < Mg<sup>2+</sup>
Q.18 Which of the following methods can't be used for the preparation of hydrogen gas?
                                                                                   Ouestion ID: 1679437384
      X 1. Steam reformer process
      X 2. Reaction of saltlike hydrides with water
      X 3.
     Electrolysis of the aqueous solution of NaOH or KOH
      4. Reaction of ethanolamine solution with CO<sub>2</sub>
Q.19 Which of the following electronic configurations is correct according to Hund's rule?
                                                                                   Question ID: 1679437377
Ans
                                                                            a.com
    Pauli exclusion principle can't be applied to:
                                                                                   Question ID: 1679437376
Ans
     X 1. He

√ 2. H<sup>+</sup>

      X 3. H
      X 4. Li
Section: Subject Related
    By using SOCl<sub>2</sub>, alcohols are converted into:
                                                                                   Question ID: 1679437395
Ans X 1. Carboxylic acids
      X 2. Alkenes
      3. Alkyl halides
      X 4. Alkanes
Q.2 Which of the following statements is correct?
                                                                                   Question ID: 1679437404
     X 1. Both are equally selective
     Chlorination is more selective than bromination
     Bromination is more selective than Chlorination
```

	× 4. Bromination is less selective	
Q.3 Ans	The total number of elements present in FCC and BCC crystal systems, respectively are: 1. 3 and 4 2. 2 and 4 3. 4 and 2 4. 2 and 3	Question ID : 1679437411
Q.4 Ans	Which of the following is an antibiotic? ★ 1. Rantidin ★ 2. Dolo ★ 3. Amoxycillin ★ 4. Furosemide	Question ID : 1679437406
Q.5 Ans	Calamine is the ore of: 1. Zn 2. Fe 3. Ca 4. Al	Question ID : 1679437392
Q.6 Ans	Which of following compounds shows octahedral geometry? ✓ 1. SF ₆ ✓ 2. XeF ₂ ✓ 3. XeO ₃ ✓ 4. XeF ₄	Question ID : 1679437408
Q.7 Ans	SN ₂ and SN ₁ reactions follow: X 1. Both follow first order X 2. First and second order 3. Second and first order X 4. Both follow second order	Question ID : 1679437402
Q.8	Which of following reaction names is suitable for the below reaction? CH ₃ CH ₂ Br + HS ⁻ → CH ₃ CH ₂ SH + Br ⁻ 1. SN _{ar} reaction 2. SN ₁ reaction 3. SN ₂ reaction N ₁ SN ₁ reaction	Question ID : 1679437403
Q.9 Ans	The transition state of SN ₂ reaction has:	Question ID : 1679437401

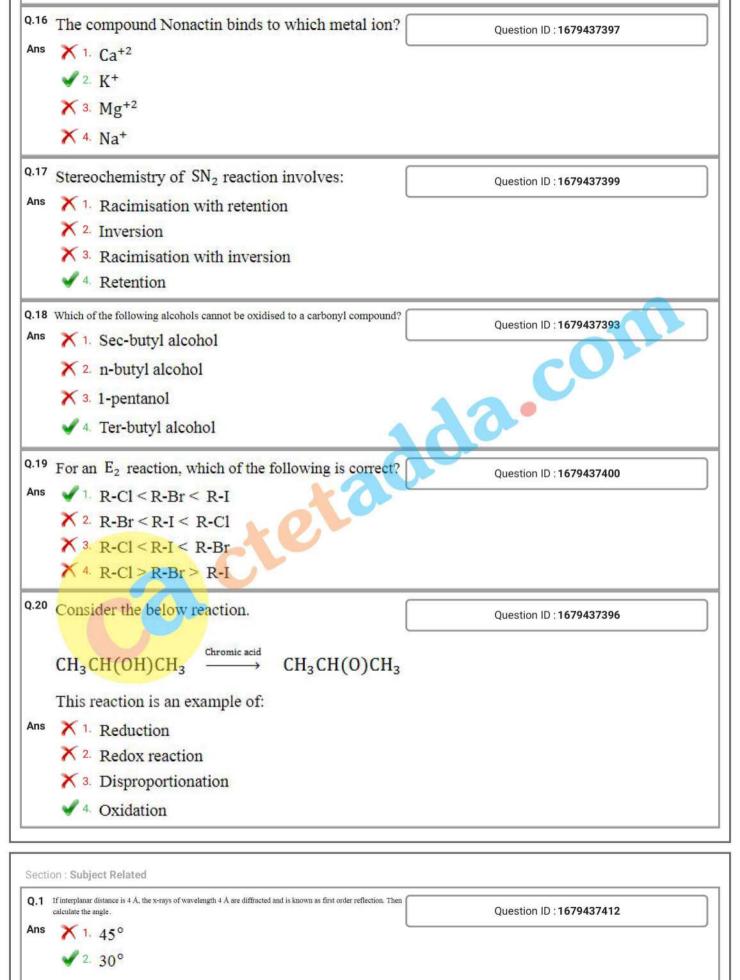
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X 1. Square planar structure
      X 2. Linear structure
      3. Carbon tetrahedral structure
      X 4. Normal tetrahedral structure
Q.10 Morphine consists of:
                                                                              Question ID: 1679437407

✓ 1. Tertiary amine and Quaternary carbon

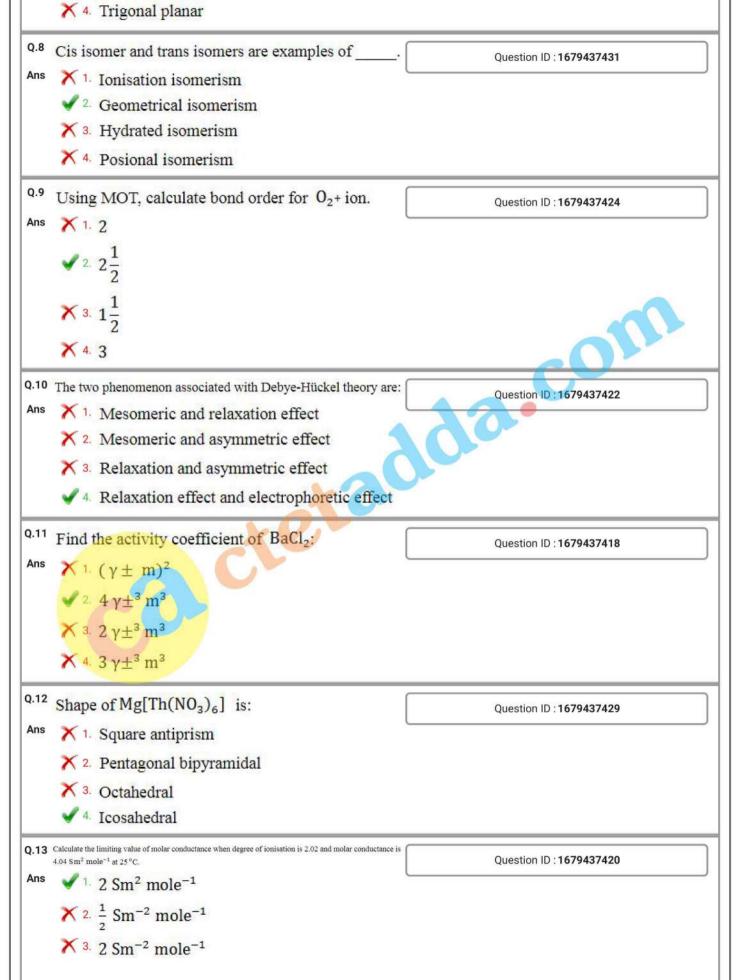
     X 2. Tertiary carbon
     X 3. Quaternary carbon
     X 4. Tertiary amine
Q.11 sp<sup>3</sup>d<sup>2</sup> hybridisation is seen in:
                                                                              Question ID: 1679437410
Ans X 1. ClF<sub>3</sub>
     X 2. BrCl2
     X 3. BrF
      Q.12 During conversion of alcohol to alkyl halide, which of the below is correct?
                                                                              Ouestion ID: 1679437394
Ans \times 1.2^{\circ} > 3^{\circ} > 1^{\circ}
      \sqrt{2.3^{\circ}} > 2^{\circ} > 1^{\circ}
      X 3. 2° > 1° > 3°
      X 4.1^{\circ} > 2^{\circ} > 3^{\circ}
Q.13 E<sub>2</sub> reactions are:
                                                                              Question ID: 1679437405
Ans X 1. Syn eliminations

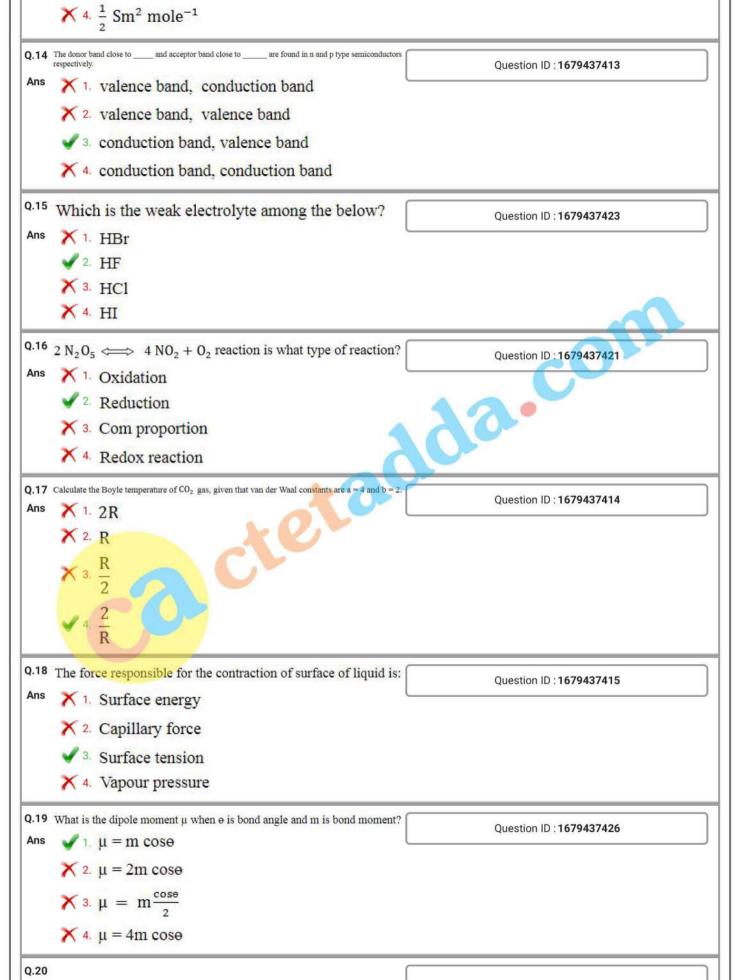
✓ 2 Stereoselective and anti-eliminations

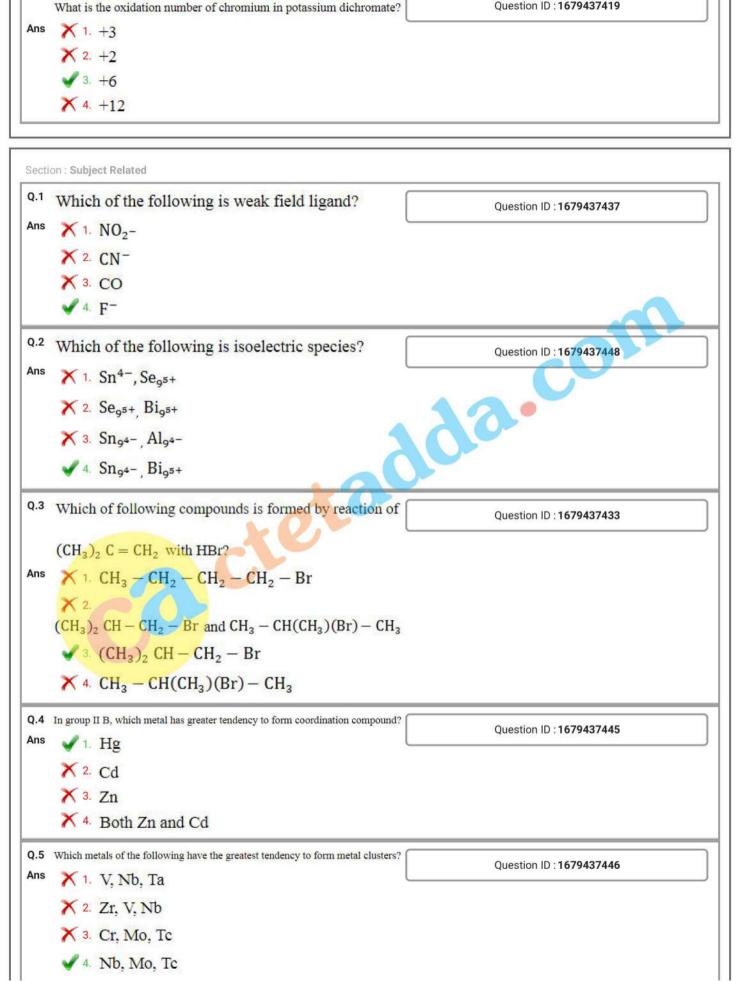
     X 3. Stereo specific
      X 4. Srereo selective
Q.14 What is the total number of lone pairs in IF_5 molecule?
                                                                              Question ID: 1679437409
Ans X 1. 0
      X 2. 2
      3. 1
      X 4. 3
Q.15 The relative rate of dehydration of alcohols is given by:
                                                                              Ouestion ID: 1679437398
Ans 1.3° > 2° > 1°
     \times 2. 2° > 3° > 1°
      X 3. 1° > 2° > 3°
      \times 4. 2° > 1° > 3°
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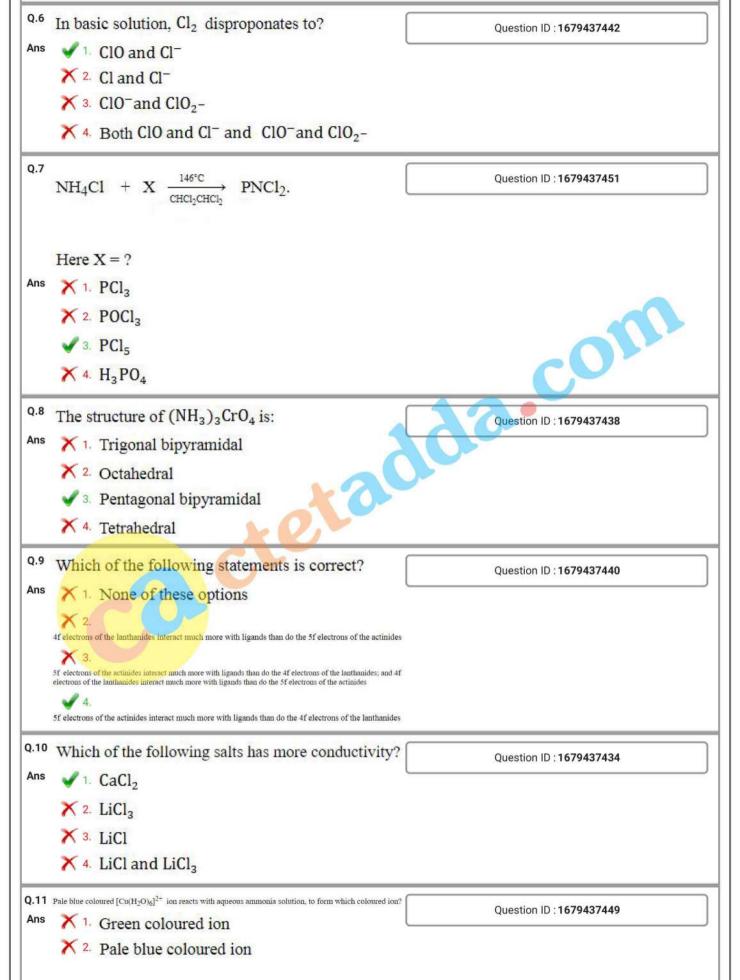


	× 4. 90°	
Q.2 Ans	Which of the following conversion, product bond order increases compared to reactant bond order? 1. $N_2 \rightarrow N_2^+$ 2. $NO \rightarrow NO^+$ 3. $O_2 \rightarrow O_2^+$ 4. $NO \rightarrow NO^-$	Question ID : 1679437427
Q.3 Ans	The v-shaped graph represents conductometric titration of: 1. Strong acid vs strong base 2. Strong acid vs weak base 3. Strong acid & weak acid vs weak base 4. Weak acid vs weak base	Question ID : 1679437417
Q.4 Ans	Dipole moment is maximum in: X 1. HBr X 2. HCl X 3. HI V 4. HF	Question ID : 1679437425
Q.5 Ans	The most probable kinetic energy, per molecule and per mole, respectively, is given by: 1. $\frac{3}{2}$ RT and $\frac{KT}{2}$ 2. $\frac{RT}{2}$ and $\frac{3}{2}$ RT 3. $\frac{KT}{2}$ and $\frac{RT}{2}$ 4. $\frac{RT}{2}$ and $\frac{KT}{2}$	Question ID : 1679437416
Q.6 Ans	Which of the following metal carbonyls doesn't exhibit EAN rule? 1. Ni(CO) ₄ 2. Cr(CO) ₆ 3. FE(CO) ₅ 4. Mn(CO) ₅	Question ID : 1679437430
Q.7 Ans	The d ² sp ³ hydridisation shows which structure? X 1. Tetrahedral X 2. Square planar 3. Octahedral	Question ID : 1679437428

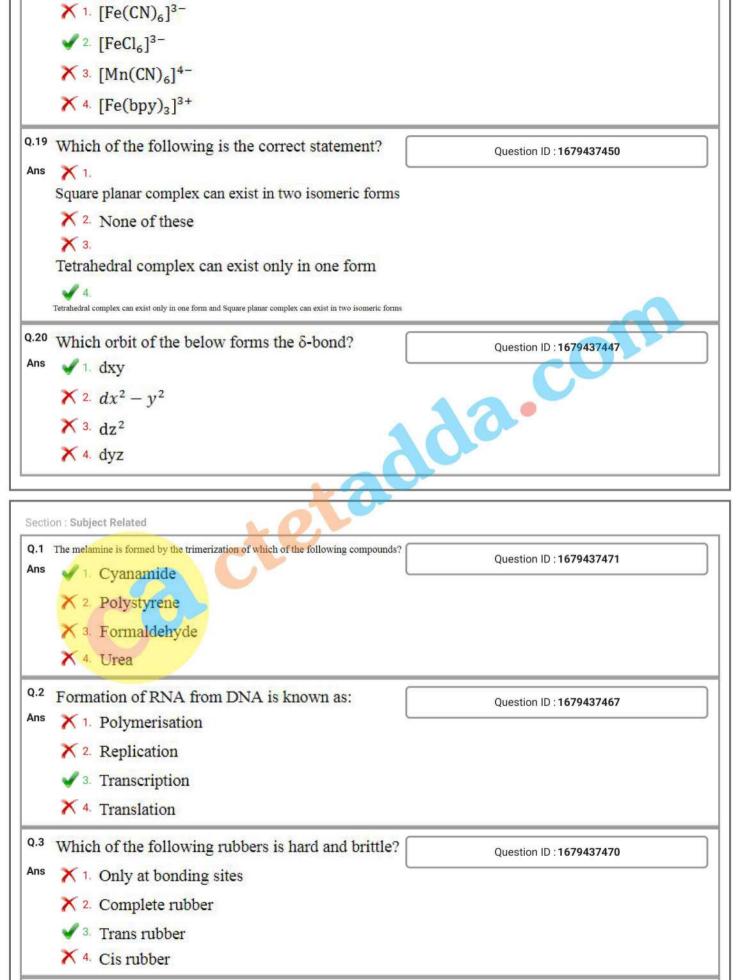


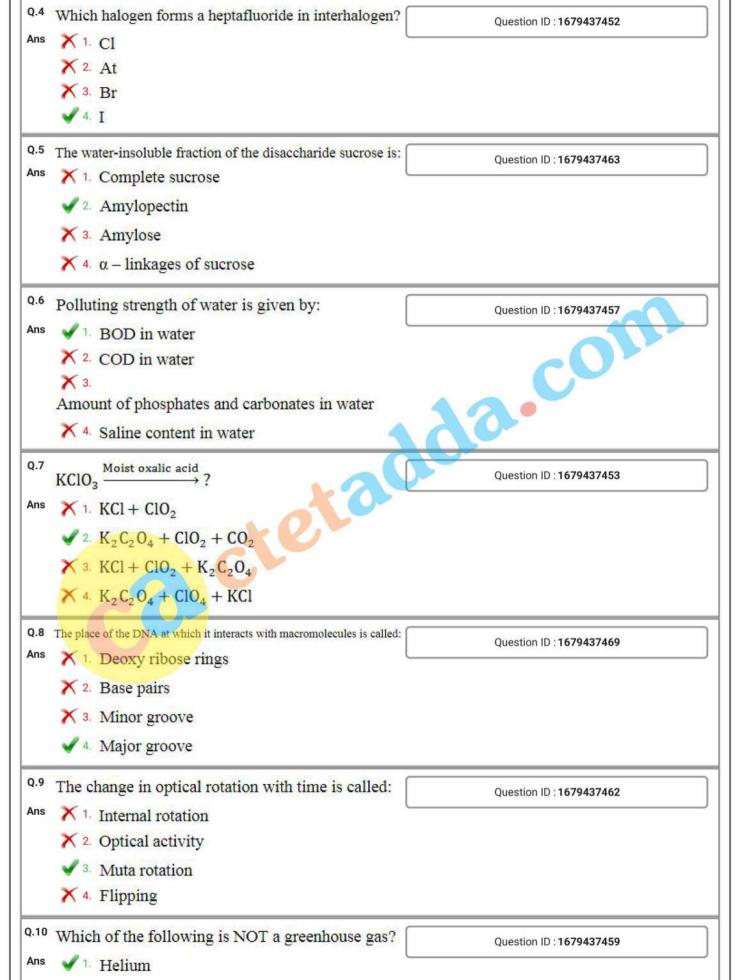




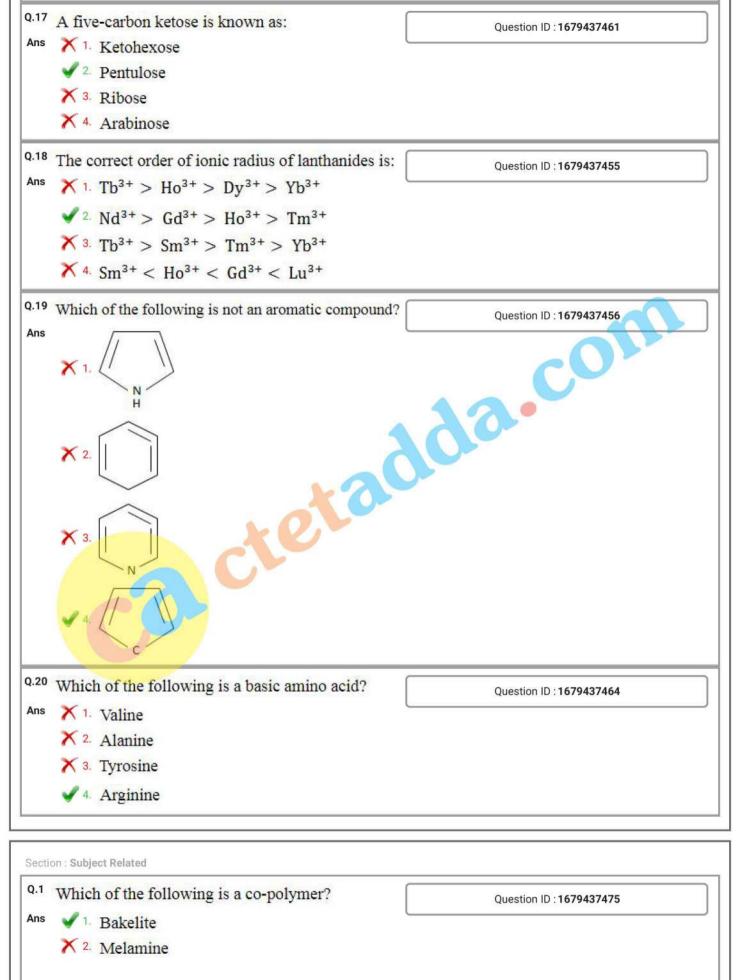


 3. Deep blue coloured ion 4. Colourless 	
Q.12 Cis and trans isomers are possible in: Ans 1. [Cr(NH ₃) ₆] ³⁺ × 2. [Cr(NH ₃) ₄ Cl ₂] ⁺ × 3. [Cr(NH ₃) ₆ Cl] ²⁺ × 4. [Cr(NH ₃) ₃ Cl ₃]	Question ID : 1679437439
Q.13 What does a bacteriostatic drug do? Ans 1 It inhibits the growth of bacteria 2 It does not react with bacteria 3 It increases the growth of bacteria 4 It kills bacteria	Question ID : 1679437443
Q.14 Antiulcer agents among the following is/are: Ans X 1. Zantac X 2. Both Paracetamol and Zantac 3. Paracetamol X 4. Tolbutamide	Question ID : 1679437444
Q.15 How many nodal planes are contained in Π* molecular orbital Ans X 1. 1 X 2. 4 X 3. 3 A 4. 2	Question ID : 1679437432
Q.16 In octahedral complexes, the difference in energy between two d-levels is Ans X 1. 1 Dq X 2. 10 Dq X 3. 1000 Dq 4. 100 Dq	? Question ID : 1679437436
Q.17 How many charges are present in CoCl ₃ .3NH ₃ compound? Ans	Question ID : 1679437435
Q.18 Which of the following is the high spin complex? Ans	Question ID : 1679437441





	× 2. CO ₂	
	X 3. CH₄	
	× 4. Methane derivatives	
Q.11	Which of the following does not occur in DNA?	Question ID : 1679437468
Ans	✓¹. Uracil	
	× 2. Cytosine	
	× 3. Thymine	
	X 4. Guanine	
Q.12	Amino acids at iso-electric point have:	Question ID : 1679437466
Ans	★ 1. Unequal acid-base ionisation	
	× 2. High solubility	
	✓ 3. No electrical conductivity	
	X 4. High mobility	CO
Q.13	Which of the following is not an example of fibrous protein?	Question ID : 1679437465
Ans	X 1. Fibroin	
	✓ 2. Haemoglobin	
	X 3. Collogen	
	× 4. Keratin	
Q.14	Which of the following methods is not used for soil protection?	Question ID : 1679437458
Ans	× 1. Afforestation	
	2. Uses of excess fertilisers	
	Neutralisation of acid in rain by adding lime	
	★ 4. Minimising use of fossil fuels	
Q.15	Thiocyanogen (SCN) ₂ is stable only at:	Question ID : 1679437454
Ans	✓ 1. Low temperature	
	× 2. Room temperature	
	X 3. Very high temperature	
	X 4. High temperature	
Q.16	The pH of Acid rain is:	Question ID : 1679437460
Ans	✓ 1. Below 5.6	
	× 2. Below 3.5	
	X 3. Between 8-9	
	★ 4. Below 4.5	



	X 3. PVC
	X 4. Polyethylene
Q.2	Which of the following has the highest boiling point? Question ID: 1679437484
Ans	X 1. Dimethyl amine
	× 2. Ethyl – methyl amine
	X 3. Isopentane
	✓ 4. Butylamine
Q.3	The nitrogen in the Quaternary ammonium salt is: Question ID:1679437481
Ans	X 1. Bent
	× 2. Linear
	✓ 3. Tetrahedral
	× 4. Square planar
	Which of the following methods is not used for separation of mixture of amines? Question ID: 1679437478
Ans	X 1. Hinsberg method
	× 2. Fractional distillation
	X 3. Hoffmann method
	✓ 4. Curtius method
Q.5	Match the following. Question ID: 1679437487
	a) NH ₂ - OH i) Semicarbazide
	b) NH ₂ - NH ₂ ii) Hydrazine
	c) NH ₂ - NHCONH ₂ iii) Hydroxylamine
Ans	✓ 1. a-iii, b-ii, c-i
	× 2. a-ii, b-i, c-iii
	X 3. a-i, b-ii, c-iii
	X 4. a-ii, b-iii, c-i
Q.6	Oxidation of Tollen's reagent is done by which of the following? Question ID: 1679437488
Ans	× 1. Fructose
	× 2. Cellulose
	✓ 3. Glucose
	× 4. Sucrose
Q.7	Gabriel phthalimide reaction is used for preparation of: Question ID: 1679437477
Ans	★ 1. Tertiary amines

	✓ 3. Primary amines	
3	× 4. Secondary amines	
Q.8 7	Which of the following is not a dicarboxylic acid?	Question ID : 1679437486
Ans	✓ 1. Butyric acid	
	X 2. Succinic acid	
	× 3. Malonic acid	
	X 4. Glutamic acid	
Q.9	The common name of pentanoic acid is:	Question ID : 1679437491
Ans	X 1. Lauric acid	
	X 2. Stearic acid	
	√ 3. Valeric acid	
	× 4. Pivalic acid	CU
Q.10	The length of C-N bonds in amines is:	Question ID : 1679437483
200	X 1. 1.43 A °	70
	× 2. 1.23 A°	1 Or
	✓ 3. 1.47 A°	
	× 4. 1.39 A °	
Q.11 ($C_6H_5COCH_3 \rightarrow C_6H_5CH_2CH_3$	Question ID : 1679437485
1	The above reaction can be achieved using:	
Ans	X 1. SnHCl	
	× 2 Friedal crafts reaction	
	✓ 3. NH ₂ NH ₂	
	× 4. LiAlH ₄	
Q.12	The C-O bond in carboxylic acid is:	Question ID : 1679437489
	\checkmark 1. sp ² – sp ³ shorter	Question is , 1077707707
	\times 2. sp ² – sp ³ longer	
	× 3. sp ³ – sp ³ shorter	
	X 4. sp³− sp³ longer	
Q.13	Which of the following has highest pKa values?	Question ID : 1679437490
Ans	★ 1. Difluoro acetic acid	
8	× 2. Fluoroacetic acid	

	X 3. Trifluoro acetic acid	
	✓ 4. Acetic acid	
Q.14	Amines have:	Question ID : 1679437482
Ans	➤ 1. Non-polar nature	
	✓ 2.	
	High boiling points than non-polar compounds	
	★ 3. High boiling points than alcohols	
	★ 4. High boiling points than COOH's	
Q.15	Formaldehyde polymerises at the temperature that is:	Question ID : 1679437473
Ans	1. Above 200 ° C	
	✓ 2. Below 100 ° C	
	X 3. Between 200 - 300 ° C	
	X 4. Above 500 ° C	
Q.16	Liebermann nitroso reaction is used for testing:	Question ID : 1679437480
Ans	✓ 1. Secondary amines	
	× 2. Primary amines	
	X 3. Tertiary amines	
	X 4. Quaternary amines	
Q.17	Benzaldehyde → C ₆ H5CH ₂ NH ₂ Which of the following reagent is used for the conversion of above reaction?	Question ID : 1679437479
Ans	× 1. PBr ₃	
	× 2. K ₂ Cr ₂ O7 ₇	
	✓ 3. NH ₃ , H ₂ , Ni	
	× 4. NaOBr	
Q.18	The word polymer is derived originally from word.	Question ID : 1679437474
Ans	× 1. Swiss	
	✓ 2. Greek	
	× 3. English	
	× 4. French	
Q.19	Which of the following is not a fiber?	Question ID : 1679437472
Ans	√ 1. Neoprene	or produce and process of the State Control of the
	× 2. Myosin	
	X ₃ Nylon 6	

Q.20	Ti ion in Ziegler Natta Catalyst is assumed to be in which oxidation state?	
Ans	X 1. I	Question ID : 1679437476
	× 2. Ⅱ	
	X 3. Zero	
	✓ 4. III	
eti		
Secti	on : Subject Related	
Q.1	Reaction of alkyne with a solution of an alkali metal in liquid ammonia gives:	Question ID : 1679437510
Ans	X 1. Cis alkene	Question ib . 16/943/510
	× 2. Alkane	
	X 3. Primary amine	
	✓ 4. Trans alkene	
Q.2	Half-filled f-shell of lanthanide ion is:	Question ID : 1679437494
Ans	✓ 1. Tb ⁴⁺	
	X 2. Ce⁴+	A Co
	X 3. Yb ²⁺	
	× 4. Eu³+	
Q.3	Allene must have which of the following type of hybridised carbon?	Question ID : 1679437500
Ans	X 1. sp³d	
	× 2. sp ³	
	X 3. sp ²	
	✓ 4. sp	
Q.4	Manganin is an alloy containing:	Question ID : 1679437492
Ans	× 1. Ni, Mn, Zn	
	× 2. Zn, Cu, Mn	
	√ 3. Cu, Mn, Ni	
	× 4. Mn, Co, Fe	
Q.5	Which of the following statements is correct with regard to benzene substituent?	Question ID : 1679437507
Ans	★ 1.	Question i.D 10/743/30/
	The more deactivating substituent increases the acidity; and the more activating substituent decreases the acidity 2.	
	The more deactivating substituent increases the acidity	
	X 3.	
	The more activating substituent increases the acidity	

X 4. Nylon 6,6

The more activating substituent decreases the acidity

Q.6 Hybridization of below compound is indicated by which option?

Question ID: 1679437503

 $CH3 - C \equiv N$ (a) (b) (c)

Ans

√ 1. sp³ sp

 \times 2. sp³ sp² sp²

 \times 3. sp³ sp sp²

 \times 4. sp³ sp² sp³

Q.7 Which of the following ions have magnetic moment as 7.9 BM?

Question ID: 1679437495

Ans

X 1. Ce4+

X 2. Yb2+

√ 3. Gd³⁺

X 4. Fu3+

Q.8 Which of the below compounds has lowest Pka value?

Question ID: 1679437504

Ans

1. HC = CH

X 2. H₃C - CH₃

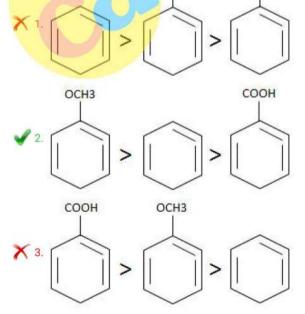
 \times 3. $H_3C - CH = CH_2$

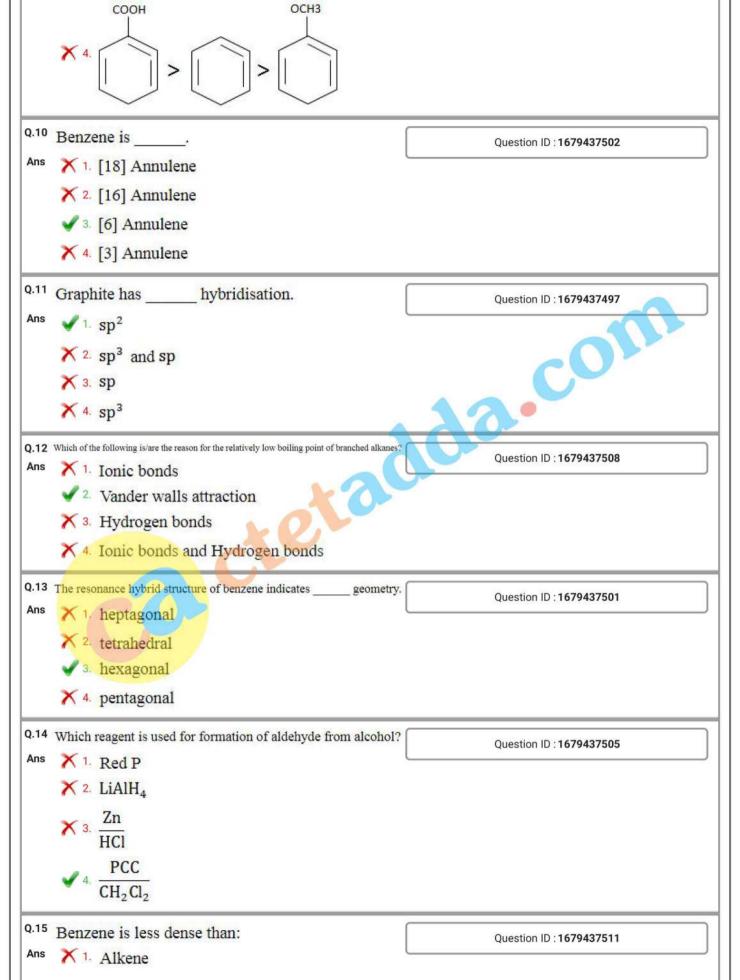
X 4. H2C - CH2

Q.9 Which of the following represents the decreasing order of the rate of electrophilic axomatic substitution? Ans OCH3

COOH

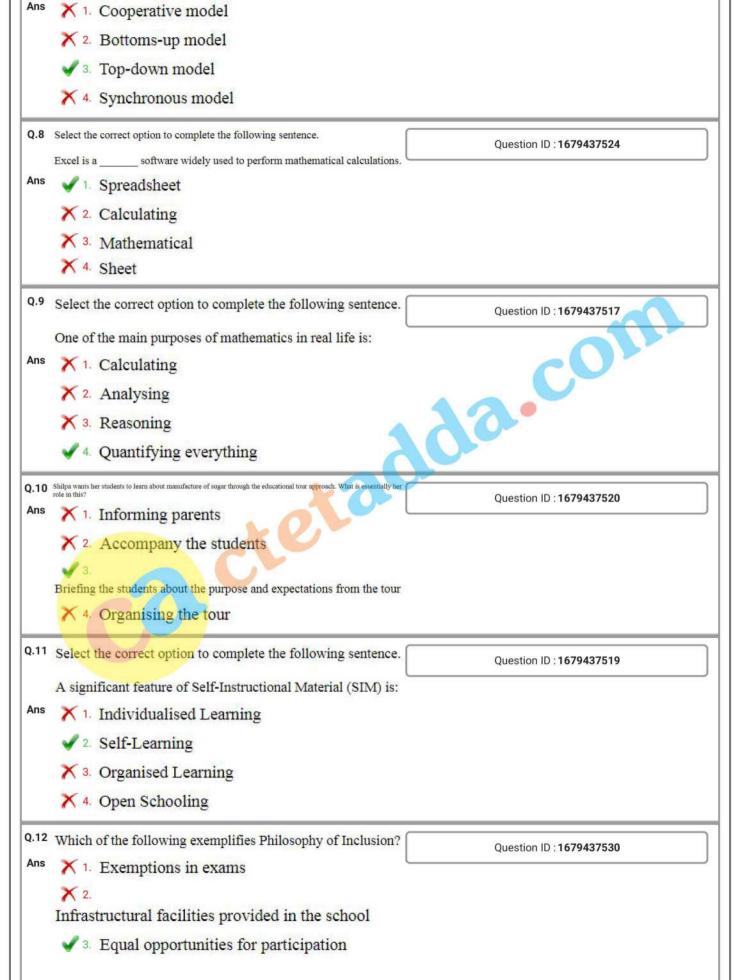
Question ID: 1679437506





	√ 2. Water	
	X 3. Both Alkane and Alkene	
	× 4. Alkane	
Q.16	Which of the following has the lowest bond angle?	Question ID : 1679437498
Ans	× 1. NH ₃	
	√ 2. NH ₄	
	× 3. CH ₄	
	× 4. +NH ₄	
Q.17	In monochlorination of methane, methyl radical is formed in	Question ID : 1679437499
Ans	× 1. None of these options	Question is . 1075437455
	× 2. Termination step	
	X ₃ Initiation step	
	✓ 4. Propagation step	
Q.18	Calcium carbide reacts vigorously with water to yield:	Question ID :1679437509
Ans	✓ 1. Acetylene	
	× 2. Ethane	
	X 3. Carbon	
	X 4. Ethene	
Q.19	What is the correct decreasing order of the shielding effect of electrons?	Question ID : 1679437496
Ans	$\checkmark 1. s > p > d > f$	
	\times 2. $s > d > p > f$	
	\times 3. f > d > s > p	
	\times 4. f > d > p > s	
Q.20	Which is the correct chemical formula of magnetite?	Question ID : 1679437493
Ans	× 1. Mg ₂ O ₃	
	\checkmark 2. Fe_2O_3	
	X 3. Fe ₃ O ₄	
	× 4. FeO(OH)	
Cast	on : Sukiest Deleted	
	on: Subject Related Which of the following is an example of criterion-referenced evaluation?	
Ans	7. Ram scores 50 marks in Science.	Question ID : 1679437528
	× 2.	

	 Geeta corrected 80 items out of 100 items in a test within 60 minutes. 3. Mohan stood third in the class. 4. John is an average student in the class. 	
Q.2 Ans	Which of the following is a major development in free play? *\times 1. Cognitive development *\times 2. Emotional development *\times 3. Physical development *\times 4. Social and language development	Question ID : 1679437512
Q.3	Select the correct option to complete the following sentence. Linguistic creativity can be developed through activities like:	Question ID : 1679437522
Ans	 1. Storytelling 2. Reciting poems 3. Reading 4. Debate 	COM
Q.4 Ans	Identify the SEN (Special Educational Needs). Madhu is the teacher of an inclusive class. She allows Nitin to walk around and gives him time to settle because she knows he: 1. is visually challenged 2. is child with learning difficulties 3. has ADHD 4. is on the Autistic spectrum	Question ID : 1679437531
Q.5	Select the correct option to complete the following sentence. Privatization of schools further added to the: 1. isolated girls from poor families, from school 2. supported the education for all initiatives 3. increased access to education 4. gave scope for adult education	Question ID : 1679437513
Q.6 Ans	Sonu liked to play with balloons, until one day he got frightened by the sound when it burst. From then on, he cries at the sight of balloons. Which of the following theories by psychologists describes this occurrence? 1. Sign-gestalt theory of learning by Tolman 2. Law of effect by Thorndike 3. Operant conditioning by Skinner 4. Classical conditioning by Pavlov	Question ID : 1679437515
Q.7	Select the correct option to complete the following sentence. Listening comprehension is enhanced with a broader understanding in the:	Question ID : 1679437516



	Sitting in the same class in the main stream class	
Q.13	Select the correct option to complete the following sentence. One of the strategies to overcome barriers for reflecting and improving proficiency could be: 1. Seminars 2. Microteaching	Question ID : 1679437529
	3. Meetings with the principal4. Demonstration	
Q.14	Select the correct option to complete the following sentence. Students are taking forward the traditional art culture of 'street plays' to create social awareness, now popular as in the urban areas.	Question ID : 1679437523
Ans	★ 1. Stage Performances	
	× 2. Public Speeches	
	X 3. Social Gatherings	
	✓ 4. Flash Mobs	
Q.15 Ans	Select the statement that is INCORRECT regarding hyperlinks. 1. When a hyperlink is clicked, you are connected to other pages on the web. 2. There should be only one hyperlink on one webpage.	Question ID : 1679437525
	 3. Hyperlinks are highlighted by underlining the text, displaying them in different colours or both. 4. It is a highlighted text on a webpage. 	
Q.16	Select the correct option to complete the following sentence. The direct impact of Deforestation is:	Question ID : 1679437526
Ans	✓ 1 soil erosion and ecological imbalance	
	× 2. surplus animal population	
	× 3. increased number of smaller plants	
	★ 4. disrupted energy flow in the environment	
Q.17	Select the correct option to complete the following sentence.	Question ID : 1679437518
	'Access to education for all girls' is one of the recommendations by:	
Ans	√ 1. NFG on Gender Issues (2006)	
	2. NCERT National Steering Committee on Textbook Evaluation (1999)	
	X 3. NEP (1986)	
	× 4. CEDAW (1993)	
Q.18		Question ID : 1679/37527

