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RAILWAY RECRUITMENT BOARDS रेलवे भर्ती बोर्ड

RRB NTPC Graduate 17th Jan 2017 Shift 2

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	17/01/2017
Test Time:	12:30 PM - 2:00 PM
Subject:	RRB NTPC Graduate

1. Options shown in green color with a tick icon are correct

2. Chosen option on top right of the question indicates the option selected by the candidate

Q.1	entered the Guinness World Records for recording the highest number of songs in several	
Ans	Ianguages.	Question ID : 9888374390 Status : Answered
	X 2. Sameer Anjaan	Chosen Option : 3
	3. P. Susheela	
	X 4. Kavita Krishnamurthy	
Q.2	Space research does NOT include the discipline	Question ID : 9888374409
Ans	✓ 1. Human culture	Status : Answered
	X 2. Physics	Chosen Option : 1
	X 3. Biology	
	X 4. Earth science	
Q.3	A question and three statements labeled (I), (II) and (III) are given. You	Question ID : 9888374487
	have to decide which statement(s) is/are sufficient to answer the question.	Status : Answered
		Chosen Option : 4
	Question: How many people are in the queue?	
	Statements:	
	I. A man is 3 rd from the beginning of the queue.	
	II. A man is 20 th from the center of the queue.	
	III. A man is 7 th from the end and 14 th from the beginning.	
	Select the right option from the following.	
Ans	X 1. Only statement II is sufficient.	
	X 2. Only statement I is sufficient.	
	X 3. Data inadequate.	
	 4. Only statement III is sufficient. 	
	*. Omy statement III is sufficient.	
Q.4	Chlorofluorocarbons are not used in	Question ID : 9888374382
Ans	X 1. Refrigerators	Status : Answered
		Olalus . Answered

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	2. Mixer and grinders	Chosen Option : 2
	 Air conditioners 4. Packing materials 	
	Complete the analogy. Illiterate : Educated :: Flood :	Question ID : 9888374451 Status : Answered
Ans	X 1. Rain	Chosen Option : 2
	2. Drought	
	X 3. Well	
	X 4. River	
Q.6	Archery is the national sport of which one of the following countries?	Question ID : 9888374379
Ans	🗙 1. Turkey	Status : Answered
	X ² China	Chosen Option : 4
	🖋 ^{3.} Bhutan	
	🗙 4. Japan	
Q.7	Choose the best option and fill up the blank: 'Ethnic' group of people, more appropriately, refers to people with a	Question ID : 9888374388
Ans	X 1. same behavior	Status : Answered Chosen Option : 3
	✓ ² . shared culture	
	X 3. same genetic identity	
	X 4. same nationality	
Q.8 Ans	 Which one of the following statements is incorrect? ¹ Rational numbers do not include fractions. 2. Real numbers which are not rational must be irrational. 3. A real number is unique. 	Question ID : 9888374418 Status : Answered Chosen Option : 1
	X 4. Real numbers can be added, subtracted, multiplied or divided.	
Q.9	MS Word is an example of:	
Ans	✓ 1. Application Software	Question ID : 9888374406 Status : Answered
	X 2. Compiler	Chosen Option : 1
	X 3. Operating System	
	🗙 4. System Software	
Q.10	Arrange the numbers in descending order: $3\sqrt{5}$, $2\sqrt{8}$, $4\sqrt{6}$	
Ans	$1.4\sqrt{6} < 3\sqrt{5} < 2\sqrt{8}$	Question ID : 9888374416 Status : Answered
	\times 2. $2\sqrt{8} > 4\sqrt{6} > 3\sqrt{5}$	Chosen Option : 3
	$\sqrt{3.4\sqrt{6}} > 3\sqrt{5} > 2\sqrt{8}$	
	\times 4. $2\sqrt{8} > 3\sqrt{5} < 4\sqrt{6}$	
Q.11	X is the son of W and W is the brother of V. V is the sister of U. How is U	Question ID : 9888374468
Ans	related to X?	Status : Answered
		I I I I I I I I I I I I I I I I I I I

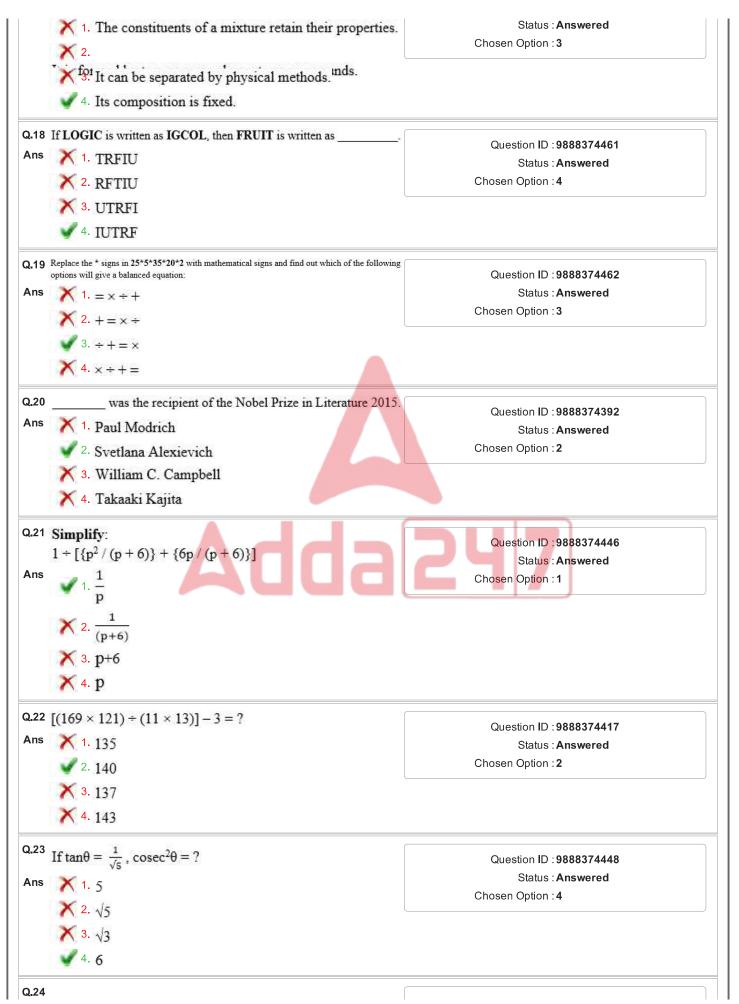




	✓ 1. Cannot be determined	Chosen Option : 1
	2. Daughter 3. Mother	
	X 4. Sister	
Q.12	St. Peter's Square is located in which of the following places?	Question ID (0000274002
	X 1. Athens	Question ID : 9888374393 Status : Answered
	× 2. Berlin	Chosen Option : 1
	X 3. Washington	
	4. Vatican City	
Q.1 3	FDI stands for:	
Ans	✗ 1. Federal Department of Investment	Question ID : 9888374410 Status : Answered
	X 2. Forest Development Index	Chosen Option : 4
	X 3. Federal Department of Investigation	
	4. Foreign Direct Investment	
Q.14	17th Summit of the Non-Aligned Movement (NAM) was held in Venezuela with the slogan:	Question ID : 9888374368
Ans	X 1. United for Peace and Harmony	Status : Answered
	2. United on the Path for Peace	Chosen Option : 3
	X 3. United on the Path of Global Peace	
	X 4. United on the Path for Sustainable Peace	
Q.15	A statement followed by some conclusions are given below.	Question ID : 9888374474
		Status : Answered
	Statement: All drugs have side effects. So, there is always a built-in risk	Chosen Option : 1
	while taking medicines.	
	Conclusions:	
	I. No medicine is without the risk of side effects.	
	II. Drugs make things worse than the disease itself. Find which of the given conclusions logically follows from the given	
	statement.	
Ans	1. Only conclusion I follows	
	X 2. Only conclusion II follows	
	X 3. Neither I nor II follows	
	X ^{4.} Both I and II follow	
Q.1 6	Which one of the following has a terminating decimal expansion?	Question ID : 9888374420
Ans	\times 1. $\frac{1}{2}$	Status : Answered
	e^{6}	Chosen Option : 2
	\times 3. $\frac{10}{3}$ \times 4. $\frac{1}{11}$	
	\times 4. $\frac{1}{11}$	
Q.17	X 4. $\frac{1}{11}$ In science, which of the following is NOT the property of a mixture?	Question ID : 9888374398



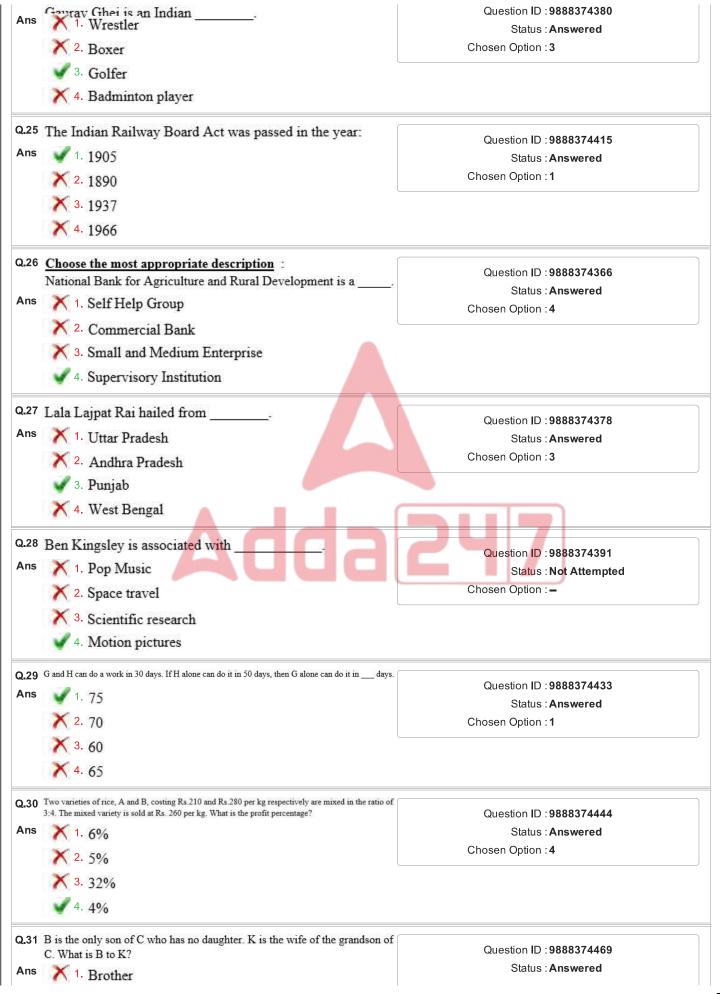




4/21

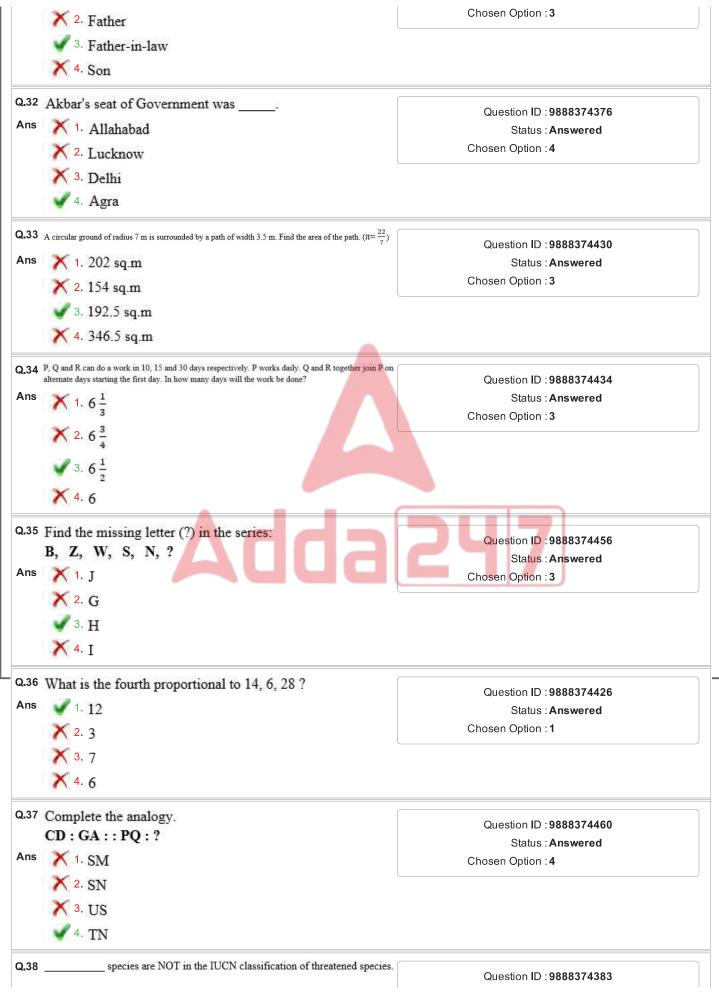












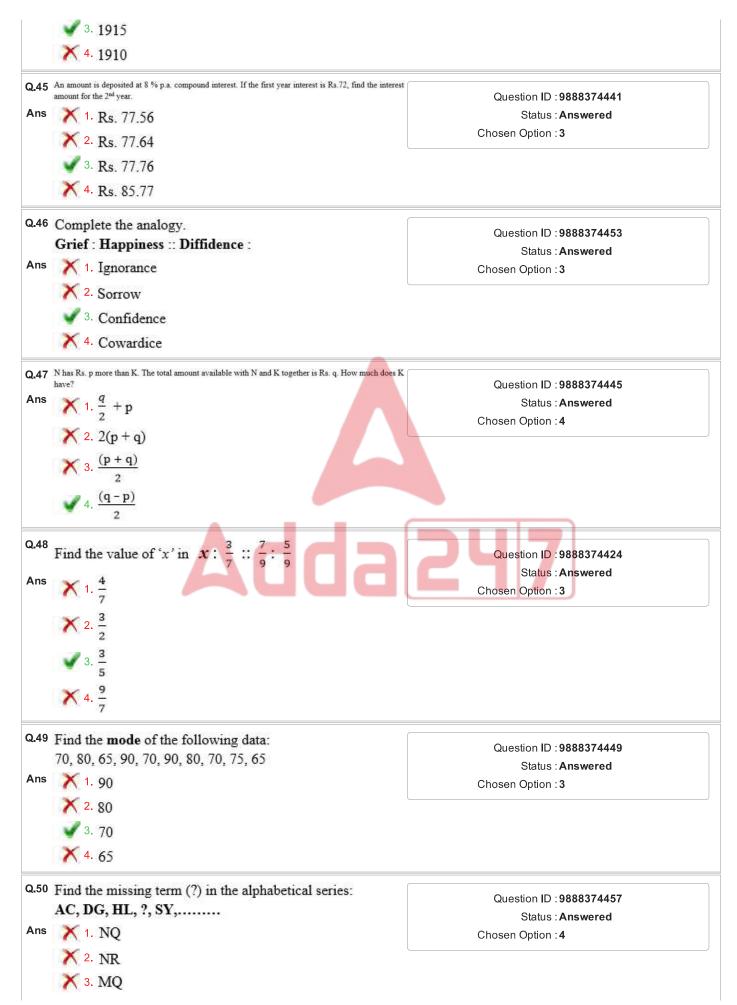




Ans	💜 1. Harmful	Status : Answered
	2. Extinct	Chosen Option : 1
	X 3. Vulnerable	
	X 4. Endangered	
Q.39	The simple interest on a sum deposited at 8% p.a. for 8 years is Rs. 16,000. What will be the compound interest on the same sum at one fourth of the above rate of interest for 2 years?	Question ID : 9888374440
Ans	X 1. Rs. 1,020	Status : Answered
	× 2. Rs. 980	Chosen Option : 3
	3. Rs. 1,010	
	× 4. Rs. 1,015	
Q.40	Study the given statements and select the appropriate answer option based on them.	Question ID : 9888374486
	Statements:	Status : Answered
	I. V is not shorter than A.	Chosen Option : 2
	I. D is shorter than V.	
	III. A is shorter than D.	
Ans	X 1. D is shorter than A	
	✓ ² . A is shorter than V and D	
	X 3. A is taller than V.	
	X 4. D is shorter than A and V	
Q.4 1	Which one of the following best describes the term 'capital gains tax' in India?	
Ans	X 1. Tax on dividend received from corporate bonds.	Question ID : 9888374411 Status : Answered
	2.	Chosen Option : 2
	Tax on profit from sale of a capital asset during a year.	
	\times 3. Tax on interest received from bank fixed deposits.	
	X 4.	
	Tax on profit from sale of shares held for more than 12 months.	
Q.42	D can do a work in 18 days and E can do the same work in half that time. How many days will they take to finish the work, doing it together?	Question ID : 9888374432
Ans		Status : Answered
	X 2. 4	Chosen Option : 4
	× 3. 7	
	4. 6	
	15 laptops were purchased at Rs. 15,000 each and all of them were sold for Rs. 2.97 Lakh. Find the profit percentage.	Question ID : 9888374442
Ans	× 1. 28%	Status : Answered
	X 2. 40%	Chosen Option :4
	₮ 3. 33.33%	
	4. 32%	
Q.44	In which year, did Mahatma Gandhi return to India from South Africa?	
Ans	× 1 1905	Question ID : 9888374377 Status : Answered
	× 2. 1920	Chosen Option : 3
	1720	P · · · ·











Q.51 $(1+2/3) \div [(1+1/3) \div (2/3+1)] =?$	Question ID : 9888374419
Ans X 1. 4	Status : Answered
3	Chosen Option : 4
\times 2. $\frac{3}{4}$	
. Ag	
\times 3. $\frac{12}{25}$	
$4.\frac{25}{12}$	
Q.52 Which one of the following is NOT an Omnivore?	Question ID : 9888374400
Ans 🔀 1. Rat	Status : Answered
X 2. Ant	Chosen Option : 3
X 3. Bear	
💞 ^{4.} Snake	
Q.53 If $P : Q : R$ is $1/3 : 2/3 : 1/4$ and $Q = 56$, then $P - R$	= ? Question ID : 9888374425
Ans 🔀 1. 5	Status : Answered
2.8	Chosen Option : 4
3.6	
4. 7	
Q.54 'Mission Raftaar' project is associated with:	Question ID : 9888374413
Ans X 1. Air transport	Status : Not Attempted
X 2. Road transport	Chosen Option : -
X 3. Water transport	
4. Rail transport	
2.55 cannot be corrected with spectacles.	Question ID : 9888374403
Ans 🛛 🗙 1. Presbyopia	Status : Answered
🔀 2. Hypermetropia	Chosen Option : 3
✓ ^{3.} Cataract	
🗙 4. Myopia	

Comprehension:

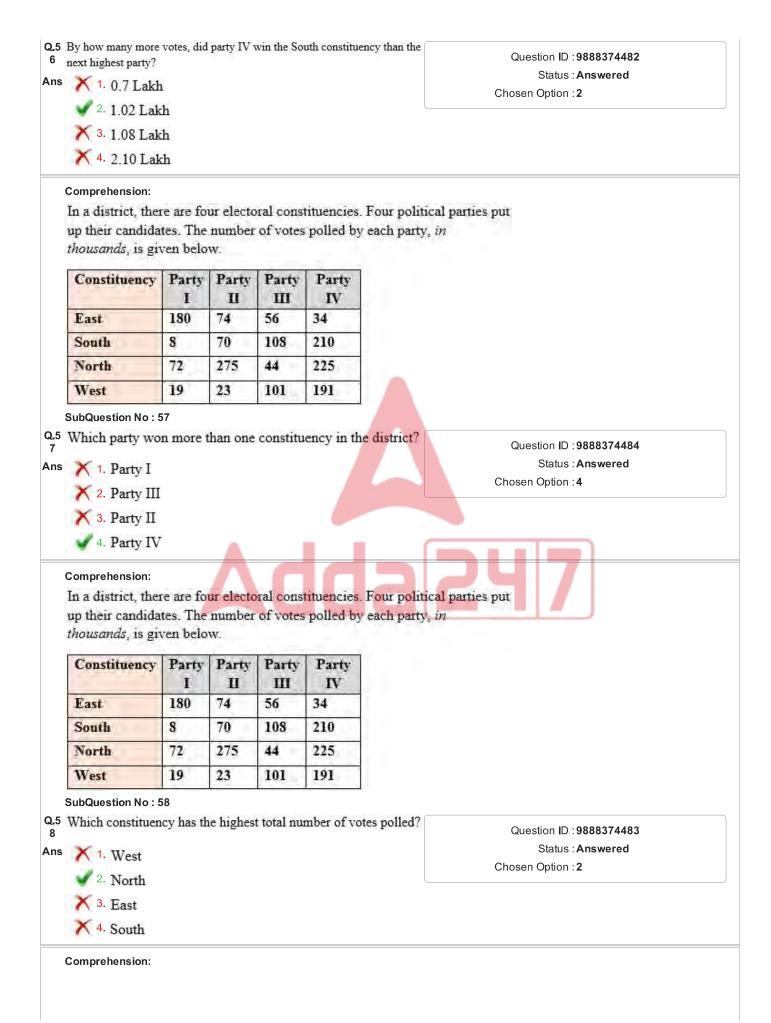
In a district, there are four electoral constituencies. Four political parties put up their candidates. The number of votes polled by each party, *in thousands*, is given below.

Constituency	Party I	Party II	Party III	Party IV
East	180	74	56	34
South	8	70	108	210
North	72	275	44	225
West	19	23	101	191

SubQuestion No: 56











In a district, there are four electoral constituencies. Four political parties put up their candidates. The number of votes polled by each party, *in thousands*, is given below.

Constituency	Party I	Party II	Party III	Party IV
East	180	74	56	34
South	8	70	108	210
North	72	275	44	225
West	19	23	101	191

SubQuestion No : 59

X 3. Q X 4. p	
2. T	`````````````````````````````````
Ans \times 1. R	Chosen Option : 2
	Status : Answered
Q.6 Who is the banker?	Question ID : 9888374473
SubQuestion No : 60	
4. P is the wife of R.	
3. U is neither a banker nor a politician.	_
 Q is an actor whose brother T is not a politician. 	
1. R is the ex-serviceman married to a housewife.	
following information and answer the questions based on it.	
actor, a banker, an ex-serviceman, a nurse and a housewife. Cons	ider the
P, Q, R, S, T and U follow different professions. There is a politic	cian, an
Comprehension:	
4. Party IV	
X 3. Party III	
× 2. Party I	Chosen Option : 4
Ans 🔀 1. Party II	Status : Answered
Q.5 Which party polled the highest number of votes in the district as a whole?	Question ID : 9888374481
SubQuestion No : 59	

Comprehension:

P, Q, R, S, T and U follow different professions. There is a politician, an actor, a banker, an ex-serviceman, a nurse and a housewife. Consider the following information and answer the questions based on it.

- 1. R is the ex-serviceman married to a housewife.
- 2. Q is an actor whose brother T is not a politician.
- 3. U is neither a banker nor a politician.
- 4. P is the wife of R.

SubQuestion No : 61

Q.6 Who is the politician?



Question ID : 9888374471 Status : Answered Chosen Option : 1

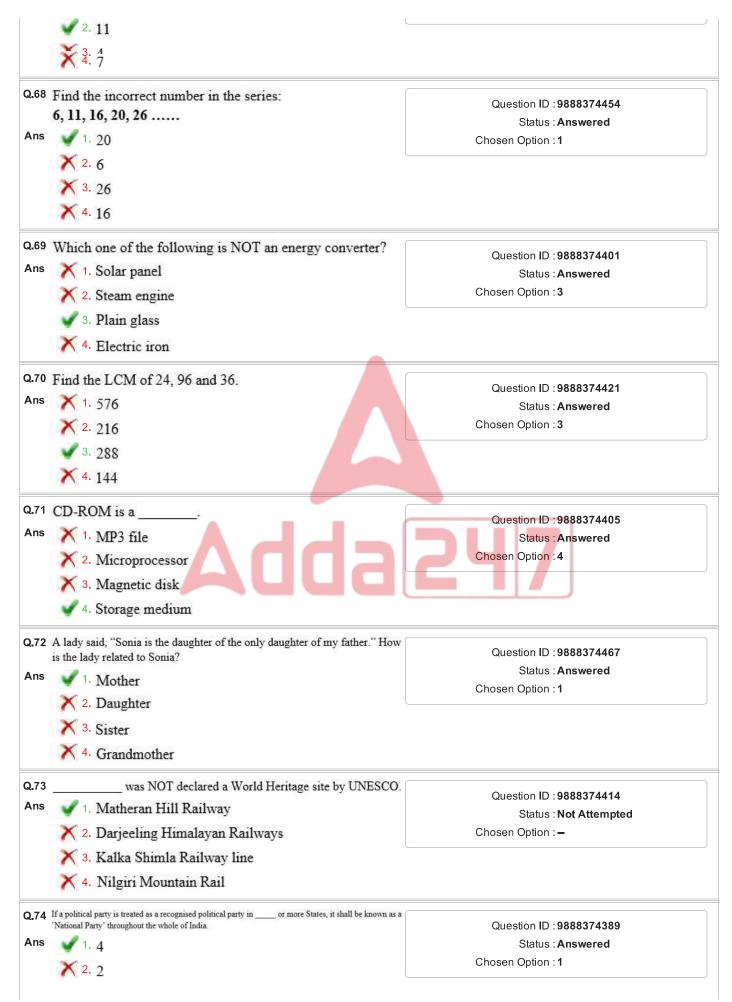




	X 4. R			
C	omprehension:			
I	P, Q, R, S, T and U follow different professions. There is a po	litician, an		
	ictor, a banker, an ex-serviceman, a nurse and a housewife. C			
f	following information and answer the questions based on it.			
	1. R is the ex-serviceman married to a housewife.			
	2. Q is an actor whose brother T is not a politician.			
	3. U is neither a banker nor a politician.			
	4. P is the wife of R.			
	ubQuestion No : 62			
Q.6 2	Who is the nurse?	Question ID :9888374472		
	🗙 1. р	Status : Answered		
	X 2. T	Chosen Option : 3		
	✓ 3. U			
	X 4. S			
	The first pair of words has a certain relation. Find the word with the same relation to complete the next pair.	Question ID : 9888374465		
Ans	River : Bank : : Sea : ?	Status : Answered		
Alla	1. Shore	Chosen Option : 1		
	X 2. Creek			
	X 3. Bay			
	X 4. Sand			
0.64	Which one of the following is NOT a children welfare scheme?			
	× 1.	Question ID : 9888374369		
	Inclusive education for the disabled at secondary stage	Status : Answered		
		Chosen Option : 3		
	X 2. Sarva Shiksha Abhiyan			
	💞 3. Swayamsiddha			
	X 4. Right to Education			
Q.65	A man buys a refrigerator at Rs. 22,000 and pays an additional Rs. 1,000 for transport and Rs. 2,000 for installation. What should be the selling price to get a profit of 15% on the whole transaction?	Question ID : 9888374443		
Ans	× 1. Rs. 27,250	Status : Answered		
	× 2. Rs. 28,500	Chosen Option : 3		
	✓ ^{3.} Rs. 28,750			
	× 4. Rs. 29,250			
	What do we call those who study the Earth and its land, features and inhabitants, as?	Question ID : 9888374373		
Ans	X 1. Historians	Status : Answered		
	X 2. Farmers	Chosen Option : 3		
	💞 3. Geographers			
	X 4. Biographers			
Q.67	Find the HCF of 143, 77 and 121.			
	× 1. 6	Question ID : 9888374422		
-		Status : Answered		
		Chosen Option : 2		

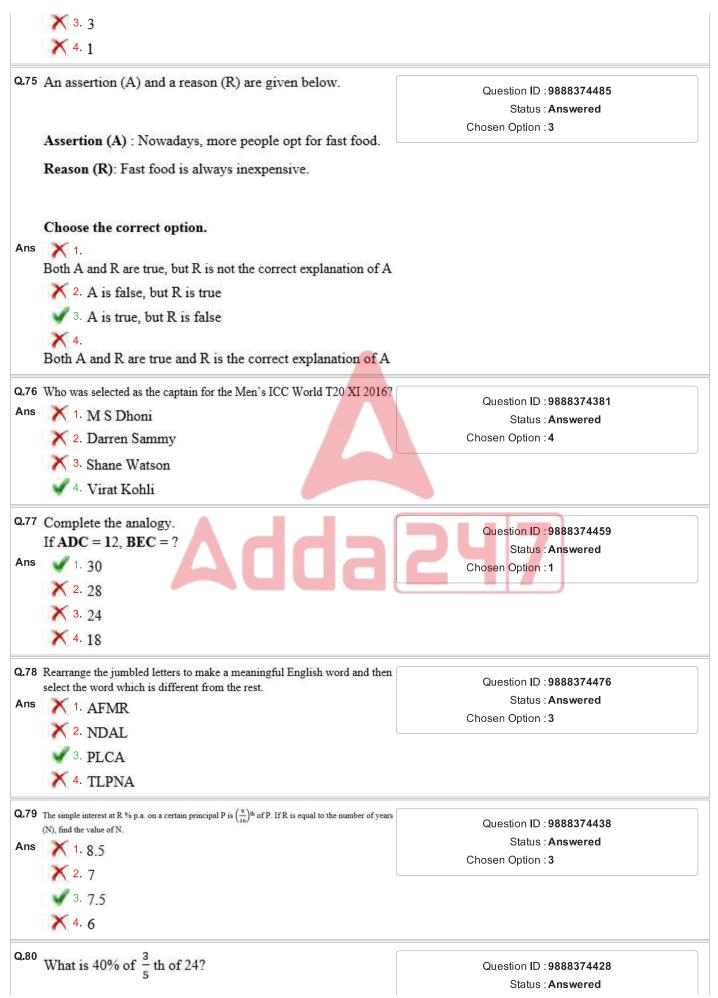
Δd	da	24	7	
	uu			















Ans	× 1. 14.4	Chosen Option : 2
	2. 5.76 3. 7.2	
	X 4. 9.6	
Q.81	The World Heritage Site having the architectural work of Le Corbusier is located in:	
Ans	X 1. Kochi	Question ID : 9888374394 Status : Not Attempted
	2. Chandigarh	Chosen Option : –
	X 3. Goa	
	X 4. Puducherry	
Q.82 Ans	Which one of the following states does NOT have the Indian Elephant as its State animal?	Question ID : 9888374371
Alla	✓ 1. Assam	Status : Answered
	X 2. Karnataka	Chosen Option : 1
	X 3. Kerala	
	X 4. Jharkhand	
Q.83	A statement followed by some conclusions are given below.	Question ID : 0000274475
	Statement: Nowadays, life has become very difficult without a mobile	Question ID : 9888374475 Status : Marked For Review
	phone.	Chosen Option : 3
	Conclusions:	
	I. Total number of mobile subscribers is increasing.	
	II. Mobile has become an integral part of life. Find which of the given conclusions logically follows from the given	
	statement.	
Ans	X 1. Only conclusion I follows	
	X ^{2.} Neither I nor II follows	
	X 3. Both I and II follow	
	4. Only conclusion II follows	
Q.84	A question and three statements labeled (I), (II) and (III) are given. You	
	have to decide which statement(s) is/are sufficient to answer the question.	Question ID : 9888374488 Status : Answered
		Chosen Option : 4
	Question: Find the present age of Y.	·
	Statements:	
	I. At present, X is 3 times as old as Y.	
	II. X and Y started schooling in the same year.III. After 5 years, the age of X will be 2½ times that of Y.	
	Select the right option from the following.	
Ans	▲ 1 Both statements I and II are sufficient.	
	X ^{2.} Both statements II and III are sufficient.	
	X 3. Only statement I is sufficient.	
	4. Both statements I and III are sufficient.	
Q.85		
-410J		Question ID : 9888374466





The first pair of words has a certain relation. Find the word with the same of both Apollo te the next pair. Chosen Option : 4 Ans Xer Sunopa :: Earth : ? X 3. Phobos 4. Moon Q.86 Car I covers a distance in a certain time. Car II takes double the time to cover half the same distance Question ID : 9888374436 Find the ratio of their respective speeds Ans Status : Answered X 1 1 : 2 Chosen Option : 4 2.1:4 3.2:1 4.4:1 Q.87 Complete the analogy. Question ID : 9888374452 B:8::C:? Status : Answered Ans 📝 1. 27 Chosen Option : 1 X 2. 10 X 3. 24 🗙 4. 11 Q.88 Which of the following is NOT an environmental problem? Question ID : 9888374385 Ans X 1. Genetic modification of food Status : Answered Chosen Option : 2 2. Afforestation X 3. Acid Rain 🗙 4. Loss of Biodiversity Q.89 Speeds greater than the speed of sound in air are known as Question ID : 9888374402 Ans 🛛 💕 1. Supersonic Status : Answered 🗙 2. Solar Chosen Option : 1 X 3. Infrasonic X 4. Ultrasonic Q.90 What is the next term in the following alphabetical series? Question ID : 9888374458 ACBD, FHGI, KMLN, ? Status : Answered Ans 🗙 1. OQPR Chosen Option : 2 🖌 2. PRQS X 3. PQRS X 4. OPQR Q.91 Which one is NOT true with electromagnets? Question ID : 9888374395 Ans X 1. It is a temporary magnet. Status : Marked For Review Chosen Option : 3 X 2. Its strength varies with the air gap between its poles. 3. Polarity cannot be changed. X 4. Its strength can be changed. Q.92 Question ID : 9888374384





Ans	nour lifestyle. an our lifestyle. an our lifestyle.	Status : Answered	
	\times s are on the originations help in re-creating the quality of	Chosen Option : 4	
	X 3. outer space.		
	✓ 4. the air we breathe.		
Q.93	The areas of two similar triangles are 169 sq.cm and 121 sq.cm. If the longest side of larger triangle is 26 cm, then the length of the longest side of the other triangle is	Question ID : 9888374447	
Ans		Status : Answered	
	× 2. 18 cm	Chosen Option : 4	
	× 3. 28 cm		
	✓ 4. 22 cm		
	• 4. 22 cm		
Q.94	If a student's marks were increased by 25%, he would have scored 75 in his test. How much did he actually score?	Question ID : 9888374429	
Ans		Status : Answered	
	2. 50	Chosen Option : 1	
	X 3. 15		
	× 4. 25		
	··· 23		
Q.95	A formula in MS Excel starts with a symbol.	Question ID : 9888374404	
Ans	X 1. +	Status : Not Attempted	
	2. =	Chosen Option : -	
	X 3. #		
	X 4. @		
	If the mean of distribution 10, 8, 15, 12, K, 25 is 12, find the value of K.	Question ID : 9888374450	
Ans		Status : Answered	
	× 2.1	Chosen Option : 1	
	X 3. 4		
	× 4. 3		
Q.97	Find the missing number (?) in the following series.		
	1, 1.5, 2.5, 4, ?, 8.5, 11.5,	Question ID : 9888374455 Status : Answered	
Ans	1. 6	Chosen Option : 1	
	× 2. 5		
	× 3. 4.5		
	× 4. 5.5		
0 <u>98</u>	Which of the following is a non-food crop?		
Ans	✓ 1. Fiber crops	Question ID : 9888374370	
	-	Status : Answered Chosen Option : 1	
	× 2. Coffee		
	X 3. Oil seeds		
X 4. Sugarcane			
Q.99	Find the least square number which is exactly divisible by 4, 9 and 14.		
Ans	× 1. 1008	Question ID : 9888374423 Status : Answered	
		Cidido : Allottel Cu	

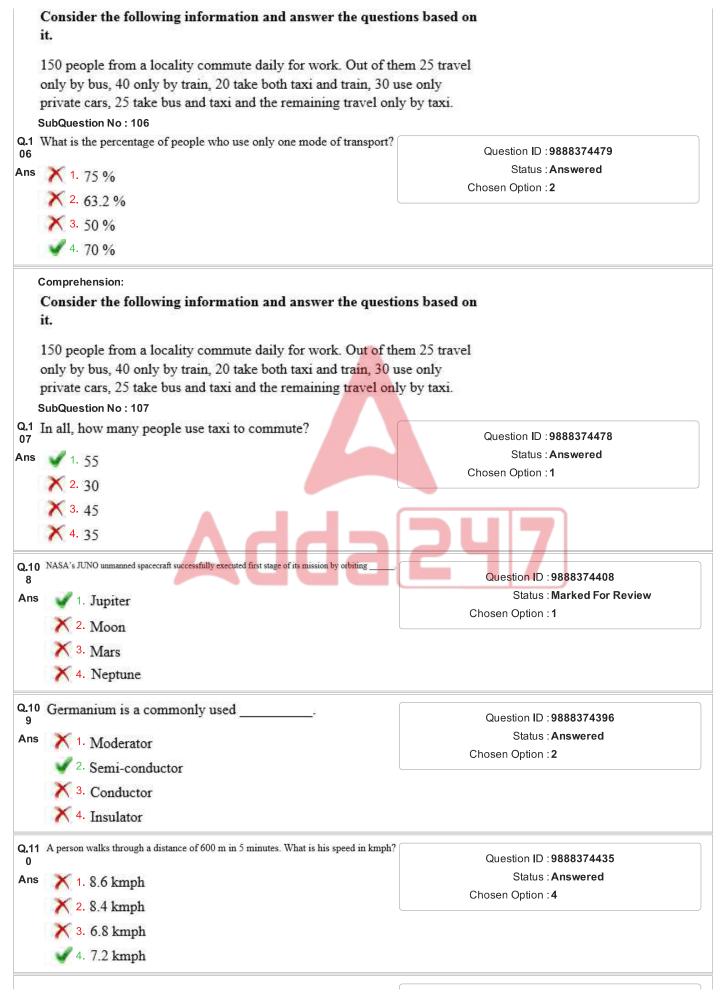




	2. 252	Chosen Option : 3			
	3 . 1764				
	× 4. 504				
0	One of the conditions for recognition of a political party as a State party in India is that it secures at least% of the valid votes polled at the last general election in the State to the Legislative Assembly.	Question ID : 9888374387			
Ans	X 1. 4	Status : Marked For Review Chosen Option : 4			
	2. 5				
	3. 3				
	4. 6				
	The source of the Sanskrit phrase 'Satyameva Jayate' lies in the				
1 Ans		Question ID : 9888374375 Status : Answered			
Ans	✔ 1. Mundaka Upanishad	Chosen Option : 1			
	2. Agam Literature				
	X 3. Tripitaka				
	X 4. Bible				
Q.10	States Reorganization Commission was constituted in the year	Question ID : 9888374386			
2 Ans	× 1. 1956	Status : Answered			
	× 2. 1954	Chosen Option :1			
	3. 1953				
	X 4. 1955				
Q.10 3	If the mathematical operators –, +, × and \div are represented by A, B, C and D respectively, then find the value of	Question ID : 9888374463			
Ans	9 B 20 C 12 D 6 A 8.	Status : Answered			
Alla		Chosen Option : 4			
	2. 49				
	× 3. 57				
	4. 41				
Q.10 4	'Flora and fauna' refer to	Question ID : 9888374399			
Ans	\times 1 birds and animals	Status : Answered			
	× 2. mountains and rivers	Chosen Option : 3			
	3. plants and animals				
	\times 4 humans and animals				
0.10	In general, physical classification of states of matter does not include the state.				
5	m general, physical classification of states of matter does not include the state.	Question ID : 9888374397			
Ans	✓ ^{1.} Colloidal	Status : Answered Chosen Option : 1			
	X ^{2.} Gaseous				
	X 3. Liquid				
	X 4 Solid				
Comprehension:					







19/21





	A pack of chocolates is divided between three friends, Amar, Akbar and Anthony in the ratio 3:4:5 respectively. If Akbar gets 50 chocolates more than Amar, then how much does Anthony get? 1. 250 2. 100	Question ID : 9888374427 Status : Answered Chosen Option : 1
	 X 3. 150 X 4. 200 	
Q.11 2 Ans	A portion inside a rectangle of length 5 m and breadth 2 m is shaded in the form of a square of side 2 m. What is the ratio of the area of the shaded square to the unshaded portion of the rectangle? 1. 3 : 2 2. 2 : 3 3. 5 : 2 4. 2 : 5	Question ID : 9888374431 Status : Answered Chosen Option : 2
Q.11 3 Ans	 *NITI' in NITI Aayog stands for: 1. National Index of Transcending Indian 2. National Institute of Transforming India 3. National Institution for Tracking Indians 4. National Institution for Transforming India 	Question ID : 9888374412 Status : Answered Chosen Option : 4
Q.11 4 Ans	The Kingdom of Bhutan lies in the Himalayas.	Question ID : 9888374372 Status : Marked For Review Chosen Option : 2
5	A car covers a certain distance in 45 minutes at a speed of 60 kmph. What should be the speed in kmph, if it has to cover the same distance 5 minutes earlier? 1. 62 2. 58.25 3. 55 4. 67.5	Question ID : 9888374437 Status : Answered Chosen Option : 4
Q.11 6 Ans	In September 2016, WHO (World Health Organisation) certified that is malaria-free. 1. Malaysia 2. Sri Lanka 3. Singapore 4. China	Question ID : 9888374367 Status : Marked For Review Chosen Option : 1
	What will be the value of the expression if the signs '+' and '×' are interchanged? 45 ÷ 0.4 − 21 × 3 + 1 1. − 5 2. 12 3. 7 4. 11	Question ID : 9888374464 Status : Answered Chosen Option : 2





Q.11 8 Ans	 Which one of the following is not considered as harmful to the society? 1. Child marriage 2. Dowry system 3. Untouchability 	Question ID : 9888374374 Status : Answered Chosen Option : 4		
	 4. Adult franchise 			
9	Find the compound interest on Rs. 6400 at 25% p.a. for 3 years. 1. Rs. 6,050 2. Rs. 6,150	Question ID : 9888374439 Status : Answered Chosen Option : 4		
	× 3. Rs. 6,000 4. Rs. 6,100			
Q.12 0 Ans	 DNS stands for: 1. Domain Name System 2. Data Net Service 3. Data Net System 4. Domain Name Setup 	Question ID : 9888374407 Status : Not Attempted Chosen Option : –		
Adda 247				