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

Exam Date	12/11/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaldar CBIC and CBN Examination 2024

Section: Numerical and Mathematical Ability

Q.1 If 40 : 35 :: 35 : x, find the value of x.

Ans

× 1. $\frac{49}{16}$

× 2. $\frac{49}{14}$

√ 3. 245
8

 \times 4. $\frac{49}{8}$

Q.2 A man buys 15 identical articles for a total of ₹15. If he sells each of them for ₹1.32, then his profit percentage is:

Ans

X 1.8%

X 2.50%

X 3. 23%

4. 32%

Q.3 A vehicle moves at 65 km/h for 4 hours before slowing down to 52 km/h for the next 2.5 hours. Calculate the average speed.

Ans

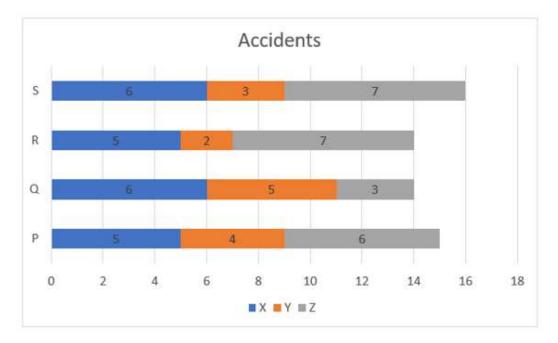
X 1. 61.25 km/h

X 2. 55 km/h

X 4. 58.5 km/h

Q.4 Study the given graph and answer the question that follows.

The graph shows the data of the number of accidents by three types of vehicles: X, Y and Z in four cities: P, Q, R and S.



The maximum number of accidents in all cities are due to vehicles of type:

Ans

- X 1. Y
- X 2. X
- √ 3. Z
- X 4. X and Z both

A quadrilateral ABCD has sides AB = 5 units, BC = 12 units, CD = DA and $\angle ABC = ADC = 90^{\circ}$.

What is the area of the quadrilateral (in square units)?

Ans

- X 1. 72.75
- X 2.74.75
- X 3. 74.25
- **4**. 72.25

Q.6 When a number is first increased by 18% and then decreased by 18%, the change in the number is ______

Ans

- √ 1. 3.24 % decrease
- X 2.0%
- X 3. 3.24% increase
- X 4. 32.4% increase

Q.7 I walk at a speed of 10 km/h and reach the destination in 2 hours. If I increase my speed by 5 km/h, how early would I reach my destination?

Ans

- X 1. 50 min
- X 2. 30 min
- X 3. 20 min
- √ 4. 40 min

Q.8	In an office having 160 staff members, 40% are females and the remaining are males. The average weight of females is 58 kg and that of males is 63 kg. Find the average weight of all staff members.
Ans	X 1. 58 kg
	X 2. 68 kg
	※ 3. 79 kg
Q.9	What sum (in ₹) will earn a simple interest of ₹240 in 4 years at 20% per year rate of interest?
Ans	X 1.450
	× 2. 600
	★ 3. 150
	◆ 4.300
Q.10	The LCM of $\frac{2}{3}$, $\frac{5}{6}$, $\frac{5}{12}$ and $\frac{7}{18}$ is:
Ans	80
	× 1. $\frac{80}{11}$
	11
	× 2 45
	× 2. 45 7
	70
	3 3. $\frac{70}{3}$
	\times 4. $\frac{50}{3}$
	3
Q.11	The average age of a man and his son is 48 years. The ratio of their ages is 5 : 3. What is the son's age?
Ans	X 1.35 years
	✓ 2. 36 years
	X 3. 38 years
	× 4. 34 years
Q.12	Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 4% per year rate of interest for 6 years.
Ans	★ 1.540★ 2.600
	X 3. 640
	× 4. 560
Q.13	A printer with a marked price of ₹9,000 is offered on successive discounts of 30%, 20%, and 15%. Identify the printer's selling price.
Ans	X 1. ₹4,264
	× 2. ₹4,250
	→ 3. ₹4,284
	X 4. ₹4,274

Q.14				terest for 12 years, with an interest rate of 8% per annum for the first 4 years, % per annum for last 5 years. How much interest (in ₹) will he earn at the end of
Ans	X 1. 38000			
	2 . 41100			
	X 3. 40200			
	X 4. 40800			
Q.15	_	ven consecutive	natural n	umbers is 56. The greatest number among them is:
Ans	X 1. 58			
	2 . 59			
	X 3. 61			
	X 4. 60			
Q.16	A man sold his bic	ycle for ₹810 los	sing two-f	ifth of its cost price. What is the loss percentage?
Ans	1. 40%			
	× 2. 35%			
	× 3. 50%			
	× 4. 45%			
Q.17	The average score boys taken togethe			6.5 and that of 18 boys in the same test was 16. The average score of girls and
Ans	1 . 16.2			
	2. 16.4			
	X 3. 16.7			
	X 4. 16.1			
Q.18		of the largest rig	ght circul	ar cone that can be cut out from a cube of edge 8.4 cm ?
Ans	X 1. 4.1 cm			
	✓ 2. 4.2 cm			
	X 3. 2.2 cm			
	X 4. 2.1 cm			
Q.19	The marks obtain each subject are 1		ents in M	Tathematics and Hindi are shown in the table below. (The maximum marks for
	Student/Subject	Mathematics	Hindi	
	P	84	88	
	Q	90	74	
	R	92	70	
	S	70	68	
Ans	What is the produ 1.7500 2.6800	nct of the averag	ge marks	obtained by all the four students in Mathematics and those in Hindi?

※ 3. 8400 **№** 4. 6300

Q.20 If the perimeter of an equilateral triangle is 24 cm,then the length of each median is:

Ans

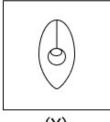
$$\times$$
 1. $3\sqrt{2}$ cm

$$\times$$
 2. 4 $\sqrt{2}$ cm

$$\times$$
 4. $3\sqrt{3}$ cm

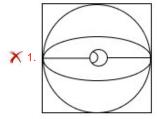
Section : Reasoning Ability and Problem Solving

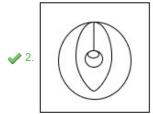
Q.1 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).

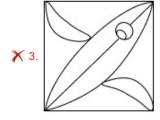


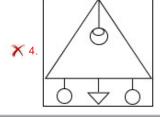
(X)

Ans









Q.2 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). B is sitting second to the left of C. Only two people are sitting between B and D. D is an immediate neighbour of C. A is sitting third to the right of F. E is sitting to the immediate left of G. What is the position of E with respect to B?

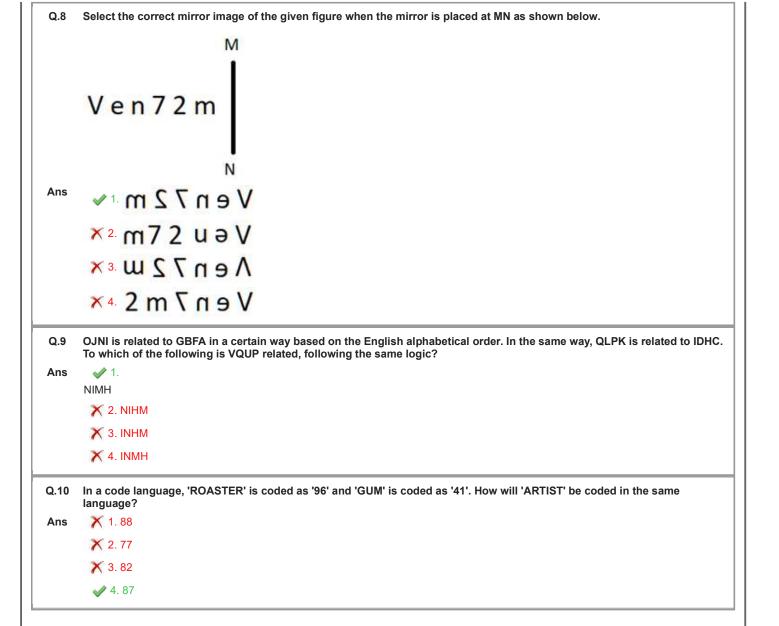
Ans X 1. To the immediate right

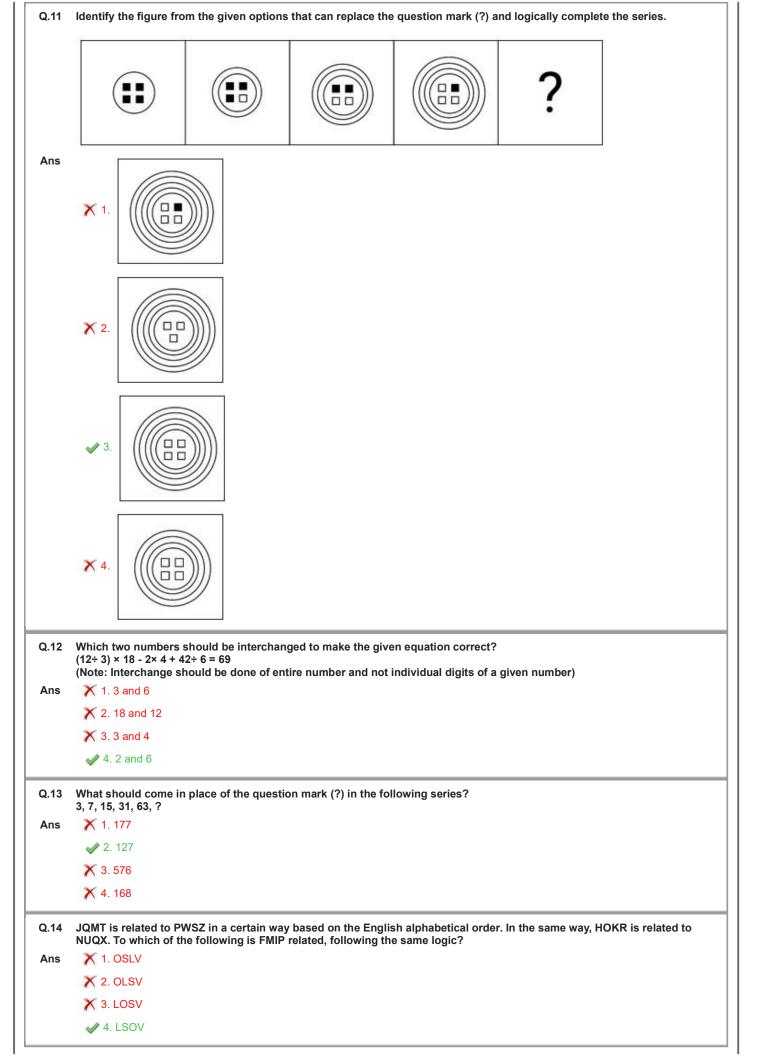
X 2. Third to the right

X 3. To theimmediate left

4. Second to the left

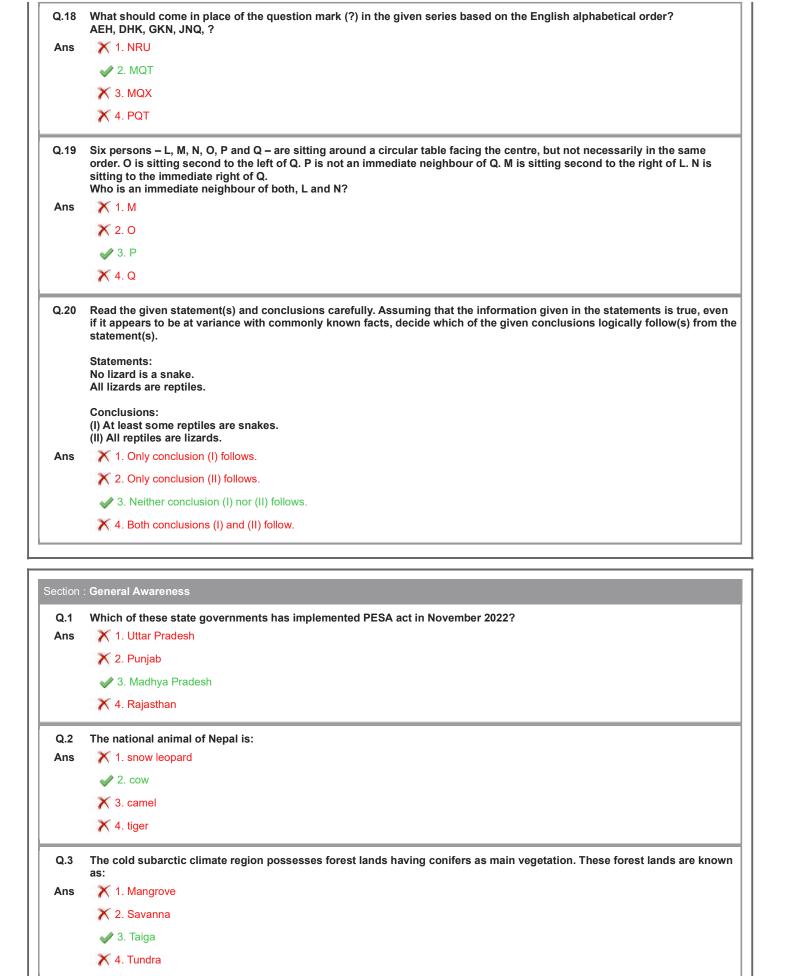
Q.3	In a certain code language, 'CAKE' is coded as '5913' and 'SHARP' is coded as '24658'. How is 'A' coded in the given language?
Ans	X 1. 4
	X 2. 1
	⋄ 3. 5
	X 4. 6
Q.4	The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. Select the pair in which the numbers are related in the same way as are the numbers of the given pairs. (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 /deleting /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.)
	11, 88 14, 112
Ans	✓ 1. 16, 128
	× 2. 28, 226
	× 3. 24, 196
	X 4. 19, 151
Q.5	In a certain code language, 'you are a good friend' is coded as 'es an pz fd mq' and 'his friend is very kind' is coded as 'ck mq pn ag sb'. How is 'friend' coded in the given language?
Ans	X 1. fd
	✓ 2. mq
	★ 3. es
	★ 4. ck
Q.6	In a certain code language, 'MOTH' is coded as '2514' and 'TOME' is coded as '1453'. What is the code for 'E' in that language?
Ans	X 1.1
	★ 2.4
	→ 3. 3
	X 4.5
Q.7	13 is related to 103 following a certain logic. Following the same logic, 9 is related to 71. To which of the following is 15 related, following the same logic?
	(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
Ans	√ 1. 119
	X 2. 117
	× 3. 109
	X 4. 112





Q.15 Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern. 0 Ρ K Ans + X 1. K X 2. K **X** 3. What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $29 \times 841 \div 87 + 37 - 59 = ?$ X 1.52 Ans **2**. 25 X 3.65 X 4.55 Q.17 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: No soap is a lotion. No lotion is a conditioner. Conclusions: (I) No soap is a conditioner. (II) Some conditioners are lotions. ✓ 1. Neither conclusion I nor II follows Ans X 2. Only conclusion II follows X 3. Only conclusion I follows

X 4. Both conclusion I and II follow



Q.4	With reference to medieval history, consider the following statements. 1. The founder of the Chola dynasty called the 'Imperial Cholas' was Vijayalaya (9th century AD). 2. One of the important dynasties which ruled in northern India was Gurjara-Pratiharas. 3. Palas ruled in western India and Rashtrakutas ruled in southern India in the early years (750 -1000). Which of the given statement(s) is/are correct?
Ans	√ 1. 1 and 2 only
	X 2. 1 and 3 only
	X 3. 2 only
	X 4. 1 only
Q.5	Which of the following statements is/are true for the Religious Festivals in India? 1.Losar festival is majorly celebrated by Buddhist community of India. 2.Navroz festival is majorly celebrated by the Parsi community of India. 3.Saga Dawa is majorly celebrated by the Muslim community of India.
Ans	★ 1. Only 1
	√ 2. Both 1 and 2
	※ 3. Only 2
	★ 4. Both 2 and 3
Q.6	Birju Maharaj is related to which of the following classical dance forms?
Ans	X 1. Kathakali
	✓ 2. Kathak
	🗙 3. Garba
	X 4. Bharatanatyam
Q.7	Which of the following peaks is NOT located in India?
Ans	X 1. Guru Shikar
	X 2. Nanda Devi
	√ 3. Dhaulagiri
	X 4. Mahendragiri
Q.8	In which year did John Dalton present his atomic theory, the second part of which states that all atoms of a particular element are equal?
Ans	√ 1. 1808
	× 2. 1811
	★ 3. 1825
	★ 4. 1800
Q.9	Padma Bhushan awardee Mogubai Kurdikar was associated with which of the following music styles?
Ans	√ 1. Hindustani Classical music √ 2. Thindustani Classical music √ 3. Thindustani Classical music √ 4. Hindustani Classical music √ 5. Thindustani Classical music √ 6. Thindustani Classical music √ 7. Thindustani Classical music √ 8. Thindustani Classical music √ 8. Thindustani Classical music √ 8. Thindustani Classical music √ 9. Thindustani Classical music √ 9
	X 2. Theatre music
	X 3. Jazz music
	X 4. Folk music
Q.10 Ans	Who among the following elect(s) the presiding officer of the Vidhan Sabha in India? 1. Members of Vidhan Parishad
	X 2. President
	X 4. Governor

Q.11	Who is the author of the historical fiction novel 'The Mauryan: The Legend of Ashoka'?
Ans	X 1. Chetan Bhagat
	✓ 2. Komal Bhanver
	X 3. Sanjeev Sanyal
	X 4. Amish Tripathi
Q.12	Which of the following is an informal group consisting of 4 to 10 individuals who seek loans against mutual guarantee?
Ans	X 1. Rural cooperatives
	X 2. Self-help group
	X 3. Grameen model bank
	✓ 4. Joint liability group
Q.13	Who has been appointed as the new Chief of the Special Protection Group (SPG) by the centre in November 2023?
Ans	X 1. Rakesh Asthana
	X 2. Ashok Kumar Mishra
	X 3. Anil Kumar Dhasmana
	✓ 4. Alok Sharma
Q.14	Which state in India hosted the 77 th edition of the Santosh Trophy?
Ans	√ 1. Arunanchal Pradesh
	X 2. Madhya Pradesh
	X 3. Himanchal Pradesh
	X 4. Uttar Pradesh
Q.15	Which of the following vitamins includes cobalt as an essential component?
Ans	√ 1. Vitamin B12
	× 2. Vitamin A
	X 3. Vitamin E
	X 4. Vitamin D
Q.16	Who among the following was the first woman President of the Indian National Congress?
Ans	X 1. Sarojini Naidu
	✓ 2. Annie Besant
	X 3. Sucheta Kriplani
	X 4. Aruna Asaf Ali
Q.17	was awarded, Padma Shri in 1970 for his contribution to the field of Kuchipudi dance.
Ans	X 1. Mushtaq Husain Khan
	X 2. Sthanam NarasimhaRao
	X 4. Dwaram Venkataswami Naidu
Q.18	The construction of Mehrangarh fort of Jodhpur was initiated during the reign of which ruler?
Ans	X 1. Maharawal Jaswant Singh
	🗶 2. Rao Bika
	√ 3. Rao Jodha
	🗙 4. Sawai Man Singh

Q.19	The major carbohydrate of milk is
Ans	√ 1. lactose
	X 2. Fructose
	X 3. starch
	X 4. maltose
Q.20	Who became the Nawab of Bengal after the death of Alivardi Khan in the year 1756?
Ans	X 1. Shuja-Ud-Daulah
	√ 2. Siraj-Ud-Daulah
	X 3. Saadat Ali Khan
	X 4. Wazir Ali
Q.21	Which of the following iron and steel plants is located in Jharkhand?
Ans	X 1. Durgapur
	X 2. Salem
	🗙 3. Vijay Nagar
	✓ 4. Bokaro
	<u> </u>
Q.22	What is a 'double fault' in tennis?
Ans	✓ 1. Serving two faults in a row
	X 2. A serve that goes out of bounds
	X 3. A fault called by the linesman
	X 4. A serve that hits the net and goes into the correct service box
Q.23	The 11 th Fundamental Duty to the Indian Constitution was added in the year by the 86 th Constitutional Amendment Act.
Ans	X 1. 2001
	✓ 2. 2002
	★ 3. 2000
	X 4. 2004
	A - 2004
Q.24	Which of the following Census recorded negative population growth in India?
Ans	X 1. 1971
	★ 2. 1991
	X 3. 2011
	✓ 4. 1921
Q.25	Kharavela was an important ruler of which dynasty?
Ans	X 1. Sunga Dynasty
	X 2. Vardhan Dynasty
	★ 3. Gupta Dynasty
	✓ 4. Chedi Dynasty
	w 4. Chour Dynasty
Section	English Language and Comprehension
Q.1	Rectify the sentence by selecting the correct spelling from the options. After the storm passed, the sun emarged from behind the clouds.
Ans	X 1. emergad
0	× 2. amergad
	-
	✓ 3. emerged

X 4. amarged

Q.2	Select the most appropriate option to fill in the blank. The assignment was early in the morning.
Ans	× 1. do
	X 2. doe
	X 3. dew X 3. dew
	✓ 4. due
Q.3	Select the most appropriate option to fill in the blank.
	The way Sonam performs live on stage can be called the one.
Ans	X 1. perfectable
	× 2. more perfect
	→ 3. most perfect
	X 4. mostly perfect
Q.4	Select the most appropriate ANTONYM of the given word:
A	Grapple ** 4 West to
Ans	X 1. Wrestle
	X 2. GrumbleX 3. Clasp
	✓ 4. Release
Q.5	Select the meaningful and correctly spelt word from the given options to fill in the blank.
	The oceans cover more than 70% of the Earth's surface, making them the largest on the planet.
Ans	✓ 1. habitat
	× 2. hybrid
	X 3. habitude
	X 4. habit
Q.6	Select the INCORRECTLY spelt word.
Ans	X 1. Bureaucracy
	✓ 2. Lieutanant
	X 3. Rendezvous
	X 4. Augment
Q.7	Select the most appropriate synonym of the underlined word in the given sentence. He is a complete <u>novice</u> when it comes to driving a car.
Ans	X 1. Expert
	X 2. Zealous
	✓ 3. Amateur
	X 4. Swindler
Q.8	Select the most appropriate synonym of the underlined word in the following sentence. Don't fight over such a <u>trivial</u> issue.
Ans	X 1. Complex
	× 2. Controversial
	✓ 3. Insignificant
	★ 4. Tricky

Q.9	Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.
	The pineapple dessert was so delicious that we couldn't help eat it.
Ans	X 1. so delicious that we couldn't helping eat it
	× 2. so that delicious we couldn't help eating it
	X 3. No substitution
	√ 4. so delicious that we couldn't help eating it
Q.10	Select the appropriate option that can substitute the underlined word in the following sentence to make it grammatically correct.
	Smart watches are the last gadgets used by younger generations.
Ans	X 1. latest
	√ 2. the latest
	X 3. later
	X 4. the later
Q.11	Select the most appropriate meaning of the given idiom.
	Straight from the horse's mouth
Ans	✓ 1. Directly from the person involved
	X 2. Directly eating from the provider
	X 3. Giving no expression at all
	X 4. Rumours begin at home
Q.12	The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
	My sister performed / brilliant / in the competition / yesterday.
Ans	X 1. in the competition
	√ 2. brilliant
	X 3. yesterday
	X 4. my sister performed
Q.13	Select the option that corrects the Phrasal Verb (appearing in bold letters) in the given sentence.
	The burglarsbroke offmy neighbour's house when they were away.
Ans	√ 1. broke into
	× 2. broke down
	X 3. broke away
	X 4. broke with
Q.14	Select the most appropriate ANTONYM for the underlined word.
	They want to <u>bifurcate</u> the states.
Ans	X 1. Divide
	✓ 2. Combine
	X 3. Examine
	X 4. Support

Q.15	Select the most appropriate option to fill in the blank.
	My brother plays the guitar than I do.
Ans	X 1. best
	× 2. good
	X 3. well
	√ 4. better
Q.16	The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
	Whenever she is coming / here, she brings / many gifts for everyone.
Ans	X 1. No Error
	X 2. here, she brings
	X 4. many gifts for everyone.
Q.17	The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
	Ravi said that / his red jacket is / the cheaper than all other jackets.
Ans	X 1. No error
	X 2. Ravi said that
	X 4. his red jacket is
Q.18	Select the most appropriate option to fill in the blank.
	The author's use of vivid imagery the reader's senses, making the story come alive.
Ans	× 1. dulls
	√ 2. heightens
	× 3. actions
	X 4. confuses
Q.19	Select the most appropriate meaning of the given idiom. Straight from the horse's mouth
Ans	X 1. Hearing something that is untrue or a lie
	✓ 2. Hearing something from a reliable and credible source
	X 3. Hearing something that is difficult to understand
	X 4. Hearing something coming from a horse's mouth
Q.20	Select the most appropriate option to fill in the blank.
	He is an intelligent person who always thinks before he
Ans	X 1. acted
	√ 2. acts
	X 3. acting
	X 4. act

	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:
	In the realm of literature, words are the (1) of creation, and authors are the (2) of meaning. They skillfully weave stories with (3) narratives that can (4) the depths of human emotion. A well-crafted novel can (5) readers into its world, making them forget the passage of time.
	SubQuestion No : 21
Q.21	Select the most appropriate option to fill in blank number 1.
Ans	X 1. mundane
	X 2. isolate
	X 4. convey
	n somey
	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:
	In the realm of literature, words are the (1) of creation, and authors are the (2) of meaning. They skillfully weave stories with (3) narratives that can (4) the depths of human emotion. A well-crafted novel can (5) readers into its world, making them forget the passage of time.
	SubQuestion No : 22
Q.22	Select the most appropriate option to fill in blank number 2.
Ans	X 1. direction
	√ 2. keepers
	X 3. coward
	X 4. vibrators
	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:
	In the realm of literature, words are the (1) of creation, and authors are the (2) of meaning. They skillfully weave stories with (3) narratives that can (4) the depths of human emotion. A well-crafted novel can (5) readers into its world, making them forget the passage of time.
	SubQuestion No : 23
Q.23	Select the most appropriate option to fill in blank number 3.
Ans	✓ 1. vivid
	X 2. defrost
	X 3. mundane
	X 4. convey
	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:
	In the realm of literature, words are the (1) of creation, and authors are the (2) of meaning. They skillfully weave stories with (3) narratives that can (4) the depths of human emotion. A well-crafted
	novel can (5) readers into its world, making them forget the passage of time.
	novel can (5) narratives that can (4) the depths of human emotion. A well-crafted novel can (5) readers into its world, making them forget the passage of time. SubQuestion No: 24
Q.24	novel can (5) readers into its world, making them forget the passage of time.
Q.24 Ans	novel can (5) readers into its world, making them forget the passage of time. SubQuestion No : 24
	novel can (5) readers into its world, making them forget the passage of time. SubQuestion No : 24 Select the most appropriate option to fill in blank number 4.
	novel can (5) readers into its world, making them forget the passage of time. SubQuestion No : 24 Select the most appropriate option to fill in blank number 4. 1. teacher
	novel can (5) readers into its world, making them forget the passage of time. SubQuestion No: 24 Select the most appropriate option to fill in blank number 4. 1. teacher 2. sailor

	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:				
	In the realm of literature, words are the (1) of creation, and authors are the (2) of meaning. They skillfully weave stories with (3) narratives that can (4) the depths of human emotion. A well-crafted novel can (5) readers into its world, making them forget the passage of time.				
	SubQuestion No : 25				
Q.25	Select the most appropriate option to fill in blank number 5.				
Ans	√ 1. immerse				
	X 2. isolate				
	X 3. install				
	X 4. repel				