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

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

Section: Numerical and Mathematical Ability

Q.1 The given table shows the number of students studying Computer Science Engineering and Data Structures from six colleges. Study the table to answer the question that follows.

College	CSE	DS
A1	245	320
A2	325	435
А3	235	410
A4	251	290
A5	243	207
A6	280	315

What percentage of the students in college A5 study Data Structures out of the students studying CSE and DS?

Ans

X 1. 42%

X 2. 52%

3. 46%

X 4. 54%

Q.2 In an election between two candidates, one person got 35% of the votes and lost by 6 votes. Assuming that there were no invalid votes, what was the total number of votes?

Ans

X 1. 50

X 2. 30

X 3. 18

4. 20

Q.3 A chair was sold for ₹8,601 after giving two successive discounts of 8.5% and 6%. Find the marked price.

Ans

X 1. ₹9,848

√ 2. ₹10,000

X 3. ₹9,000

X 4. ₹9,612

Q.4 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 4% per year rate of interest for 3 years.

Ans

X 1. 360

X 2. 460

X 3. 380

4. 420

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

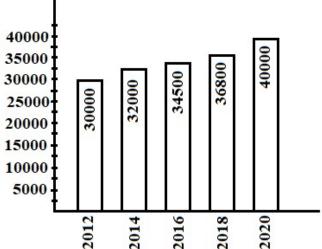
X 2. 149

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
	X 2. 10 s
	X 3. 20 s
	★ 4. 27 s
Q.8	The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 72 kg and 35 kg is:
Ans	X 1. 51.4
	√ 2. 50.4
	✗ 3. 52.4
	× 4. 49.4
0.0	How much water should be added to a 20 I mixture of milk and water which currently has a ratio of 7 / 2 on that the
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	★ 1.61
	★ 2.31
	★ 3. 4.25 l
	→ 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
	★ 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	√ 1.44 ⁴ / ₉ %
	$\times 2.44 \frac{5}{9}\%$
	\times 3.34 $\frac{4}{9}$ %
	$\times 4.34 \frac{5}{9}\%$
	349 /4
Q.12	By selling an article for ₹19.5, a dealer makes a profit of 30%. By how much should he increase his selling price (in ₹) so as
Ans	to make a profit of 35%? 1. 0.75
Alla	X 2. 1.75
	X 3. 2.75
	X 4. 3.75
	V 4: 3:13
Q.13	The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 68 kg and 39 kg is:
Ans	X 1. 51.4
	× 2. 52.4
	× 3. 49.4
	◆ 4. 50.4

Q.15 The bar graph shows the number of books published by a company in different years. In which year(s) the number of books published is more than the average number of books published in the mentioned years?



Ans X 1. Only 2020

X 2. 2014, 2016, 2018 and 2020

X 3. 2016, 2018 and 2020

4. 2018 and 2020

Q.16 The mean of five numbers is 55. If one of the numbers is excluded, the mean gets reduced by 5. Which of the following is the excluded number?

Ans

X 1. 55

X 2.65

3. 75

X 4. 50

Q.17 If the total surface area of a hemisphere is 192π cm², then the radius of the base of the hemisphere is:

Ans

X 1. 64 cm

√ 2. 8 cm

X 3. 16 cm

X 4. 4 cm

Q.18 A famous basketball league team is planning to paint the entire basketball shaped dummy whose radius is 7 m. A painter is hired who tells that 5.4 liters of paint will be used to paint the area of 36 m². How much paint (in l) is required? (round of to one decimal place)

Take
$$\pi = \frac{22}{7}$$

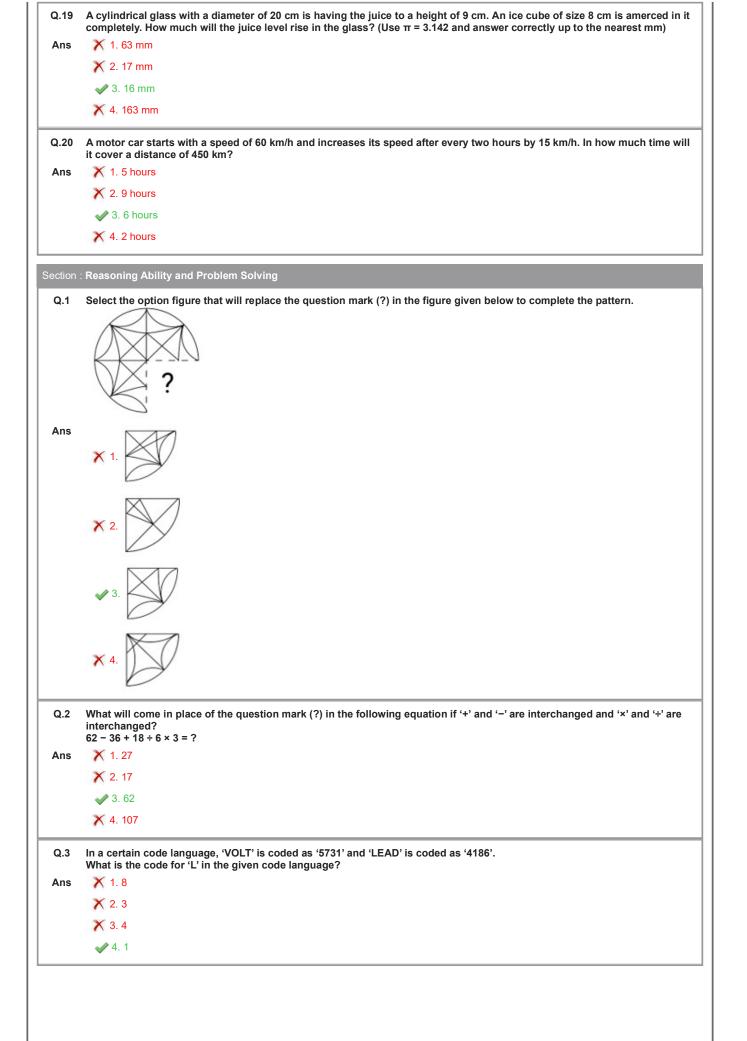
Ans

1. 92.4

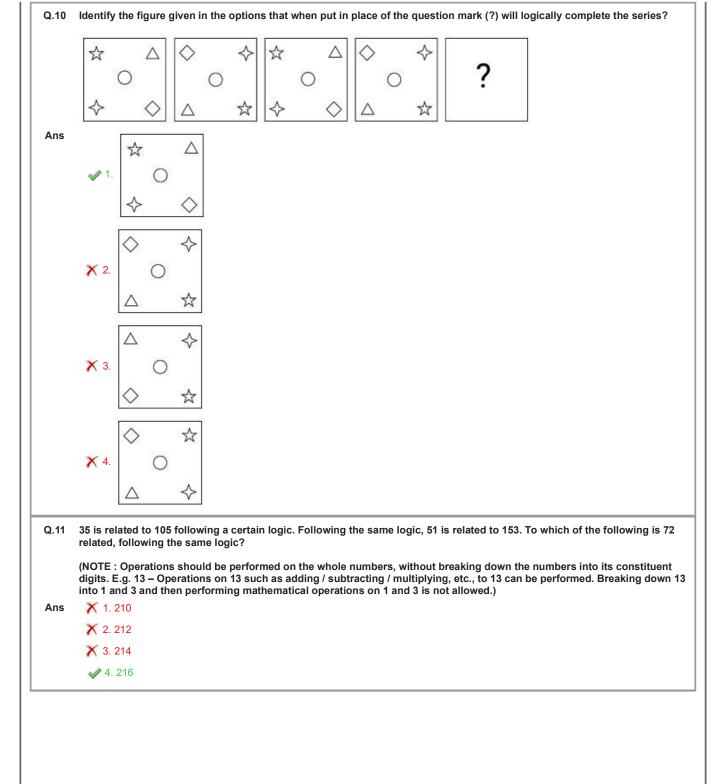
X 2. 616

X 3. 4106.6

X 4. 95.2



	 X 1. Hema X 2. Sreeja X 3. Asha ✓ 4. Ramya What should come in place of the question mark (?) in the following series based on the English alphabetical order? RJX, PNV, NRT, LVR ,? X 1. JZQ X 2. KAP
	 X 3. Asha ✓ 4. Ramya What should come in place of the question mark (?) in the following series based on the English alphabetical order? RJX, PNV, NRT, LVR ,? X 1. JZQ
	✓ 4. Ramya What should come in place of the question mark (?) in the following series based on the English alphabetical order? RJX, PNV, NRT, LVR,? 1. JZQ
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	RJX, PNV, NRT, LVR ,? 1. JZQ
	RJX, PNV, NRT, LVR ,? 1. JZQ
Ans	X 2. KAP
	X 4. KZP
Q.6	What will come in the place of '?' in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged? 110 + 54 × 9 − 13 ÷ 2 = ?
Ans	✓ 1. 130
	★ 2. 144
	★ 3. 114
	X 4. 136
	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
	× 2. 2799
	X 3. 7689
	√ 4. 28125
	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 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
	X 4. Only conclusion I follows
	In a code language, 'PRETTY' is written as 'BIVGGK' and 'JOYFUL' is written as 'OLBUFQ'. How will 'EXOTIC' be written in the same language?
Ans	X 1. XBLGRV
	× 2. SCLGRV
	X 3. SBLGRV
	✓ 4. XCLGRV

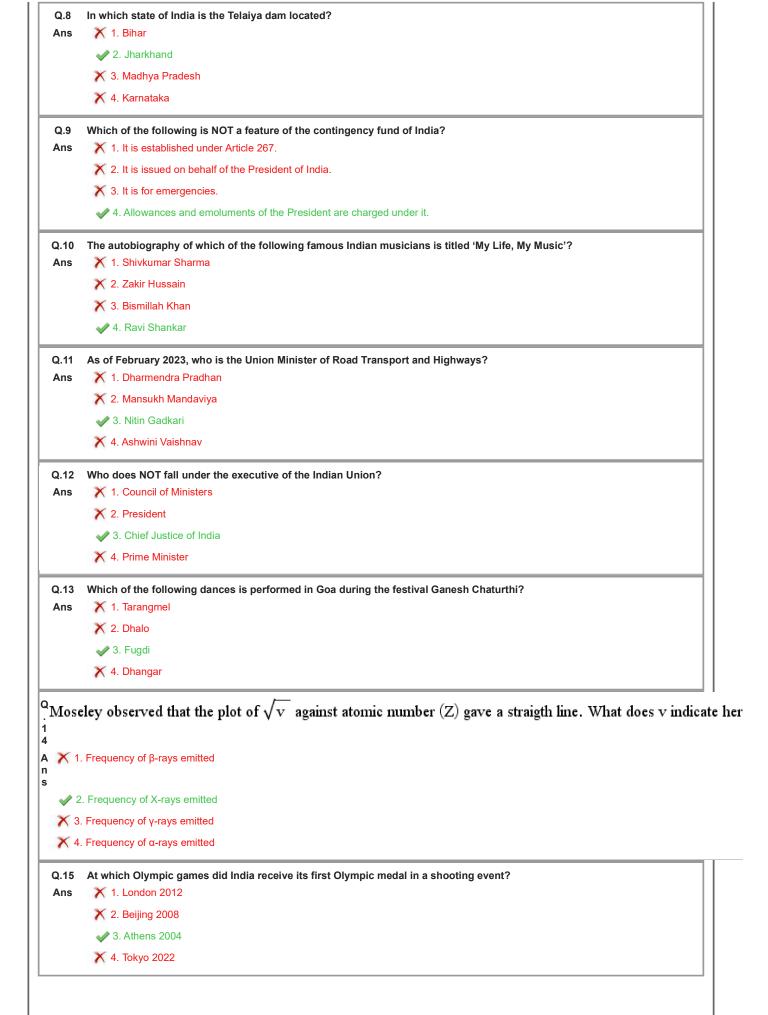


Q.12	Select the	he figur ern.	e fron	n amonç	g the gi	ven o	ptions	that can	repla	ace the	questio	n mar	k (?) in the following	g series and comple	ete
					R			L			0				
	L	0	3	3	L	0	R		3	3	R		?		
		R					36	0			L				
Ans			R											-	
	v 1.	0	L	3											
	Ť		П												
	1	,													
			3												
	X 2.	0	L	R											
			L												
	X 3.		0	3											
	1		R												
		>	R												
	X 4.	0	L												
	1		3	1)											
Q.13	In a ce How is							igh' is v	vritte	en as '	su hu gu	ı' and	ʻadi swings high'i	s written as 'lu gu	nu'.
Ans	× 1.		WIII	on m un	c givei	I Idiig	uage.								
	X 2.	lu													
	√ 3.														
	X 4.	su													
Q.14	In a cert languag	ain cod e?	e lanç	guage, '	LINK' is	code	ed as '4	175' and	'NIC	K' is c	oded as	'7419	'. What is the code f	or 'C' in the given	
Ans	X 1. 7														
	X 2. 1														
	√ 4. !														

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if Q.15 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. 2. Only conclusion (II) follows. 3. Neither conclusion (I) nor (II) follows. X 4. Both conclusions (I) and (II) follow. EJIA is related to FKJB in a certain way based on the English alphabetical order. In the same way, ZDCU is related to AEDV. Q.16 To which of the following is OTSK related, following the same logic? X 1. LTPU Ans X 2. PULT 3. PUTL X 4. PTLU 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 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 **1**. 34, 104 X 2. 35, 103 X 3. 35, 104 X 4. 34, 103 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below. 2 V d 4 7 R Ans 5 A d 4 \ B 1 X 2 V d 7 b V S 2 A 9 4 7 R . E X 2 V d 4 7 R .4 V

Ans	X 1. FJMI
	X 2. JFIM
	X 3. FJIM
	✓ 4. JFMI
	·
Section	: General Awareness
Q.1	The official journey of 'Azadi Ka Amrit Mahotsav' commenced on:
Ans	X 1. 15 th August 2022
	X 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	✗ 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.
	X 4. A person above 18 years of age, who can read and write with understanding in any language.
Q.5 Ans	Which of the following awards and recognitions was NOT received by Vempati Chinna Satyam? 1. Kalidas Samman
	X 2. Honorary doctorate
	X 3. Sangeet Natak Akadami Award
	✓ 4. Padma Shri
	V 4. Faulia Siiii
Q.6	The East India Company lost all its administrative powers with the enforcement of
Ans	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 m
Ans	relay) in X 1. New Delhi, 1982
	X 2. Beijing, 1990
	✓ 3. Seoul, 1986
	X 4. Hiroshima, 1994

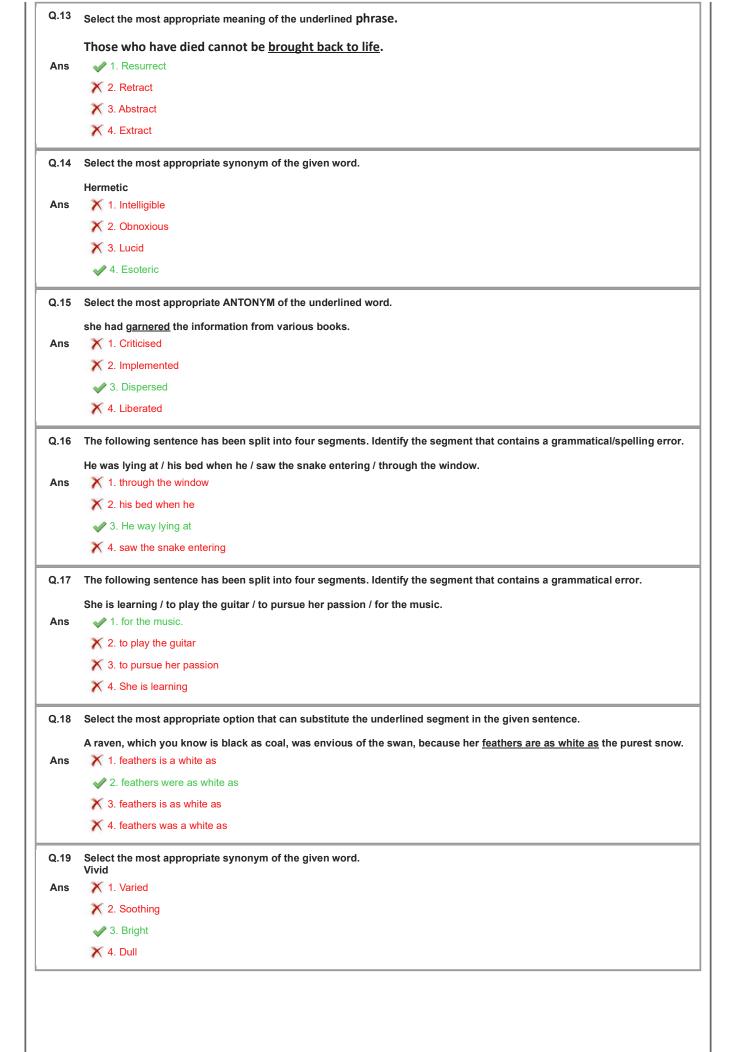
Q.20 MIPL is related to OKRN in a certain way based on the English alphabetical order. In the same way, PLSO is related to RNUQ. To which of the following is HDKG related, following the same logic?



Q.16	When a river reaches a low lying plain, it continues erosion of soil as well as deposition and as a result of both these factors another river channel develops and later it is detached from the main river forming a U-shaped lake; this is called:
Ans	X 1. a canal
	X 2. an estuary
	X 3. a gulf
	✓ 4. an oxbow lake
Q.17	Fa-Hsien, a Chinese Buddhist Pilgrim, began his journey back home (China) from
Ans	✓ 1. Bengal
	🗙 2. Prayag
	🗙 3. Taxila
	X 4. Arikamedu
Q.18 Ans	When was the first-round table Conference started by the British Government in London? 1. November 1932
	X 2. December 1931
	✓ 3. November 1930
	X 4. December 1929
Q.19	Which of the following is the role of fibre in the diet?
Ans	✓ 1. Promoting digestion and bowel regularity
	X 2. Regulating body temperature
	X 3. Enhancing taste of food
	X 4. Providing quick energy
Q.20	Lalita J Rao is associated with which of the following gharanas?
Ans	X 1. Kirana gharana
	X 2. Jaipur gharana
	√ 3. Agra gharana
	X 4. Benaras gharana
Q.21	Which of the following is a unitary feature of the 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 Kashmir, was composed by Kalhana in the language.
Ans	X 1. Arabic
	× 2. Urdu
	√ 3. Sanskrit
	X 4. Persian
Q.23	Which of the following options correctly matches column-A with column-B? Column-A (Common name) i. Cuttle Fish Column-B (Scientific name) a. Siluriformes
	ii. Silver fish b. Mobula iii. Devil fish c. Sepia
	iii. Devil fish c. Sepia iv. Cat fish d.Lepisma
Ans	X 1. i-c, ii-a, iii-b, iv-d
	√ 2. i-c, ii-d, iii-b, iv-a
	X 3. i-c, ii-d, iii-a, iv-b
	X 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	X 1. squarish
	X 2. pentagonal
	X 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
	★ 2. 32
	X 3. 70
	√ 4. 100
Section	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.
	✗ 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 made the matter worse.
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.
4.0	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.
Ans	Pleasee allow me to start. 1. Pleeasse
71110	X 2. Pleesse
	✓ 3. Please
	X 4. Pleasse
Q.5	Select the most appropriate option to fill in the blank.
Ans	The storm caused extensive damage to homes, many families homeless. X 1. to leave
Alla	X 2. leave
	X 3. is left
	✓ 4. leaving
	▼

The following sentence has been split into four segments. Identify the segment that contains a grammatical error. Q.6 He is / an expert / in / an English literature. X 1. He is Ans X 2. in 3. an English literature X 4. an expert Q.7 Select the most appropriate meaning of the given idiom. Grease someone's palm X 1. To flatter someone Ans X 2. To beat someone X 3. To abuse someone 4. To bribe someone Select the most appropriate option that can substitute the underlined segment in the given sentence. The elusive moon peeked from behind the clouds, illuminating the earth with its gentle glow. 1. glowing up the earth for Ans X 2. empowering the earth via 3. lighting up the earth with X 4. encouraging the earth with Select the INCORRECTLY spelt word. Q.9 X 1. Admittance Ans X 2. Admissible X 3. Admission 4. Admited Select the correct spelling of the incorrectly spelt word in the given sentence. Q.10 He was suspended from the party due to his suspiscious activities. X 1. Suspicius Ans X 2. Suspitious X 3. Suspeceous 4. Suspicious Q.11 Select the most appropriate ANTONYM of the given word. Ambrosial Ans X 1. Faithful X 2. Pleasing X 3. Vengeful 4. Malodorous Select the most appropriate ANTONYM of the given word. Frugal X 1. Cheap Ans 2. Profligate X 3. Thrifty 4. Happy



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	X 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
	T. alo
Q.22 Ans	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: 22 Select the most appropriate option to fill in blank 2.] 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 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: 23
Q.23	Select the most appropriate option to fill in blank 3.]
Q.23 Ans	✓ 1. priority
0	× 2. posteriority
	X 3. supremacy
	X 4. subsequence

	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
	X 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 India's first individual Olympic medal winner. He (5) bronze in the bantamweight category.
	SubQuestion No : 25
Q.25	Select the most appropriate option to fill in blank 5.]
Ans	X 1. lulled
	X 2. constructed
	√ 3. claimed
	X 4. forgave