



Multi Tasking Non Technical Staff and Havaldar CBIC and CBN Examination 2024

Exam Date	28/10/2024
Exam	4:00 PM - 5:30 PM
Time	4.00 FIVI - 5.50 FIVI
Subject	MTS Non Tech Havaldar CBIC and CBN Examination 2024

Q.1			Computer Science Engineering and Data Structures from	six
	colleges.Study the table to an College	CSE	DS	
	A1	245	320	
	A2	325	435	
	A3	235	410	
	A4	251	290	
	A5	243	207	
	A6	280	315	
Ans	What percentage of the stude X 1. 42%	nts in college A5 study Dat	a Structures out of the students studying CSE and DS?	
	X 2. 52%			
	v 3. 46%			
	X 4. 54%			
Q.2	In an election between two ca invalid votes, what was the to		5% of the votes and lost by 6 votes. Assuming that there	were no
Ans	X 1.50			
	X 2. 30			
	🗙 3. 18			
	4 . 20			
Q.3		ter giving two successive o	iscounts of 8.5% and 6%. Find the marked price.	
Ans	🗙 1. ₹9,848			
	 ✓ 2. ₹10,000 ✓ 0. ₹0.000 			
	X 3. ₹9,000			
	🗙 4. ₹9,612			
Q.4 Ans	Find the simple interest (in ₹)	on ₹3500 as a sum borrow	ed at 4% per year rate of interest for 3 years.	
	× 2.460			
	✗ 3. 380			

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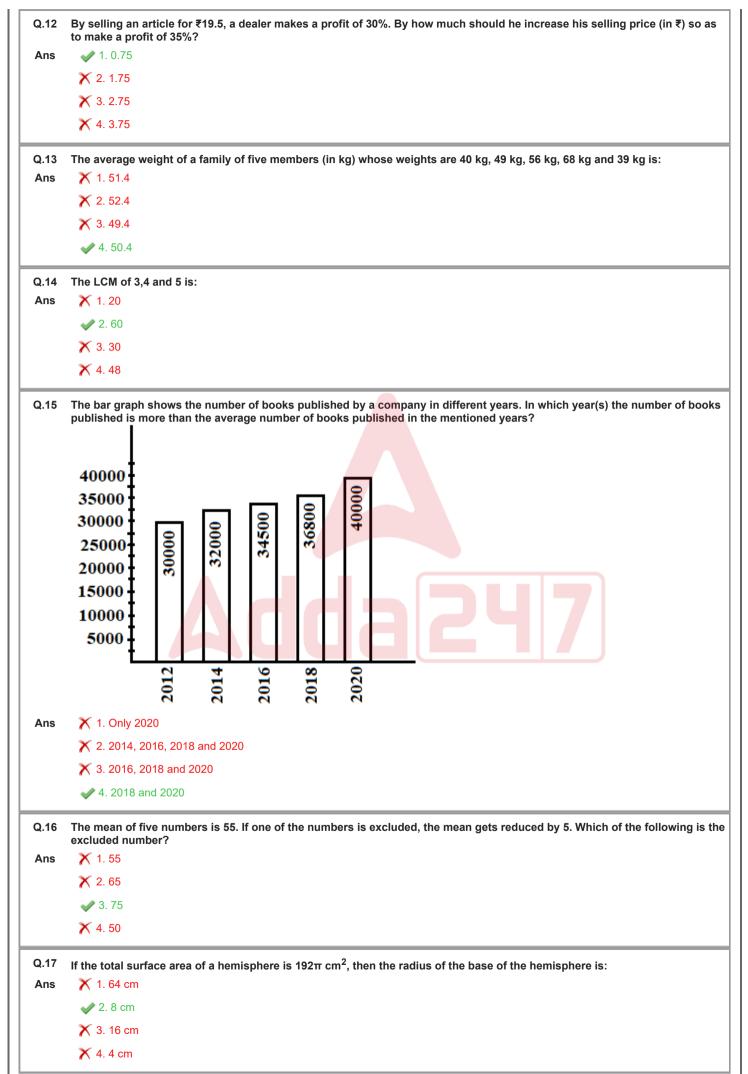


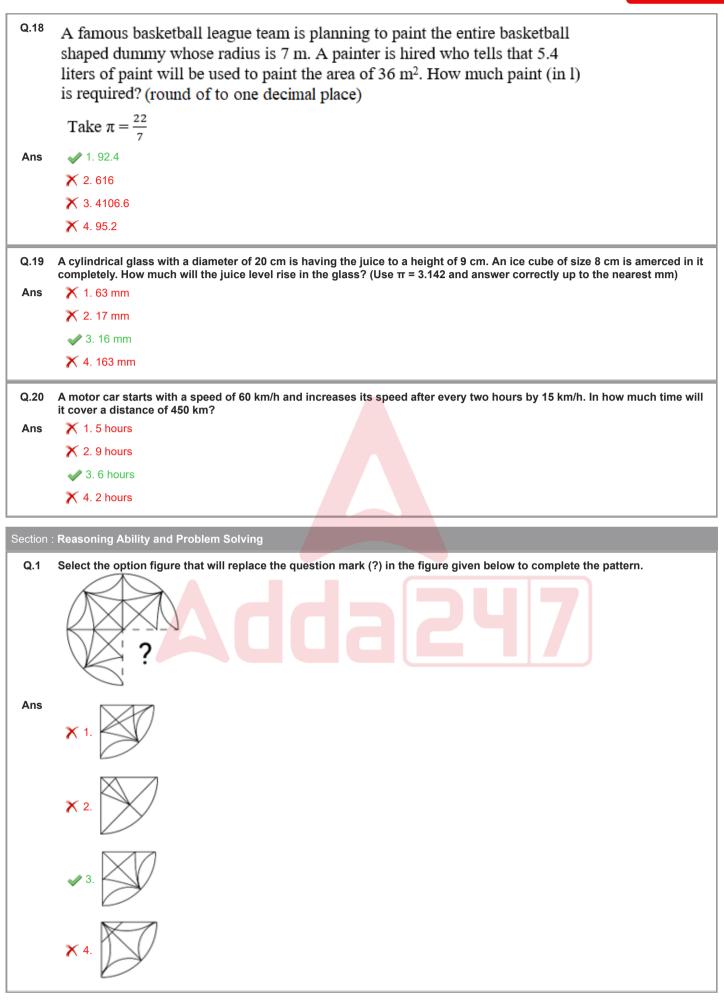
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Q.5	Sunita borrows ₹5,500 for 3 years at 6.5% per annum simple interest. She immediately lends it to Vedanshi at 9.3% per annum simple interest for 3 years. Find her gain (in ₹) in the transaction per year.
Ans	✓ 1. 154
	× 2. 149
	X 3. 157
	X 4. 161
Q.6	In a ration shop, there is a certain amount of cereals to distribute to 42 families for 15 days. If 48 kg of cereals can be distributed to 30 families for 7 days, then the quantity of cereals already in the shop was:
Ans	🗙 1. 96 kg
	🗙 2. 112 kg
	✓ 3. 144 kg
	• -
	🗙 4. 84 kg
Q.7	In a circular race of 1100 m, P and Q start from the same point, at the same time and at speeds of 36 km/h and 63 km/h, respectively. When will they meet again for the first time on the track if they are running in the opposite direction?
Ans	✓ 1.40 s
	🗙 2. 10 s
	🗙 3. 20 s
	X 4. 27 s
Q.8	The average weight of a family of five members (in kg) w <mark>hose we</mark> ights are 40 kg, 49 kg, 56 kg, 72 kg and 35 kg is:
Ans	X 1. 51.4
	✔ 2. 50.4
	★ 3. 52.4
	X 4. 49.4
Q.9	How much water should be added to a 30 I mixture of milk and water, which currently has a ratio of 7 : 3, so that the resultant mixture contains 40% water?
Ans	
	★ 2.31
	★ 3. 4.251
	✔ 4.51
Q.10	Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 7% per year rate of interest for 5 years.
Ans	X 1. 1165
	× 2. 1265
	✓ 3. 1225
	X 4. 1185
Q.11	Reeta buys 90 kg potatoes and sells them at a profit equal to the cost price of 40 kg potatoes.
	Find her profit percentage.
Ans	4
	$\sim 1.44 \frac{4}{9} \%$
	$\times 2.44\frac{5}{9}\%$
	× 3.34 - %
	5
	× $3.34\frac{4}{9}\%$ × $4.34\frac{5}{9}\%$
	-



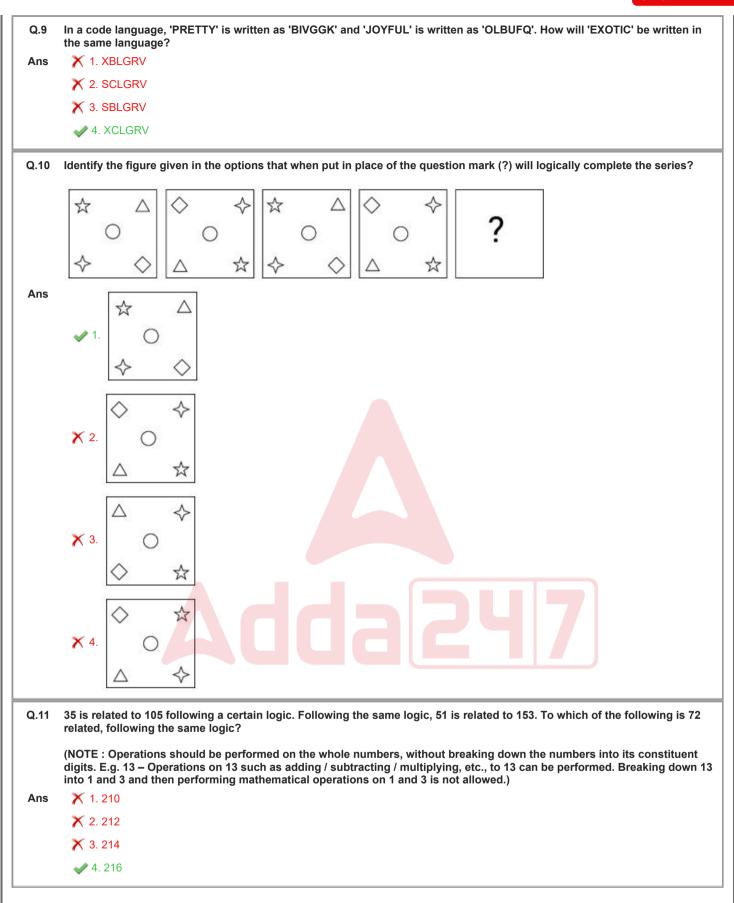




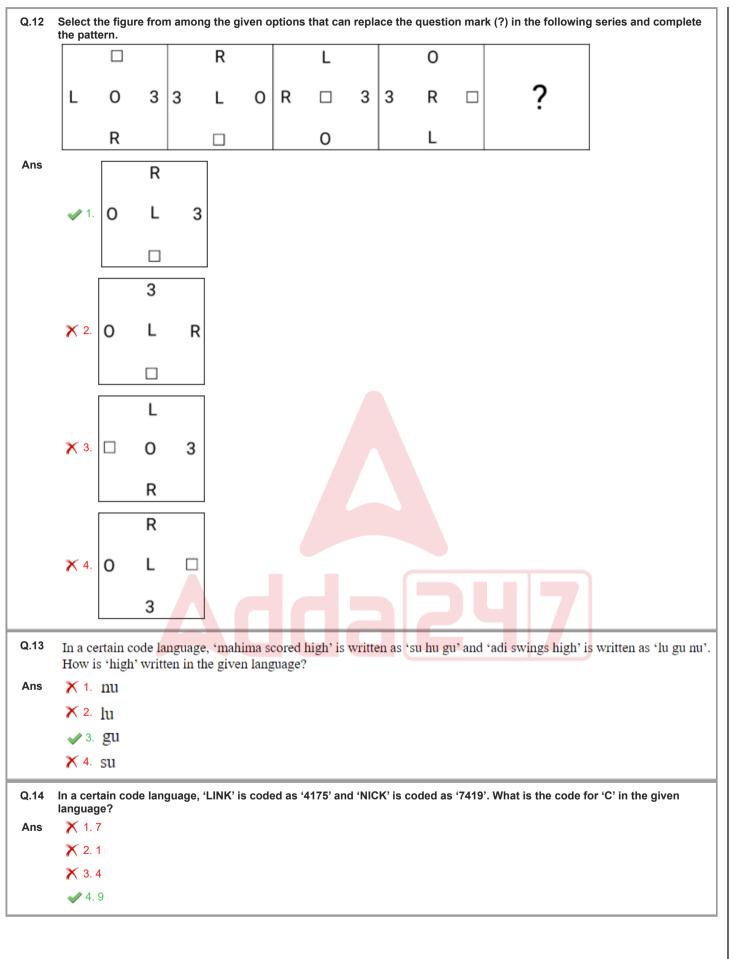


Q.2	What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and '×' and ' \div ' are interchanged? 62 - 36 + 18 \div 6 × 3 = ?
Ans	X 1. 27
	2. 17
	✓ 3. 62
	X 4. 107
Q.3	In a certain code language, 'VOLT' is coded as '5731' and 'LEAD' is coded as '4186'. What is the code for 'L' in the given code language?
Ans	X 1.8
	X 2.3
	🗙 3.4
	🛹 4. 1
Q.4	Seven friends - Asha, Sreeja, Mamata, Ramya, Hema, Jaya, and Mohini - are sitting around a circular table, facing the centr (but not necessarily in the same order). Ramya is sitting fourth to the right of Asha. Mamata sits third to the left of Ramya. Jaya has Sreeja and Mamata as immediate neighbours. Hema is sitting to the immediate right of Ramya. Who is sitting second to the left of Mohini?
Ans	🗙 1. Hema
	🗙 2. Sreeja
	🗙 3. Asha
	✔ 4. Ramya
Q.5	What should come in place of the question mark (?) in the following series based on the English alphabetical order? RJX, PNV, NRT, LVR ,?
Ans	X 1. JZQ
	Х 2. КАР
	✓ 3. JZP
	X 4. KZP
Q.6	What will come in the place of '?' in the following equation, if '+' and '' are interchanged and ' \star ' and ' \div ' are interchanged? 110 + 54 × 9 - 13 ÷ 2 = ?
Ans	✔ 1. 130
	X 2. 144
	🗙 3. 114
	X 4. 136
Q.7	Select the number from among the given options that can replace the question mark (?) in the following series. 9, 45, 225, 1125, 5625, ?
Ans	X 1. 4679
	X 2. 2799
	🗙 3. 7689
	✓ 4. 28125
Q.8	Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even i it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
	Statements: All Excels are Words. All Words are PowerPoints.
	Conclusions: (I) All PowerPoints are Excels. (II) At least some Words are Excels.
Ans	✓ 1. Only conclusion II follows
	X 2. Both conclusion I and II follow
	X 3. Neither conclusion I nor II follows











Q.15	Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).
	Statements:
	All bats are mammals. No mammal is a fish.
	Conclusions: (I) No bat is a fish. (II) Some fishes are mammals.
Ans	✓ 1. Only conclusion (I) follows.
	X 2. Only conclusion (II) follows.
	X 3. Neither conclusion (I) nor (II) follows.
	X 4. Both conclusions (I) and (II) follow.
Q.16	EJIA is related to FKJB in a certain way based on the English alphabetical order. In the same way, ZDCU is related to AEDV. To which of the following is OTSK related, following the same logic?
Ans	X 1. LTPU
	🗙 2. PULT
	V 3. PUTL
	X 4. PTLU
Q.17	D, E, F, L, R, S and T are sitting around a circular table facing the centre(but not necessarily in the same order). R sits second to the right of D. L sits to the immediate left of D. T sits third to the left of L. F sits third to the left of S. Neither E nor S is an immediate neighbour of R. What is the position of S with respect to R?
Ans	X 1. Fourth to the left
	X 2. Third to the right
	X 3. Fifth to the right
	✓ 4. Second to the right
Q.18	In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
	(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
	25, 77 28, 86
Ans	
Ans	28, 86
Ans	28, 86
Ans	28, 86 ✓ 1. 34, 104 ★ 2. 35, 103
Ans Q.19	28, 86 ✓ 1. 34, 104 ✓ 2. 35, 103 ✓ 3. 35, 104
	28, 86 ✓ 1. 34, 104 ★ 2. 35, 103 ★ 3. 35, 104 ★ 4. 34, 103 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.
	28, 86 ✓ 1. 34, 104 ★ 2. 35, 103 ★ 3. 35, 104 ★ 4. 34, 103 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.
Q.19	28, 86 \checkmark 1. 34, 104 \thickapprox 2. 35, 103 \bigstar 3. 35, 104 \bigstar 4. 34, 103 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below. M $2 \lor d 4 7 R$ N
Q.19	28, 86 \checkmark 1. 34, 104 \thickapprox 2. 35, 103 \bigstar 3. 35, 104 \bigstar 4. 34, 103 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below. $2 \lor d 4 7 R \int_{N}^{M}$ \thickapprox 1. $\forall \angle 4 b \land 7$



Ans	RNUQ. To which of the following is HDKG related, following the same logic? X 1. FJMI
	X 2. JFIM
	X 3. FJIM
	🖌 4. JFMI
ection	: General Awareness
Q.1	The official journey of 'Azadi Ka Amrit Mahotsav' commenced on:
Ans	🗙 1. 15 th August 2022
	🗙 2. 14 th April 2021
	✓ 3. 12 th March 2021
	X 4. 14 th August 2022
Q.2	Rank the following states in ascending order, based on their population density, as per Census 2011.
	Tripura, Meghalaya, Manipur, Nagaland
Ans	X 1. Meghalaya-Tripura-Nagaland-Manipur
	✓ 2. Nagaland-Manipur-Meghalaya-Tripura
	X 3. Meghalaya-Tripura-Manipur-Nagaland
	X 4. Nagaland-Tripura-Manipur-Meghalaya
Q.3	In which of the following states can the 'Loo' phenomenon be observed?
Ans	1. Rajasthan
	X 2. Goa
	X 3. Tamil Nadu
	X 4. Manipur
Q.4	Who is literate according to the Census of India?
Ans	X 1. A person above 14 years of age, who can read and write with understanding in any language.
	X 2. A person above 5 years of age, who can read and write with understanding in any language.
	3. A person above 7 years of age, who can read and write with understanding in any language.
	X 4. A person above 18 years of age, who can read and write with understanding in any language.
Q.5	Which of the following awards and recognitions was NOT received by Vempati Chinna Satyam?
Ans	X 1. Kalidas Samman
	X 2. Honorary doctorate
	 X 3. Sangeet Natak Akadami Award 4. Padma Shri
	•
Q.6 Ans	The East India Company lost all its administrative powers with the enforcement of X 1. The Regulating Act, 1773
-	X 2. The Charter Act of 1853
	✓ 3. The Government of India Act, 1858
	X 4. The Indian Councils Act, 1892
Q.7	A three-time Olympian, PT Usha broke the Asian Games record in four events (200 m, 400 m, 400 m hurdles and 4 × 400 ا
	relay) in X 1. New Delhi, 1982
Ane	
Ans	X 2 Beijing 1990
Ans	 ✓ 2. Beijing, 1990 ✓ 3. Seoul, 1986



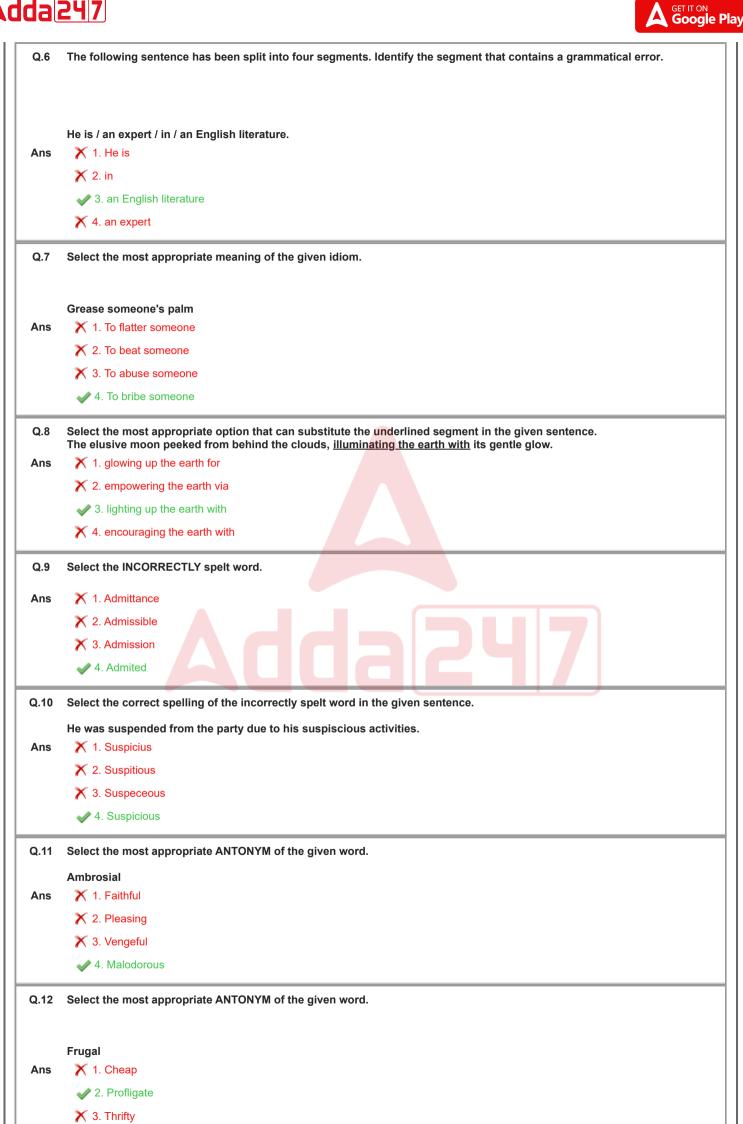
	In which state of India is the Telaiya dam located?
Q.8 Ans	X 1. Bihar
	✓ 2. Jharkhand
	X 3. Madhya Pradesh
	X 4. Karnataka
Q.9	Which of the following is NOT a feature of the contingency fund of India?
Ans	X 1. It is established under Article 267.
	X 2. It is issued on behalf of the President of India.
	X 3. It is for emergencies.
	✓ 4. Allowances and emoluments of the President are charged under it.
Q.10 Ans	The autobiography of which of the following famous Indian musicians is titled 'My Life, My Music'? X 1. Shivkumar Sharma
Alla	X 2. Zakir Hussain
	X 3. Bismillah Khan
	 ✓ 4. Ravi Shankar
Q.11	As of February 2023, who is the Union Minister of Road Transport and Highways?
Ans	X 1. Dharmendra Pradhan
	🗙 2. Mansukh Mandaviya
	✓ 3. Nitin Gadkari
	X 4. Ashwini Vaishnav
Q.12 Ans	Who does NOT fall under the executive of the Indian Union?
	X 2. President
	✓ 3. Chief Justice of India
	X 4. Prime Minister
Q.13	Which of the following dances is performed in Goa during the festival Ganesh Chaturthi?
Ans	X 1. Tarangmel
	X 2. Dhalo
	V 3. Fugdi
	X 4. Dhangar
Q Mose 1 4	eley observed that the plot of $\sqrt{\mathbf{v}}$ against atomic number (Z) gave a straigth line. What does v indicate
A 🗡 1 n s	. Frequency of β-rays emitted
	2. Frequency of X-rays emitted
Х З	β. Frequency of γ-rays emitted
× 4	l. Frequency of α-rays emitted
^ 4	
Q.15	At which Olympic games did India receive its first Olympic medal in a shooting event?
	X 1. London 2012
Q.15	 ★ 1. London 2012 ★ 2. Beijing 2008
Q.15	X 1. London 2012



Q.16		es erosion of soil as well as deposition and as a result of both these factors ached from the main river forming a U-shaped lake; this is called:
Ans	🗙 1. a canal	
	🗙 2. an estuary	
	🗙 3. a gulf	
	✓ 4. an oxbow lake	
Q.17	Fa-Hsien, a Chinese Buddhist Pilgrim, began his j	journey back home (China) from
Ans	🛹 1. Bengal	
	🗙 2. Prayag	
	🗙 3. Taxila	
	🗙 4. Arikamedu	
Q.18	When was the first-round table Conference starte	ed by the British Government in London?
Ans	🗙 1. November 1932	
	🗙 2. December 1931	
	✔ 3. November 1930	
	X 4. December 1929	
Q.19	Which of the following is the role of fibre in the di	iet?
Ans	1. Promoting digestion and bowel regularity	
	X 2. Regulating body temperature	
	🗙 3. Enhancing taste of food	
	X 4. Providing quick energy	
Q.20	Lalita J Rao is associated with which of the follow	wing gharanas?
Ans	🗙 1. Kirana gharana	
	🗙 2. Jaipur gharana	
	✓ 3. Agra gharana	
	🗙 4. Benaras gharana	
Q.21	Which of the following is a unitary feature of the I	Indian Constitution?
Ans	X 1. Division of Powers	
	 2. single citizenship 	
	X 3. Written Constitution	
	X 4. Bicameralism	
Q.22	'Rajatarangini', a vivid account of the kings of Ka	shmir, was composed by Kalhana in the language.
Ans	X 1. Arabic	
	🗙 2. Urdu	
	🛹 3. Sanskrit	
	🗙 4. Persian	
Q.23	Which of the following options correctly matches	
	Column-A (Common name) i. Cuttle Fish	Column-B (Scientific name) a. Siluriformes
	ii. Silver fish	b. Mobula
	iii. Devil fish iv. Cat fish	c. Sepia d Lenisma
_		d.Lepisma
Ans	🗙 1. i-c, ii-a, iii-b, iv-d	
	✓ 2. i-c, ii-d, iii-b, iv-a	
	🗙 3. i-c, ii-d, iii-a, iv-b	
	🗙 4. i-d, ii-c, iii-b, iv-a	



Q.24	Sultan Ghari tomb is situated to west of the Qutub in Delhi is like a fortress within a walled enclosure with bastions on the comers, with its grave chamber underground.
Ans	🗙 1. squarish
	🗙 2. pentagonal
	🗙 3. rectangular
	✓ 4. octagonal
Q.25	'The Climate Smart Cities Assessment Framework 2.0' is to evaluate how many cities across India?
Ans	X 1. 120
	X 2.32
	🗙 3. 70
	4. 100
ection	: English Language and Comprehension
Q.1	Select the sentence that has a grammatical error.
Ans	 1. Alka bought new pair of shoes for the party.
	X 2. He was an honest engineer by profession.
	X 3. Suhas has a younger brother and an elder sister.
	★ 4.
	It was a huge zoo with an elephant enclosure.
Q.2	Select the correct idiom to substitute the underlined segment in the following sentence. His remarks <u>made the matter worse.</u>
Ans	✓ 1. Added fuel to the fire
	X 2. Spilled the beans
	X 3. Made a splash
	X 4. Killed two birds with one stone
Q.3	The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
	The athletes / trained tirelessness / to prepare for / the upcoming competition.
Ans	X 1. to prepare for
	✓ 2. trained tirelessness
	X 3. The athletes
	X 4. the upcoming competition
Q.4	Select the option that rectifies the INCORRECT spelling in the given sentence. Pleasee allow me to start.
Ans	X 1. Pleeasse
	X 2. Pleesse
	V 3. Please
	X 4. Pleasse
Q.5	Select the most appropriate option to fill in the blank.
	The storm caused extensive damage to homes, many families homeless.
-	X 1. to leave
Ans	
Ans	X 2. leave
Ans	X 2. leaveX 3. is left





Q.13	Select the most appropriate meaning of the underlined phrase.	
	Those who have died cannot be <u>brought back to life</u> .	
Ans	✓ 1. Resurrect	
	X 2. Retract	
	🗙 3. Abstract	
	X 4. Extract	
Q.14	Select the most appropriate synonym of the given word.	
	Hermetic	
Ans	X 1. Intelligible	
	🗙 2. Obnoxious	
	X 3. Lucid	
	✓ 4. Esoteric	
Q.15	Select the most appropriate ANTONYM of the underlined word.	
	she had <u>garnered</u> the information from various books.	
Ans	X 1. Criticised	
	X 2. Implemented	
	✓ 3. Dispersed	
	X 4. Liberated	
Q.16	The following sentence has been split into four segments. Identify the segment that contains a grammatical/spelling error.	
	He was lying at / his bed when he / saw the snake entering / through the window.	
Ans	★ 1. through the window	
	X 2. his bed when he	
	✓ 3. He way lying at	
	X 4. saw the snake entering	
Q.17	The following sentence has been split into four segments. Identify the segment that contains a grammatical error.	
	She is learning / to play the guitar / to pursue her passion / for the music.	
Ans	✓ 1. for the music.	
	X 2. to play the guitar	
	X 3. to pursue her passion	
	X 4. She is learning	
Q.18	Select the most appropriate option that can substitute the underlined segment in the given sentence.	
	A raven, which you know is black as coal, was envious of the swan, because her <u>feathers are as white as</u> the purest snow.	
Ans	X 1. feathers is a white as	
	✓ 2. feathers were as white as	
	X 3. feathers is as white as	
	X 4. feathers was a white as	
Q.19	Select the most appropriate synonym of the given word. Vivid	
Ans	🗙 1. Varied	
	X 2. Soothing	
	🛹 3. Bright	
	🗙 4. Dull	



Q.20	Select the most appropriate option that can substitute the underlined segment in the given sentence. Do you know the purpose of a fire extinguisher? It helps to <u>put up with</u> an engulfing fire, in case of an emergency.
Ans	🗙 1. run away with
	X 2. turn over
	X 3. stand out
	✔ 4. put out
	Comprehension:
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
	Khashaba Jadhav was the independent India's first individual olympic medallist. There (1) some firsts that stay in history forever. The one held by Khashaba Jadhav is one such first. He might have been referred to as the Pocket Dynamo, but his deeds
	dwarfed those of far (2) athletes in his sport. Just a couple of years after India had become a Republic, Jadhav took part in
	the 1952 Olympics at Helsinki, Finland. As funding sportspersons weren't really a (3) for a country just finding its feet, Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) his way to fame, becoming independent
	India's first individual Olympic medal winner. He (5) bronze in the bantamweight category.
	SubQuestion No : 21
Q.21	Select the most appropriate option to fill in blank 1.]
Ans	X 1. is
	X 2. was
	X 3. were
	✓ 4. are
	Comprehension:
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in
	each blank. Khashaba Jadhav was the independent India's first individual olympic medallist. There (1) some firsts that stay in history
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	Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) his way to fame, becoming independent India's first individual Olympic medal winner. He (5) bronze in the bantamweight category.
	SubQuestion No : 22
Q.22	Select the most appropriate option to fill in blank 2.]
Ans	X 1. smaller
	X 2. big
	X 3. small
	✓ 4. bigger
	Comprehension:
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in
	each blank. Khashaba Jadhav was the independent India's first individual olympic medallist. There (1) some firsts that stay in history
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	Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) his way to fame, becoming independent India's first individual Olympic medal winner. He (5) bronze in the bantamweight category.
	Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) his way to fame, becoming independent
Q.23	Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) his way to fame, becoming independent India's first individual Olympic medal winner. He (5) bronze in the bantamweight category.
Q.23 Ans	Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) his way to fame, becoming independent India's first individual Olympic medal winner. He (5) bronze in the bantamweight category. SubQuestion No : 23
	Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) his way to fame, becoming independent India's first individual Olympic medal winner. He (5) bronze in the bantamweight category. SubQuestion No : 23 Select the most appropriate option to fill in blank 3.]
	Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) his way to fame, becoming independent India's first individual Olympic medal winner. He (5) bronze in the bantamweight category. SubQuestion No : 23 Select the most appropriate option to fill in blank 3.] v 1. priority



Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Khashaba Jadhav was the independent India's first individual olympic medallist. There (1) some firsts that stay in history forever. The one held by Khashaba Jadhav is one such first. He might have been referred to as the Pocket Dynamo, but his deeds dwarfed those of far (2) athletes in his sport. Just a couple of years after India had become a Republic, Jadhav took part in the 1952 Olympics at Helsinki, Finland. As funding sportspersons weren't really a (3) ____ for a country just finding its feet, Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) his way to fame, becoming independent India's first individual Olympic medal winner. He (5) ____ bronze in the bantamweight category. SubQuestion No: 24 Q.24 Select the most appropriate option to fill in blank 4.] Ans X 1. buckled-under 2. wrestled 🗙 3. Lazed X 4. Surrendered Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Khashaba Jadhav was the independent India's first individual olympic medallist. There (1) some firsts that stay in history forever. The one held by Khashaba Jadhav is one such first. He might have been referred to as the Pocket Dynamo, but his deeds dwarfed those of far (2) ____ _ athletes in his sport. Just a couple of years after India had become a Republic, Jadhav took part in the 1952 Olympics at Helsinki, Finland. As funding sportspersons weren't really a (3) for a country just finding its feet, Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4)_ his way to fame, becoming independent bronze in the bantamweight category. India's first individual Olympic medal winner. He (5) SubQuestion No: 25 Select the most appropriate option to fill in blank 5.] Q.25 X 1. lulled Ans 2. constructed 3. claimed X 4. forgave