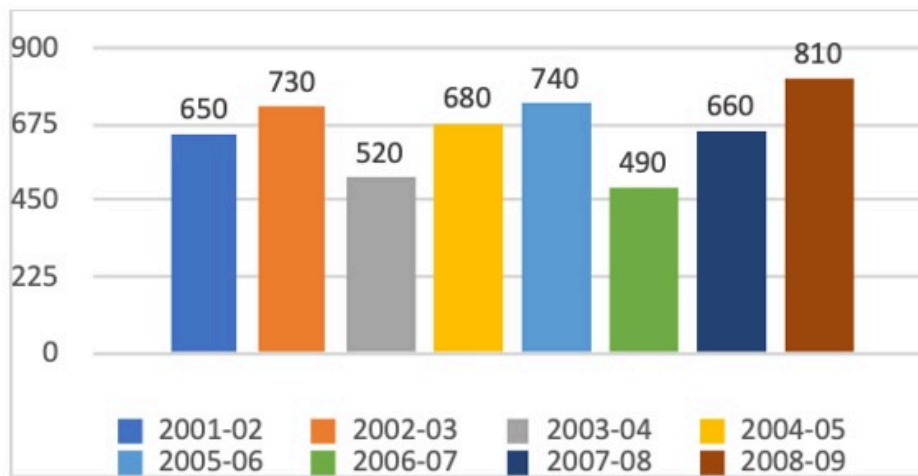


Q.6 The given bar graph shows the profit (in ₹ lakhs) made by a company from 2001-2002 to 2008-2009.



The profit in 2005-06 was approximately what percentage of the average profit over the entire period?

Ans A). 112.12% B). 124.24% C). 118.18% D). 121.21% **Correct Answer: A**

Q.7 A mixture contains 8 kg of tea costing ₹295 per kilogram and 10 kg of tea costing ₹250 per kilogram. The average price per kilogram (in ₹) of the mixture is:

Ans A). 270 B). 259.60 C). 250.70 D). 273 **Correct Answer: A**

Q.8 A solid cuboid with dimensions 2 m × 4 m × 10 m is melted to form small solid cubes of side 8 cm. How many such cubes can be formed?

Ans A). 1,56,250 B). 1,60,000 C). 1,62,250 D). 1,58,250 **Correct Answer: A**

Q.9 If two numbers are 6.25% and 25% more than a third number, respectively, then the first number is how much per cent of the second number?

Ans A). 95% B). 85% C). 90% D). 80% **Correct Answer: B**

Q.10 A rectangular sheet of paper of length 10π cm and width 5 cm is rolled along its length (width of the sheet becomes the height of the cylinder) to form a cylinder. What would be the radius of the cylinder?

Ans A). 10 cm B). 6 cm C). 5 cm D). 2.5 cm **Correct Answer: C**

Q.11 Find the value of $5 + 32 \div 2 + 6 \times 2.5$.

Ans A). 40 B). 36 C). 15 D). 34 **Correct Answer: B**

Q.12 In a school, the average salary of 12 teachers was ₹71,400. If the average salary of the teachers, principal and vice principal was ₹89,500, then what was the average salary of the principal and vice principal (in ₹)?

Ans A). 1,76,800 B). 2,11,000 C). 1,98,100 D). 1,18,900 **Correct Answer: C**

Q.13 If 2744 identical small spheres are made out of a big sphere of radius 7 cm, then what is the surface area of each small sphere?

Ans A). $2\pi \text{ cm}^2$ B). $3\pi \text{ cm}^2$ C). $\pi \text{ cm}^2$ D). $4\pi \text{ cm}^2$ **Correct Answer: C**

Q.14 The ratio of the number of boys and girls in a hostel is 5 : 7. If 40% of boys and 50% of girls are getting scholarships for their studies, what is the percentage of hostel students who are not getting any scholarships?

Ans A). $59\frac{1}{8}\%$ B). $54\frac{1}{6}\%$ C). $35\frac{1}{7}\%$ D). $45\frac{1}{5}\%$ **Correct Answer: B**

Q.15 Raman paid ₹18,656 for a mobile phone, after a single discount of 12%. If Raman is given successive discounts of 4% and 8%, then how much Raman would pay?

Ans A). ₹17,238.84 B). ₹13,728.84 C). ₹18,723.84 D). ₹17,283.84

Correct Answer: C

Q.16 Find the average of the prime numbers lying between 68 and 91.

Ans A). 76 B). 77 C). 78 D). 79

Correct Answer: D

Q.17 The simple interest on a certain sum for 4 years at 23% per annum is ₹11,960 less than the simple interest on the same sum for 8 years. Find the sum.

Ans A). ₹12,000 B). ₹12,500 C). ₹13,500 D). ₹13,000

Correct Answer: D

Q.18 Two trains of lengths 125 m and 175 m respectively are running in the same direction at 40 km/h and 22 km/h respectively. How much time will they take to pass each other completely?

Ans A). 55sec B). 1min C). 50sec D). $12\frac{4}{5}$ sec

Correct Answer: B

Q.19 A boat can travel at a speed of 28 km/h in still water. If the speed of the stream is 4 km/h, what is the average speed (in km/h) of the boat if it travels 192 km downstream, stops there for one hour and then returns to the starting point?

Ans A). 25.6 B). 24.8 C). 36.5 D). 28.5

Correct Answer: A

Q.20 If the cost price of an article is 75% of its selling price, then the profit percent is:

Ans A). 33% B). $33\frac{1}{3}\%$ C). $25\frac{1}{3}\%$ D). 25%

Correct Answer: B

Section : Reasoning Ability and Problem Solving

Q.1 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). F is sitting second to the left of B. F is sitting third to the left of D. B is sitting to the immediate right of E. A is sitting third to the left of E. A is sitting to the immediate right of G. What is the position of F with respect to E?

Ans A). Second to the left B). Immediate left C). Third to the right D). Immediate right

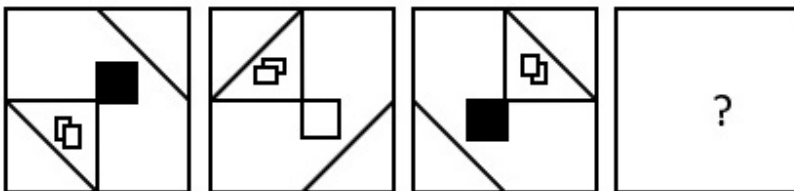
Correct Answer: B

Q.2 In a certain code language, 'train was late' is coded as 'ch px zt' and 'journey by train' is coded as 'fk zt bu'. How is 'train' coded in the given language?

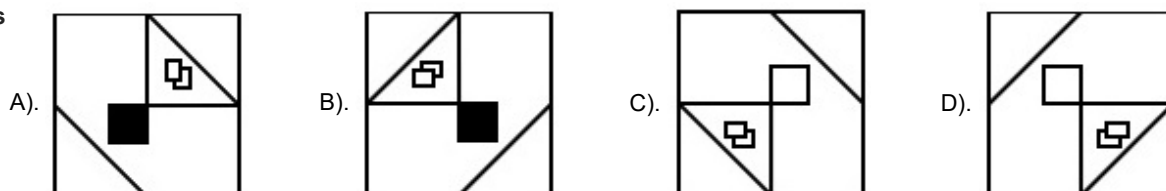
Ans A). zt B). ch C). bu D). px

Correct Answer: A

Q.3 Select the figure from the options that can replace the question mark (?) and logically complete the series.



Ans



Correct Answer: D

Q.4 What will come in place of the question mark (?) in the following equation if '+' and 'x' are interchanged and '-' and '÷' are interchanged?

$$55 \times 16 - 4 \div 7 + 3 = ?$$

Ans A). 28 B). 12 C). 38 D). 17

Correct Answer: C

Q.5 In a certain code language, 'solve the puzzle' is written as 'sp di cy' and 'puzzle is tricky' is coded as 'qp vt di'. How is 'puzzle' coded in the given language?

Ans A). di B). sp C). cy D). qp

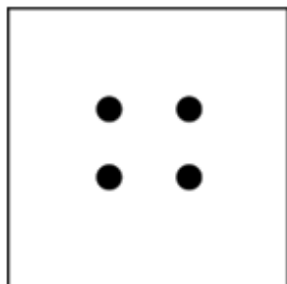
Correct Answer: A

Q.6 A square sheet of paper is folded along the dotted line successively along the directions shown and is then punched in the last. How would the paper look when unfolded?

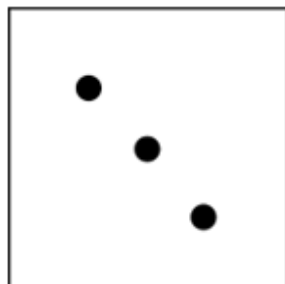


Ans

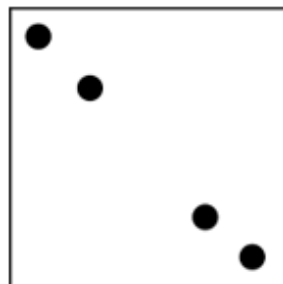
A).



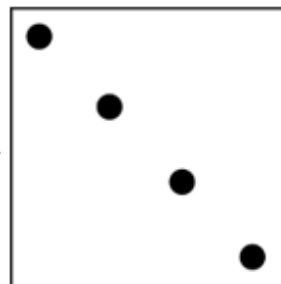
B).



C).



D).



Correct Answer: C

Q.7 HLQC is related to KOTF in a certain way based on the English alphabetical order. In the same way, WTAN is related to ZWDQ. To which of the following is FXCM related, following the same logic?

Ans A). GZfq

B). HZEO

C). IAFP

D). IAEo

Correct Answer: C

Q.8 What should come in place of the question mark (?) in the following series?

97, 88, 85, 76, 73, ?, 61

Ans A). 72

B). 64

C). 65

D). 70

Correct Answer: B

Q.9 In a certain code language, 'GULF' is coded as '7391' and 'FANS' is coded as '2438'. What is the code for 'F' in the given code language?

Ans A). 1

B). 2

C). 3

D). 4

Correct Answer: C

Q.10 EJGL is related to INKP in a certain way based on the English alphabetical order. In the same way, KPMR is related to OTQV. To which of the following is NSPU related, following the same logic?

Ans A). RWTY

B). RWYT

C). WRYT

D). WRTY

Correct Answer: A

Q.11 P, Q, R, S, T, U and V are sitting around a circular table, facing towards the centre (but not necessarily in the same order).
P is an immediate neighbour of both T and U.
S is sitting second to the right of P.
Immediate neighbours of R are U and Q.
S is not an immediate neighbour of U.
Who is sitting to the immediate left of Q?

Ans A). R

B). V

C). U

D). S

Correct Answer: B

Q.12 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 statement(s).

Statements: All cocktails are mocktails.

Some cocktails are juices.

Conclusion (I): Some mocktails are juices.

Conclusion (II): Some juices are not cocktails.

Ans A). Only conclusion II follows

B). Only conclusion I follows

C). Neither conclusion I nor II follow

D). Both conclusions I and II follow

Correct Answer: B

Q.13 Which two numbers should be interchanged to make the following equation correct?

$$36 \div 2 + 4 \times 8 - 11 \times 3 + 28 = 49$$

(Note: Interchange should be done of the entire number and not individual digits of a given number.)

Ans A). 36 and 28

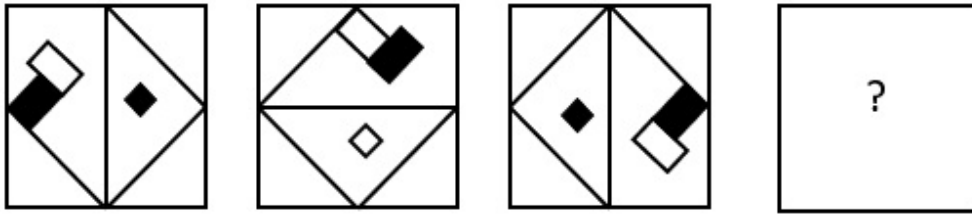
B). 4 and 3

C). 2 and 4

D). 2 and 3

Correct Answer: A

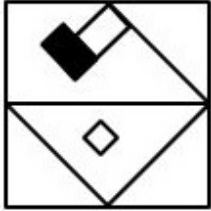
Q.14 Identify the figure given in the options that when put in place of the question mark (?) will logically complete the series.



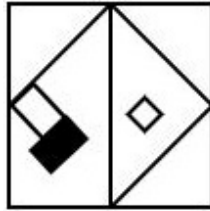
Ans

Correct Answer: D

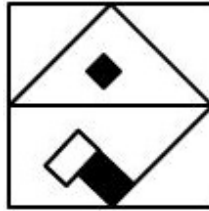
A).



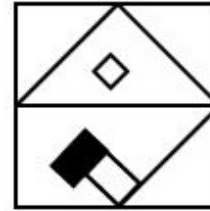
B).



C).



D).



Q.15 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

RVQ, OSN, LPK, IMH, ?

Ans A). FJE

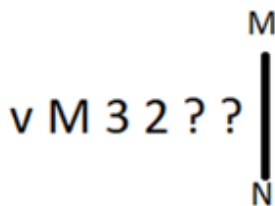
B). EFJ

C). EJF

D). JEF

Correct Answer: A

Q.16 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

A). ? ? 3 2 M v

B). ? ? 2 3 M v

C). ? ? 2 3 M v

D). ? ? 2 3 M v

Correct Answer: C

Q.17 3 is related to 24 following a certain logic. Following the same logic, 4 is related to 60. To which of the following is 6 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 A). 216

B). 230

C). 210

D). 236

Correct Answer: C

Q.18 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 carrots are onions.

No onion is a tomato.

Conclusions:

(I) No carrot is a tomato.

(II) All onions are carrots.

Ans A). Neither conclusion I nor II follows. B). Only conclusion II follows. C). Both conclusions I and II follow. D). Only conclusion I follows.

Correct Answer: D

Q.19 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 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.)

(18, 3, 54)

(21, 4, 84)

Ans A). (4, 8, 39)

B). (8, 7, 58)

C). (14, 2, 28)

D). (3, 11, 53)

Correct Answer: C

Q.20 In a certain code language, 'spin fast slow' is written as 'mm nn oo' and 'fast skid slip' is coded as 'nn rr tt' and 'slip slow jump' is coded as 'rr mm zz'. How is 'jump' coded in the given language?

Ans A). **rr** B). **ZZ** C). **mm** D). **nn** **Correct Answer: B**

Section : **General Awareness**

Q.1 If four resistances of 4 ohm each are connected in parallel, what will be their effective resistance?

Ans A). 4 ohm B). 1 ohm C). 10 ohm D). 16 ohm **Correct Answer: B**

Q.2 Bhavnath Mahadev fair is held every year in which of the following places?

Ans A). Jabalpur B). Chennai C). Agra D). Junagarh **Correct Answer: D**

Q.3 As per the 2001 Census, what is the specific age, for a person to be called literate?

Ans A). 9 years B). 6 years C). 7 years D). 8 years **Correct Answer: C**

Q.4 A section of an active fault that has produced earthquakes in the past but is now quiet and is believed that the fault segment is capable of producing earthquake on some other basis is known as:

Ans A). Hypocenter B). Seismic Gap C). Epicenter D). Seismic Wave **Correct Answer: B**

Q.5 When was the Wildlife Protection Act passed?

Ans A). 1972 B). 1955 C). 1980 D). 1951 **Correct Answer: A**

Q.6 In July 2023, Tribhuvaneshwar Saran Singh Deo was appointed as Deputy Chief Minister of which of the following states?

Ans A). West Bengal B). Jharkhand C). Chhattisgarh D). Odisha **Correct Answer: C**

Q.7 The Mahananda River rising in the _____ is a tributary of Ganga.

Ans A). Chota Nagpur plateau B). Darjeeling hills C). Kaimur hills D). Nanda Devi peak **Correct Answer: B**

Q.8 Which of the following is a traditional game of India?

Ans A). Volleyball B). Kabaddi C). Basketball D). Football **Correct Answer: B**

Q.9 A group of natural substances with variable phenolic structures, which are found in fruits, vegetables, and grains is called:

Ans A). Hopanoids B). Pectins C). Resins D). Flavonoids **Correct Answer: D**

Q.10 The Moplah Uprising, an organised opposition of Muslim cultivators, occurred in which modern state of India?

Ans A). Punjab B). Kerala C). Tamil Nadu D). Bihar **Correct Answer: B**

Q.11 What is the major purpose of the Salal Dam located on Chenab River in Jammu and Kashmir?

Ans A). Hydroelectricity B). Drinking C). Irrigation D). Navigation **Correct Answer: A**

Q.12 Who amongst the following stated the Grameen model of microfinance?

Ans A). Prof. Abhijit Banerjee B). Prof. Muhammad Yunus C). Prof. Amartya Sen D). Dr. Manmohan Singh **Correct Answer: B**

Q.13 In February 2023, there have been protests in Punjab to release a group of Sikh prisoners who have been in jail for more than 30 years since militancy was wiped out in Punjab in the 1990s. What are these prisoners called?

Ans A). Bandi Singhs B). Babbar Bandis C). Khalsa Tigers D). Qaidi Sikhs **Correct Answer: A**

Q.14 Who is the author of the book called 'Beneath the Surface: My Story'?

Ans A). Kobe Bright B). Michael Phelps C). Milkha Singh D). Tiger Woods **Correct Answer: B**

Q.15 The state religion of Bangladesh is:

Ans A). Christianity B). Hinduism C). Buddhism D). Islam **Correct Answer: D**

Q.16	Which of the following was authored by Harisenacharya?				
Ans	A). Rajatarangini	B). Brihatkatha Kosh	C). Brihat Katha Manjari	D). Lilavati	Correct Answer: B
Q.17	Who among the following was ‘Senani’ in the Rig Vedic period?				
Ans	A). A war hero	B). A tax officer	C). A spy	D). A priest	Correct Answer: A
Q.18	Which among the following is considered the first experiment of Satyagraha by Gandhiji in India?				
Ans	A). Kheda	B). Champaran	C). Rowlatt Satyagraha	D). Ahmedabad	Correct Answer: B
Q.19	Who became the first folk artist from India to walk the Cannes red carpet in 2022?				
Ans	A). Mame Khan	B). Swaroop Khan	C). Sartaj Khan	D). Sarwar Khan	Correct Answer: A
Q.20	Sonal Mansingh is a famous proponent of which of the following dance forms?				
Ans	A). Mohiniyattam	B). Manipuri	C). Odissi	D). Kathak	Correct Answer: C
Q.21	The union list from the Seventh Schedule of the Indian Constitution consists of how many subjects as of May 2024?				
Ans	A). Ninety three	B). Ninety five	C). Ninety nine	D). Hundred	Correct Answer: D
Q.22	Anita Sharma, Sangeet Natak Akademi Award winner, is an exponent of _____ dance form.				
Ans	A). Odissi	B). Mohiniyattam	C). Sattriya	D). Kathakali	Correct Answer: C
Q.23	In weight lifting, when an athlete misses all three attempts in the snatch or the clean and jerk, failing to post a total, it is known as _____.				
Ans	A). Bombing-out	B). Take-off	C). Delivery	D). Attempt	Correct Answer: A
Q.24	Which of the following statements about Viharas is/are correct? a)Viharas consist of a verandas, cell and hall around the walls of the hall. b)Ajanta cave and Nashik cave are important parts of Vihara architecture.				
Ans	A). Neither a nor b	B). Both a and b	C). Only b	D). Only a	Correct Answer: B
Q.25	Which of the following phyla contains Leech?				
Ans	A). Platyhelminthes	B). Coelenterata	C). Nematoda	D). Annelida	Correct Answer: D

Section : English Language and Comprehension

Q.1	Select the most appropriate synonym of the word in bold in the given sentence. He was so <i>enraged</i> at the article about him that he sued the newspaper.				
Ans	A). Generated	B). Determined	C). Angered	D). Enhanced	Correct Answer: C
Q.2	Recognise the sentence with the correct transitive verb form of break.				
	A. The cyclone broke the window. B.The window broke. C. The cyclone caused the breaking of window. D.The cyclone caused the broken window.				
Ans	A). C	B). A	C). B	D). D	Correct Answer: B
Q.3	Identify the INCORRECTLY spelt word in the given sentence.				
	BBC Media has shown exponenteal growth in their revenue this year.				
Ans	A). exponenteal	B). revenue	C). media	D). year	Correct Answer: A
Q.4	Select the most appropriate option to fill in the blank. Leisure activities are activities that people _____ in during their free time while they are not working.				
Ans	A). encourage	B). engage	C). evaluate	D). exempt	Correct Answer: B

Q.5	Select the option that has used the correct tense.			
Ans	A). By the time we arrive at the party, they had been waiting for over an hour. B). By the time we arrived at the party, they had been waiting for over an hour. C). By the time we arrives at the party, they had been waiting for over an hour. D). By the time we arriving at the party, they had been waiting for over an hour.			Correct Answer: B
Q.6	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. It is a common perception / that the rich sometimes / despise poor.			
Ans	A). No error B). that the rich sometimes C). despise poor. D). It is a common perception			Correct Answer: C
Q.7	Select the most appropriate ANTONYM of the given word. Searing			
Ans	A). Mocking B). Pressing C). Freezing D). Thrilling			Correct Answer: C
Q.8	Select the most appropriate option to fill in the blank. Prem is an excellent chess player. He is the _____ student of the class too.			
Ans	A). most intelligent B). intelligently C). intelligent D). more intelligent			Correct Answer: A
Q.9	Select the most appropriate ANTONYM of the given word. Boisterous			
Ans	A). Noisy B). Benevolent C). Buoyant D). Quiet			Correct Answer: D
Q.10	Select the option that can be used as a one-word substitute for the highlighted group of words in the given sentence. The minister went to visit the monuments set up for people who were buried in other countries.			
Ans	A). graves B). cemetery C). cenotaphs D). coffins			Correct Answer: C
Q.11	The following sentence has been split into four segments. Identify the segment that contains a grammatical error. Sushil, who recently joined our school / was awarded the Gold Cup / as he worked hardly / throughout the year.			
Ans	A). throughout the year. B). Sushil, who recently joined our school C). was awarded the Gold Cup D). as he worked hardly			Correct Answer: D
Q.12	Select the most appropriate idiom that can substitute the underlined words in the given sentence. His sudden resignation left the company <u>in a very difficult situation and to have to make a hard decision</u> as they scrambled to find a replacement.			
Ans	A). in the dark B). with a silver lining C). between a rock and a hard place D). on cloud nine			Correct Answer: C
Q.13	Select the correct spelling of the underlined word in the given sentence. The weather was <u>absolutley</u> perfect for the outdoor event.			
Ans	A). absolutely B). absoutley C). absoltutely D). absolutly			Correct Answer: A
Q.14	Select the most appropriate meaning of the given idiom. an open book			
Ans	A). someone who gives advice based on theory not practice B). a helpful person C). a person of whom her mother is extremely proud D). a person or thing that is easy to learn about and understand			Correct Answer: D
Q.15	Select the most appropriate ANTONYM of the given word. Meticulous			
Ans	A). Persevering B). Exemplary C). Determined D). Regardless			Correct Answer: D
Q.16	Parts of the following sentence have been given as options. Select the option that contains an error. I have never seen so beautiful a landscape than this one.			
Ans	A). I have never seen B). so beautiful C). a landsca e D). than this one			Correct Answer: D

Q.17 Select the option that can be used as a one-word substitute for the given group of words. A post without any remuneration Ans A). Illegible B). Bigot C). Effeminate D). Honorary Correct Answer: D
Q.18 Select the most appropriate synonym of the given word. Corroborate Ans A). Suggest B). Support C). Contend D). Elaborate Correct Answer: B
Q.19 Select the option that can be used as a one-word substitute for the given phrase. Belonging or pertaining to an individual from birth Ans A). Congregational B). Congenital C). Congruent D). Congenial Correct Answer: B
Q.20 Select the INCORRECTLY spelt word. Ans A). Damaged B). Fantastic C). Expensive D). Forgetfull Correct Answer: D
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. Though people are becoming health-conscious these days, (1)_____ simple lifestyle habits they are prone to fatal diseases. (2)_____ a new study published in ‘The Journal of the American College of Cardiology’, (3)_____ food more sparingly is linked to a lower risk of heart disease, heart failure , and ischemic heart disease. A significant risk factor for cardiovascular disease, high blood pressure, is demonstrated to be correlated (4)_____ high sodium intake. As per the research, a person’s individual sodium intake over time may be predicted by how (5)_____ they salt their food. It is found that people who do not put a little additional salt to their food very often had a much lower risk of heart disease event regardless of lifestyle factors and pre-existing disease. SubQuestion No : 21 Q.21 Select the most appropriate option to fill in blank number 1. Ans A). for B). because of C). because D). but Correct Answer: B
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. Though people are becoming health-conscious these days, (1)_____ simple lifestyle habits they are prone to fatal diseases. (2)_____ a new study published in ‘The Journal of the American College of Cardiology’, (3)_____ food more sparingly is linked to a lower risk of heart disease, heart failure , and ischemic heart disease. A significant risk factor for cardiovascular disease, high blood pressure, is demonstrated to be correlated (4)_____ high sodium intake. As per the research, a person’s individual sodium intake over time may be predicted by how (5)_____ they salt their food. It is found that people who do not put a little additional salt to their food very often had a much lower risk of heart disease event regardless of lifestyle factors and pre-existing disease. SubQuestion No : 22 Q.22 Select the most appropriate option to fill in blank number 2. Ans A). According with B). Accordingly C). In according with D). According to Correct Answer: D
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. Though people are becoming health-conscious these days, (1)_____ simple lifestyle habits they are prone to fatal diseases. (2)_____ a new study published in ‘The Journal of the American College of Cardiology’, (3)_____ food more sparingly is linked to a lower risk of heart disease, heart failure , and ischemic heart disease. A significant risk factor for cardiovascular disease, high blood pressure, is demonstrated to be correlated (4)_____ high sodium intake. As per the research, a person’s individual sodium intake over time may be predicted by how (5)_____ they salt their food. It is found that people who do not put a little additional salt to their food very often had a much lower risk of heart disease event regardless of lifestyle factors and pre-existing disease. SubQuestion No : 23 Q.23 Select the most appropriate option to fill in blank number 3. Ans A). salt B). salted C). salting D). salt with Correct Answer: C

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.

Though people are becoming health-conscious these days, (1)_____ simple lifestyle habits they are prone to fatal diseases. (2)_____ a new study published in 'The Journal of the American College of Cardiology', (3)_____ food more sparingly is linked to a lower risk of heart disease, heart failure , and ischemic heart disease. A significant risk factor for cardiovascular disease, high blood pressure, is demonstrated to be correlated (4)_____ high sodium intake. As per the research, a person's individual sodium intake over time may be predicted by how (5)_____ they salt their food. It is found that people who do not put a little additional salt to their food very often had a much lower risk of heart disease event regardless of lifestyle factors and pre-existing disease.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

Ans A). in B). of C). with D). for

Correct Answer: C

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.

Though people are becoming health-conscious these days, (1)_____ simple lifestyle habits they are prone to fatal diseases. (2)_____ a new study published in 'The Journal of the American College of Cardiology', (3)_____ food more sparingly is linked to a lower risk of heart disease, heart failure , and ischemic heart disease. A significant risk factor for cardiovascular disease, high blood pressure, is demonstrated to be correlated (4)_____ high sodium intake. As per the research, a person's individual sodium intake over time may be predicted by how (5)_____ they salt their food. It is found that people who do not put a little additional salt to their food very often had a much lower risk of heart disease event regardless of lifestyle factors and pre-existing disease.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

Ans A). soundly B). hefty C). burly D). frequently

Correct Answer: D