

## Stenographer Grade C and D Examination 2024

Exam Date	10/12/2024
Exam Time	12:30 PM - 2:30 PM
Subject	Stenographer Grade C and D Examination 2024

### Section : General Intelligence and Reasoning

**Q.1** What will come in place of the question mark (?) in the following equation if ' +' means ' $\div$ ', ' -' means ' $\times$ ', ' $\times$ ' means ' $+$ ' and ' $\div$ ' means ' $-$ '?  
 $(280 + 10 \times 20) - 8 \div 6 = ?$

Ans  1. 388  
 2. 376  
 3. 368  
 4. 378

**Q.2** Which two signs need to be interchanged to make the following equation correct?

$$\{(78 + 70) - (6 \times 2)\} \div 2 = 10$$

Ans  1. +,  $\times$   
 2.  $\div$ , +  
 3.  $\div$ ,  $\times$   
 4.  $\div$ ,  $\times$

**Q.3** In a certain code language, 'SECURE' is coded as YJGXTF and 'FAMILY' is coded as LFQLNZ. How will 'HOUSES' be coded in the same language?

Ans  1. NYVGT  
 2. TGVYTN  
 3. NTVYGV  
 4. NTYTG

**Q.4** 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 rectangles are trapezium.  
All trapeziums are parallelogram.

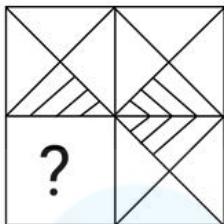
No parallelogram is circle.

Conclusions:

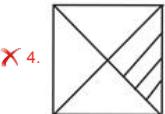
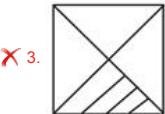
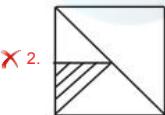
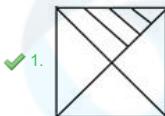
I) No rectangle is circle.  
II) No trapezium is circle.  
III) All rectangles are parallelogram.

Ans  1. Only conclusion I and III  
 2. All conclusion I, II and III  
 3. Only conclusion II and III  
 4. Only conclusion I and II

Q.5 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.



Ans



Q.6 Select the option in which the numbers share the same relationship as that shared by the given triad of numbers.

(4, 16, 60)

(2, 4, 6)

(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. 5, 25, 125

✓ 2. 3, 9, 24

✗ 3. 8, 56, 448

✗ 4. 7, 49, 42

Q.7 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:

Some zinc is iron.

Some zinc is silver.

No silver is gold.

Conclusions:

I) Some zinc is not gold.

II) Some zinc is gold.

III) Some silver is iron.

Ans ✗ 1. Only conclusion II follow

✓ 2. Only conclusion I follow

✗ 3. Only conclusion III follow

✗ 4. Conclusion Either I or II follow

**Q.8** Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word)

Map : Directions :: Manual : \_\_\_\_\_

Ans  1. Assumptions

2. Conclusions

3. Statements

4. Instructions

**Q.9** Six sports persons are sitting around a circular table facing the centre. R is sitting second to the right of M. Only two people are sitting between R and K. V is sitting second to the right of S. N is an immediate neighbour of both K and V. Who is the immediate neighbour of both M and R?

Ans  1. V

2. S

3. N

4. K

**Q.10** Which of the following numbers will replace the question mark (?) in the given series?

3, 10, 24, 45, 73, ?

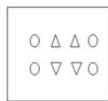
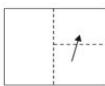
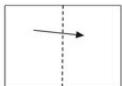
Ans  1. 107

2. 106

3. 108

4. 109

**Q.11** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



A

B

C

D

Ans  1. D

2. C

3. A

4. B

**Q.12** F is the brother of D. G is the daughter of B. H is the mother of F. D is the son of E. B is married to F. How is B related to E?

Ans  1. Wife's brother

2. Son's wife

3. Wife's mother

4. Son's daughter

Q.13 In this question, two statements are followed by four conclusions given as options. Decide which conclusion is definitely true, based on the given statements.

Statements:  
 $A \geq B > C < D$   
 $E < B > F \geq G$

Ans  1.  $G < A$

2.  $C > E$

3.  $D > E$

4.  $E < G$

Q.14 Three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

(NOTE: The odd one out is not based on the number of vowels or consonants in the word)

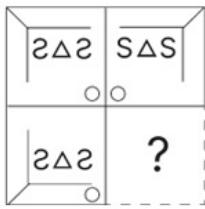
Ans  1. BEC

2. PSQ

3. UXW

4. GJH

Q.15 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.



Ans



Q.16 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

(NOTE: The odd one out is not based on the number of vowels or consonants in the word)

Ans  1. QILG

2. PJMH

3. UEDC

4. SGJE

**Q.17** Which two numbers (not digits) should be interchanged to make the given equation correct?  
 $104 \div 8 - 15 + 4 \times 26 = 21$

Ans  1. 15 and 4  
 2. 8 and 26  
 3. 8 and 15  
 4. 15 and 26

**Q.18** 325 is related to 30 following a certain logic. Following the same logic, 424 is related to 32. Which of the following numbers is related to 16 using the same logic?

Ans  1. 178  
 2. 182  
 3. 180  
 4. 184

**Q.19** Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

$$546 : 15 :: 879 : ? :: 715 : 13$$

Ans  1. 19  
 2. 24  
 3. 21  
 4. 17

**Q.20** Select the pair which is related to each other in the same way as the following –

$$27:82$$

$$9:28$$

(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. 36:107  
 2. 42:127  
 3. 18:37  
 4. 45:138

**Q.21** If every letter in the word IMAGINATION is changed to the next letter in the English alphabetical order and the letters of the new word are arranged in alphabetical order, which letter will be the sixth from the left end of the new word thus formed?

Note: The new word formed after performing the mentioned operations may not necessarily be a meaningful English word.

Ans  1. N  
 2. O  
 3. J  
 4. P

**Q.22** 35 is related to 48 following a certain logic. Following the same logic, 15 is related to 24. Which of the following is 80 related to, 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. 99  
 2. 95  
 3. 98  
 4. 89

Q.23 Which of the following numbers will replace the question mark (?) in the given series?

13, 29, 61, 125, 253, 509, ?

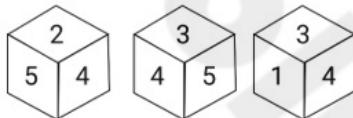
Ans  1. 1099  
 2. 1029  
 3. 1021  
 4. 1089

Q.24 What will come in place of the question mark (?) in the given series?

120, 101, 139, 82, 158, ?

Ans  1. 58  
 2. 61  
 3. 63  
 4. 55

Q.25 Three different positions of the same dice are shown. Find the number on the face opposite the face showing the number '4'.



Ans  1. 3  
 2. 2  
 3. 6  
 4. 5

Q.26 Select the pair which is related to each other in the same way as the following –

14:205

5:34

(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. 25:636  
 2. 16:247  
 3. 9:91  
 4. 28:793

Q.27 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word)

Immigration : Entrance :: Emigration : ?

Ans  1. Bridge  
 2. Departure  
 3. Passport  
 4. Aeroplane

Q.28 A is the wife of R. R is the son of C. B is the wife of C and M is the brother of C. How is M related to R?

Ans  1. Father's sister  
 2. Father  
 3. Father's brother  
 4. Son

Q.29 If 2 October 2012 was Tuesday, then what was the day of the week on 1 October 2016?

Ans  1. Sunday  
 2. Friday  
 3. Saturday  
 4. Thursday

Q.30 Which option represents the correct order of the given words as they would appear in an English dictionary?

1. Immigrate
2. Immediate
3. Immerse
4. Immense
5. Immature

Ans  1. 5, 2, 4, 1, 3  
 2. 5, 3, 4, 2, 1  
 3. 5, 4, 2, 3, 1  
 4. 5, 2, 4, 3, 1

Q.31 Which figure should replace the question mark (?) if the following series were to be continued?

W	3	↑	X	C	3	↑	3	X	?
↑	X		C	3	3	X	□	↑	
C			W		□			C	

Ans

1. 

D	↑
C	X
Q	

2. 

D	3
↑	X
Q	

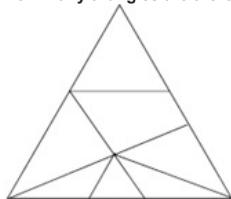
3. 

□	C
3	X
↑	

4. 

X	↑
3	□
Q	

Q.32 How many triangles are there in the given figure?



Ans  1. 11  
 2. 12  
 3. 13  
 4. 14

**Q.33** Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans



х 1.



x 2.



3



× 4

Q.34 In a certain code language, 'BREATHE' is coded as 70 and 'TRIUMPH' is coded as 135. How will 'TRAGEDY' be coded in the same language?

Ans  1. 80  
 2. 111  
 3. 95  
 4. 86

**Q.35** Suresh is now 19 years old and in college. Since he was a 5-year-old, he stayed in a hostel and is now coming back home after 14 long years. His parents have texted him the direction from the railway station to his house. See the below text message sent to Suresh by his parents and answer the following question accordingly.

"When you step out of the railway station, you are facing north. Take a right and drive 4 km, you will see a T-point/Junction. Take a right and drive 2 km. There will be a roundabout with four roads. Take the second left from the round-about and drive 1 km. Take a right and drive 3 km. Take a left and drive 2 km. You will find our house at the front. Come home fast."

In which direct is Suresh facing after taking a right from the railway station?

Ans  1. West

2. North

3. South

4. East

**Q.36** Select the pair from among the given options that is analogous to the given pair.

10 : 999

2 : 7

(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. 6 : 215

2. 4 : 65

3. 5 : 128

4. 8 : 315

**Q.37** Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All books are copies.

Some books are texts.

Conclusions:

I. Some texts are copies.

II. No text is a copy.

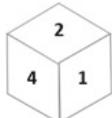
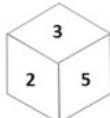
Ans  1. Both conclusions I and II follow.

2. Only conclusion II follows.

3. Neither conclusion I nor II follows.

4. Only conclusion I follows.

**Q.38** Two different positions of the same die are shown below. What is the number on the face opposite to the one having 6?



Ans  1. 2

2. 1

3. 5

4. 4

**Q.39** Which of the following equations is correct when the numbers 12 and 6 are interchanged and the signs + and - are interchanged?

Ans  1.  $6 + 4 \times 5 - 12 + 3 = 30$

2.  $9 \div 6 \times 4 + 12 - 3 = 18$

3.  $12 \div 3 - 8 - 6 + 1 = 15$

4.  $4 \cdot 6 \times 12 \div 5 + 7 = 22$

**Q.40** Which letter-cluster will replace the question mark (?) to complete the given series?

DUYG, ?, PGKS, VMQY, BSWE

Ans  1. IZFN  
 2. KBDM  
 3. JAEM  
 4. JZDN

**Q.41** Which of the following terms will replace the question mark (?) in the given series?  
WKED, ZLHE, CMKF, FNNG, ?

Ans  1. IOQH  
 2. HOPH  
 3. IPQI  
 4. HPPI

**Q.42** Which of the following numbers will replace the question mark (?) in the given series?  
53, 52, 54, 53, 55, ?

Ans  1. 57  
 2. 56  
 3. 54  
 4. 55

**Q.43** If + means  $\times$ ,  $\times$  means  $-$ ,  $-$  means  $\div$ , and  $\div$  means  $+$ , what will be the value of the given expression?

$$24 - 4 + 18 \times 3 \div 7$$

Ans  1. 120  
 2. 98  
 3. 118  
 4. 112

**Q.44** H, I, J, K, L and M are sitting around a circular table facing the centre (but not necessarily in the same order). Only two people sit between L and M. M is the immediate neighbour of I and J. H sits to the immediate right of I. How many people sit between K and H when counted from the left of K?

Ans  1. None  
 2. Three  
 3. Two  
 4. One

**Q.45** Which two numbers (not digits) and which two signs should be interchanged to yield the value 'zero' for the following expression?

$$13 + 65 \div 2 \times 8 - 21$$

Ans  1. + and  $\div$ ; 13 and 21  
 2. - and  $\div$ ; 8 and 13  
 3.  $\times$  and  $-$ ; 21 and 65  
 4. + and  $\div$ ; 13 and 65

**Q.46** Three statements are given followed by three conclusions numbered I, II and III.

Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some teas are coffees.

All coffees are waters.

All teas are colas.

Conclusions:

I. Some colas are waters.

II. Some coffees are colas.

III. Some waters are teas.

Ans  1. Only conclusions II and III follow

2. Only conclusion II follows

3. All the conclusions follow

4. Only conclusion I follows

**Q.47** Select the term from among the given options that can replace the question mark (?) in the following series.

DA, XU, RO, LI, ?

Ans  1. FC

2. FB

3. ED

4. GD

**Q.48** Kamlesh got an opportunity to work in a multinational company. Tomorrow is his first day of office and he asked his fellow employee to give him directions to his new office. Kamlesh lives in Town A (in the North) and his office is in Town F. His fellow employee gave him the directions over a phone and he noted it in a piece of paper. Below is the written transcript. Read the transcript carefully and answer the question that follows.

'Take left from Town A and drive 2 km and you will be at Town B. Take left from Town B and drive 3 km to reach Town C. Take right from Town C and drive 4 km to reach Town D. Take right from Town D and drive 4 km to reach Town E. Take left from Town E and drive 5 km to reach Town F. The office is in Town F.'

Upon reaching Town D, how many kilometres would Kamlesh have covered tomorrow?

Ans  1. 9

2. 18

3. 13

4. 5

**Q.49** What will come in place of the question mark (?) in the given series?

614, ?, 349, 249, 168, 104

Ans  1. 513

2. 469

3. 470

4. 452

**Q.50** Among seven people F, G, H, K, L, M and N, each has a different age. Only H is older than K. The second oldest is 38 years old. Only three people are younger than L. M is older than only N. M's age is half of K's age. F is 36 years old. L's age is a multiple of 10. What can be the sum of the ages of K and L?

Ans  1. 56 years

2. 66 years

3. 68 years

4. 60 years

**Q.1 Cotton is used in making clothes. In this example, cotton is which type of good?**

Ans  1. Giffen

2. Capital

3. Intermediate

4. Inferior

**Q.2 According to the Census 2011, which group of seven sister states has the highest literacy rate?**

Ans  1. Tripura and Arunachal Pradesh

2. Manipur and Nagaland

3. Mizoram and Meghalaya

4. Mizoram and Tripura

**Q.3 According to the Census of India 2011, which state has the highest number of slum population?**

Ans  1. Andhra Pradesh

2. Maharashtra

3. Uttar Pradesh

4. Rajasthan

**Q.4 Where is the head office of the Sports Authority of India located?**

Ans  1. New Delhi

2. Kolkata

3. Punjab

4. Kerala

**Q.5 With reference to the city administration of Mauryan Empire, consider the following statements.**

a) Megasthenes put light on the Mauryan city administration.

b) The city council was divided into six committees.

c) City administration was well planned.

Which of the above statements is/are correct?

Ans  1. b, c

2. a, b

3. a, b, c

4. c, a

**Q.6 From 1950 to 1990, the proportion of GDP contributed by the Agriculture sector**

Ans  1. declined significantly

2. did not decline significantly

3. did not increase significantly

4. remained the same

**Q.7 Who among the following is a famous Mohiniyattam dancer?**

Ans  1. Sheema Kermani

2. Sunanda Nair

3. Mallika Sarabhai

4. Saswati Sen

**Q.8** North Indian architecture is called:

Ans  1. Indo-Saracenic style  
 2. Dravidian style  
 3. Roman-Greek style  
 4. Nagara style

**Q.9** The festival of flowers, predominantly celebrated in Telangana, is also known as \_\_\_\_\_.

Ans  1. Bathukamma  
 2. Kajari  
 3. Phulaich  
 4. Phool Dei

**Q.10** \_\_\_\_\_ are amoeboid (amoeba like movement, with pseudopodia) that can squeeze out through capillary walls.

Ans  1. White blood cells  
 2. Red blood cells  
 3. Guard cells  
 4. Nerve cells

**Q.11** The Begumpuri mosque was built during the reign of which of the following rulers of the Delhi Sultanate?

Ans  1. Sikandar Lodhi  
 2. Firuz Shah Tughlaq  
 3. Bahlul Lodhi  
 4. Muhammad Tughlaq

**Q.12** Which of the following statements is true about the changing pattern of India international trade?

Ans  1. The share of agriculture and allied products has increased, whereas, shares of petroleum and crude products and other commodities have declined.  
 2. The share of agriculture and allied products has declined, whereas, shares of petroleum and crude products and other commodities have increased.  
 3. The share of agriculture and allied products has remained constant, whereas, shares of petroleum and crude products and other commodities have fluctuated.  
 4. The share of agriculture and allied products has varied, whereas, shares of petroleum and crude products and other commodities have remained constant.

**Q.13** Which of the following is an ex-officio member of the National Commission for Allied and Healthcare Profession as provided in the National Commission for Allied and Healthcare Profession Act, 2021?

Ans  1. Minister of Health and Family Welfare, Government of India  
 2. Prime Minister  
 3. Secretary, Ministry of Home Affairs, Government of India  
 4. Joint Secretary, Department of Legal Affairs, Ministry of Law and Justice

**Q.14** Which of the following options represents only the units of energy?

Ans  1. Joule, Calorie, Kilowatt hour  
 2. Calorie, Kilowatt hour, Newton  
 3. Joule, Newton, Kilowatt hour  
 4. Joule, Calorie, Newton

Q.15 During the Green Revolution period in India, child nutrition-focused scheme, the Integrated Child Development Scheme (ICDS) was launched in \_\_\_\_\_.

Ans  1. 1972  
 2. 1977  
 3. 1975  
 4. 1976

Q.16 Select the CORRECT combination of novelist and their works.

Ans  1. Two Leaves and a Bud – Mulk Raj Anand  
 2. The Chess Master and His Moves – RK Narayan  
 3. Waiting for Mahatma – Raja Rao  
 4. The Cat and Shakespeare – Ravindranath Tagore

Q.17 Who among the following is the author of the book 'The Inheritance of Loss'?

Ans  1. Kamala Bhasin  
 2. Meena Kandasamy  
 3. Manju Kapoor  
 4. Kiran Desai

Q.18 'Raga Mala' is an autobiography of who among the following musicians?

Ans  1. Lata Mangeshkar  
 2. Amjad Ali Khan  
 3. Ravi Shankar  
 4. A R Rahman

Q.19 \_\_\_\_\_ is a game between two teams, each usually having six players, who wear skates and compete on an ice rink.

Ans  1. Ice skating  
 2. Ringette  
 3. Rinkball  
 4. Ice hockey

Q.20 Which of the following Indian classical musicians is also known as Sarod Maestro?

Ans  1. Bismillah Khan  
 2. Asad Ali Khan  
 3. Amjad Ali Khan  
 4. RV Raghavan

Q.21 Which of the following country hosted the One Day International Cricket World Cup in 2023?

Ans  1. Australia  
 2. India  
 3. Pakistan  
 4. England

Q.22 Which of the following was NOT including in the Pitt's India Act of 1784?

Ans  1. A committee of six government appointees, known as the Board of Control, was formed  
 2. Madras and Bombay presidencies were brought under Bengal presidency  
 3. All the debts of the East India Company were taken over by the British Government of India  
 4. The governance of India was handed over to the Governor General and a council consisting of three members

**Q.23 Choose the correct statement.**

Ans  1. All bacteria are autotrophs.  
 2. Autotrophs' survival depends directly on heterotrophs.  
 3. Animals are autotrophs.  
 4. Heterotrophs' survival depends directly or indirectly on autotrophs.

**Q.24 Which of the following statements is correct regarding the climate of the Indian subcontinent?**

Ans  1. The Thar desert protects the subcontinent from extremely cold winds from central Asia.  
 2. The climate of North India remains similar throughout the year  
 3. The Western Ghat protects the subcontinent from extremely cold winds from central Asia.  
 4. The Himalayas protect the subcontinent from extremely cold winds from central Asia.

**Q.25 Kharchi Puja of Tripura is celebrated in the month of \_\_\_\_\_.**

Ans  1. September-October  
 2. April-May  
 3. January-February  
 4. July-August

**Q.26 To study the buildings and structures of the Harappan civilisation, a teacher should take his students on a field trip to which of the following states of India?**

Ans  1. Gujarat and Rajasthan  
 2. Tamil Nadu and Andhra Pradesh  
 3. Sikkim and Tripura  
 4. Bengal and Odisha

**Q.27 Identify the type of specialised cells found in flatworms that help in osmoregulation.**

Ans  1. Flame cells  
 2. Sperm cells  
 3. Stem cells  
 4. Mesoderm

**Q.28 The Malabar Coast is located in which of the following States of India?**

Ans  1. Odisha  
 2. Gujarat  
 3. Kerala  
 4. Maharashtra

**Q.29 Where was the first Headquarters of the Theosophical Society established in India?**

Ans  1. Puducherry  
 2. Madurai  
 3. Kolkata  
 4. Adyar

**Q.30 Which Article of the Indian Constitution gives equality before the law?**

Ans  1. Article 20  
 2. Article 16  
 3. Article 18  
 4. Article 14

**Q.31** Which of the following is NOT a National Waterway of the country?

Ans  1. National Waterway No. 2  
 2. National Waterway No. 6  
 3. National Waterway No. 4  
 4. National Waterway No. 1

**Q.32** Consider the following statements with regard to Satnam Movement of Central India.

a) The movement was founded by Ghasidas.  
b) The movement was to improve the condition of leather workers.

Which of the above statements is/are correct?

Ans  1. Only a  
 2. Both a and b  
 3. Neither a or b  
 4. Only b

**Q.33** Which of the following folk dances is performed by the fisherfolk of the Mithila region in Bihar?

Ans  1. Karma  
 2. Nrityakali  
 3. Kamala  
 4. Jiya

**Q.34** Identify the odd option from among the following.

Ans  1. Bromine  
 2. Chlorine  
 3. Argon  
 4. Fluorine

**Q.35** The first edition of Indian Women's Premier League (cricket) was held in the year \_\_\_\_\_.

Ans  1. 2022  
 2. 2023  
 3. 2000  
 4. 2021

**Q.36** Coulomb's law is applicable for \_\_\_\_\_.

Ans  1. neither point charges nor distributed charges  
 2. both distributed charges and point charges  
 3. Between two distributed charges  
 4. Between two point charges

**Q.37** Interspecific interaction between two species, in which both members benefit, is referred to as:

Ans  1. uniquely  
 2. neutralism  
 3. commensalism  
 4. mutualism

**Q.38** The Indian Council of Agricultural Research (ICAR) has classified the Indian soil into \_\_\_\_\_ categories as per the United States Department of Agriculture (the USDA) Soil Taxonomy?

Ans  1. 12  
 2. 7  
 3. 9  
 4. 8

**Q.39** In December 2022, who became the first woman President of the Indian Olympic Association?

Ans  1. PV Sindhu  
 2. Sakshi Malik  
 3. PT Usha  
 4. Mary Kom

**Q.40** The amount of Cash Reserves that commercial banks are required to keep with the RBI is referred to as:

Ans  1. Bank Rate  
 2. SLR  
 3. CRR  
 4. Repo Rate

**Q.41** Which of the following commissions does NOT safeguard the interests of any caste or community?

Ans  1. National Commission for Backward Classes  
 2. National Commission for Scheduled Tribes  
 3. Finance Commission of India  
 4. National Commission for Scheduled Castes

**Q.42** The Mahabodhi Temple was built entirely from \_\_\_\_\_ by Ashoka.

Ans  1. bricks  
 2. wood  
 3. stones  
 4. rocks

**Q.43** Which of the following is classified as an autotrophic organism?

Ans  1. Animal  
 2. Human  
 3. Fungi  
 4. Plant

**Q.44** Who among the following is the author of 'The God of Small Things'?

Ans  1. Vikram Seth  
 2. Anita Desai  
 3. Arundhati Roy  
 4. Chitra Banerjee Divakaruni

**Q.45** The correct chemical formula of the compound Magnesium Hydroxide is:

Ans  1.  $Mg_2(OH)$   
 2.  $Mg(OH)_2$   
 3.  $MgOH_2$   
 4.  $Mg(OH)$

**Q.46 Which of the following edicts of King Ashoka describes the Kalinga war?**

Ans  1. Rock edict XIII  
 2. Pillar edict III  
 3. Rock edict II  
 4. Pillar edict IV

**Q.47 Choose the correct statement regarding the bacterial cell wall.**

Ans  1. Chitin is the major component of the bacterial cell wall.  
 2. The major component of the bacterial cell wall is peptidoglycan or murein.  
 3. Pectin is the major component of the bacterial cell wall.  
 4. The major component of the bacterial cell wall is cellulose.

**Q.48 The 44<sup>th</sup> Chess Olympiad was organised in which of the following cities?**

Ans  1. Bhopal  
 2. Mumbai  
 3. Ahmedabad  
 4. Chennai

**Q.49 Dr. Jayanthi Kumaresan is famous for playing the \_\_\_\_\_.**

Ans  1. Ghatam  
 2. Mridangam  
 3. Saraswati Veena  
 4. Harmonium

**Q.50 Under Pradhan Mantri Fasal Bima Yojana, the maximum premium payable by the farmers will be \_\_\_\_\_ for rabi crops.**

Ans  1. 3%  
 2. 1.5%  
 3. 6%  
 4. 4.5%

Section : English Language and Comprehension

**Q.1 Select the option that correctly expresses the following sentence in direct speech.  
She told me that she had already finished the project.**

Ans  1. She said, "She will have finished the project."  
 2. She told me, " He had already finished the project."  
 3. She said to her, "I already finished the project."  
 4. She said to me, "I have already finished the project."

**Q.2 Select the option that expresses the given sentence in passive form.  
The shopkeeper lifted the shutter to open his shop.**

Ans  1. To open his shop, the shutter is lifted by the shopkeeper.  
 2. The shutter is being lifted by the shopkeeper to open his shop.  
 3. The shutter will be lifted by the shopkeeper to open his shop.  
 4. The shutter was lifted by the shopkeeper to open his shop.

**Q.3 Select the option that expresses the given sentence in passive voice.**

Were you laughing at the poor masses?

Ans  1. Are the poor masses being laughed at by you?  
 2. Have the poor masses been laughed at by you?  
 3. Were the poor masses being laughed at by you?  
 4. Had the masses been laughed at by you?

**Q.4 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.**

A. Telugu movie industry is proud of many great producers, directors, artists and musicians.  
B. Savithri was one such great artist who influenced Telegu movie industry single-handedly for many years.  
C. Her initial interest was in dance so she learnt dance before entering movies.  
D. She is still worshipped for her matchless expressions and dialogue delivery.

Ans  1. BCDA  
 2. CDAB  
 3. ABCD  
 4. ACDB

**Q.5 Select the most appropriate meaning of the given idiom.**

Your guess is as good as mine

Ans  1. To guess an incredible idea  
 2. To have no idea of the answer  
 3. To predict a disaster  
 4. To be superstitious

**Q.6 Select the option that expresses the given sentence in passive voice.**

The interference of the police force would have controlled the situation.

Ans  1. The situation would have been controlled by the interference of the police force.  
 2. The situation could be controlled by the interference of the police force.  
 3. The situation could have been controlled by the interference of the police force.  
 4. The situation would be controlled by the interference of the police force.

**Q.7 Select the option that expresses the following sentence in direct speech.**

He told me that he would have finished the project by the following day.

Ans  1. "I have finished the project by tomorrow," he said to me.  
 2. "I would finish the project," he said to me tomorrow.  
 3. "I will finish the project by the next day," he said to me.  
 4. "I will have finished the project by tomorrow," he said to me.

**Q.8 Select the most appropriate option to fill in the blank.**

Although one's body language is a very powerful medium of expression, we express our thoughts, verbally or \_\_\_\_\_ through language, which is our main way of communication.

Ans  1. hyperbolically  
 2. banefully  
 3. anemically  
 4. textually

**Q.9** The following sentence has been split into four segments. Identify the segment that contains an error.

One of the great rivers / of China, a Hwang Ho, / originates from the / eastern face of Tibet.

Ans  1. One of the great rivers  
 2. eastern face of Tibet  
 3. of China, a Hwang Ho,  
 4. originates from the

**Q.10** The given sentence is divided into four segments. Select the option that has the segment with a grammatical error.

When I saw / her, she write / a poem / with full attention.

Ans  1. her, she write  
 2. a poem  
 3. with full attention.  
 4. when I saw

**Q.11** Select the correct alternative from the given options that correctly changes the form of narration in the given sentence.

The Headmistress said, "What a performance!"

Ans  1. The Headmistress said that what a performance.  
 2. The Headmistress exclaimed that it was a great performance.  
 3. The Headmistress praised what a great performance.  
 4. The Headmistress exclaimed what a great performance.

**Q.12** Select the most appropriate synonym for the given word.

Recurrent

Ans  1. Upstanding  
 2. Prostrate  
 3. Upright  
 4. Review

**Q.13** Select the most appropriate option to fill in the blank.

Venus didn't have any moons or satellites or even a \_\_\_\_\_ field, but it did have an atmosphere sort of similar to Earth's, except it was super-hot.

Ans  1. magnetic  
 2. musicological  
 3. pedagogic  
 4. graphological

**Q.14** Select the option that will improve the underlined part of the given sentence.

I know a person who parents live in Milan.

Ans  1. whom parents  
 2. whose parents  
 3. what parents  
 4. which parents

**Q.15** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The rain will / not have stop / before the match / begins.

Ans  1. The rain will  
 2. before the match  
 3. begins  
 4. not have stop

**Q.16** Select the most appropriate adverb to fill in the blank.

He is good \_\_\_\_\_ for the job.

Ans  1. partly  
 2. enough  
 3. rather  
 4. altogether

**Q.17** Select the most appropriate synonym of the given word.

Taciturnity

Ans  1. Eloquence  
 2. Talkative  
 3. Silence  
 4. Tactic

**Q.18** Parts of the following sentence have been underlined and given as options. Select the option that contains an error.

I stayed in my hometown with my parents on the pandemic.

Ans  1. with  
 2. on  
 3. in  
 4. I

**Q.19** Select the option that expresses the given sentence in indirect speech.

He said, "Shall I ever reach my destination?"

Ans  1. He said he shall never reach his destination.  
 2. He said I shall never reach his destination.  
 3. He wondered if he would ever reach his destination.  
 4. He said to me I shall never reach my destination.

**Q.20** Identify the error in the given sentence and select the option that correctly rectifies the error.

The day is longer than year on Venus.

Ans  1. A day is longer than the year on Venus.  
 2. A day is longer than a year on Venus.  
 3. All day is longer than a year on Venus.  
 4. Day is longer than the year on Venus.

**Q.21** Select the option that expresses the given sentence in direct speech.  
The doctor advised me to take bed rest and eat nutritious food.

Ans  1. The doctor told me, "I should take bed rest and eat nutritious food."  
 2. The doctor said to me, "You take bed rest and eat nutritious food."  
 3. The doctor said to me, "I take bed rest and eat nutritious food."  
 4. The doctor said to me, "Take bed rest and eat nutritious food."

**Q.22** Select the most appropriate ANTONYM of the underlined word.

This narrow lane will take you to your destination.

Ans  1. mild

2. broad

3. slender

4. straight

**Q.23** Select the option that expresses the given sentence in passive voice.

We have reorganised the department over the last year.

Ans  1. Last year, the department was reorganised.

2. The department is being reorganised over the last year.

3. The department is reorganised by me.

4. The department has been reorganised over the last year.

**Q.24** The given sentence is divided into four segments. Identify the segment that contains a grammatical error.

If we / were meeting at 6 p.m., / we will / have plenty of time.

Ans  1. If we

2. were meeting at 6 p.m.,

3. we will

4. have plenty of time.

**Q.25** Select the most appropriate ANTONYM of the given word.

Exaggerate

Ans  1. Emphasise

2. Understate

3. Embellish

4. Neglect

**Q.26** Identify the most appropriate ANTONYM of the given word.

Fathomable

Ans  1. Inartistic

2. Incoherent

3. Inauspicious

4. Incite

**Q.27** Select the option that expresses the given sentence in direct speech.

He ordered his soldiers to take that bird away. Its gilded cage reminded him of his father whom he had imprisoned.

Ans  1. He said to his soldiers, "May this bird be taken away. Its gilded cage reminds me of my father whom I imprisoned."

2. He said to his soldiers, "Take the bird away. Its gilded cage reminded him of his father whom I imprison."

3. He said to his soldiers, "Take this bird away. Its gilded cage reminded me of my father whom I imprison."

4. He said to his soldiers, "Take this bird away. Its gilded cage reminds me of my father whom I imprisoned."

**Q.28 Select the option that expresses the given sentence in passive voice.**

They will have to pull down this building as they have not complied with the building regulations of the city.

Ans  1. This building is to be pulled down by them as the building regulations of the city have not been complied with by them.

2. This building will have to be pulled down by them as the building regulations of the city have not been complied with.

3. This building will be pulled down as the building regulations of the city have not been complied with by them.

4. This building needs to be pulled down by them as the building regulations of the city have not been complied with.

**Q.29 Select the option that expresses the given sentence in indirect speech.**

"Dear daughter," she said caressing her cheeks, "have you come to comfort me in my time of need?"

Ans  1. Caressing her daughter's cheeks, she asked affectionately if she had come to comfort her in her time of need.

2. Caressing her daughter's cheeks, she said affectionately if she had been coming to comfort her in her time of need.

3. Caressing her daughter's cheeks, she asked affectionately if she did come to comfort her in her time of need.

4. Caressing her daughter's cheeks, she said affectionately if she has come to comfort her in her time of need.

**Q.30 Select the option that expresses the given sentence in passive voice.**

Suma is making tea.

Ans  1. Tea is being made by Suma.

2. Tea was made by Suma.

3. Tea was being made by Suma.

4. Tea has been made by Suma.

**Q.31 Sentences of a paragraph are given below in jumbled order. Select the most logical sequence of sentences from the options to construct a meaningful and cohesive paragraph.**

a. Researchers from five medical centres around the country found that insomniacs were also significantly likely to have poor health, such as chest pain, arthritis, and depression, as well as difficulties doing daily duties.

b. Even temporary sleep loss can disrupt the body's capacity to break down carbohydrates, interfere with hormones, and aggravate diabetes and high blood pressure.

c. So, make time for whatever helps you sleep, whether it's exercise, massages, yoga, meditation, or a fragrance bath.

d. Sleep deprivation has frightening consequences for many biological processes.

Ans  1. d, a, c, b

2. d, a, b, c

3. d, c, a, b

4. d, c, b, a

**Q.32 Select the most appropriate ANTONYM of the given word.**

Inclusion

Ans  1. Gain

2. Boost

3. Accrual

4. Omission

**Q.33** Select the option that expresses the given sentence in active voice.

Let the door be closed.

Ans  1. The door will be closed.

2. The door is closed.

3. Close the door.

4. Please let him close the door.

**Q.34** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

In August, she will be / enjoying / all the fruits her grandmother / will plant last January.

Ans  1. will plant last January

2. In August, she will be

3. all the fruits her grandmother

4. enjoying

**Q.35** Select the alternative from the given options that best expresses the same sentence in active/passive voice.

Who built this colossal architectural structure?

Ans  1. Who had this colossal architectural structure built?

2. By whom was this colossal architectural structure built?

3. By whom has this colossal architectural structure been built ?

4. By whom is this colossal architectural structure built?

**Q.36** Select the most appropriate ANTONYM of the bracketed word in the following sentence to fill in the blank.

The patient consumed mushrooms for hallucinatory experiences, but the doctor advised to consume only \_\_\_\_\_(hallucinogenic) drugs.

Ans  1. freaky

2. psychedelic

3. regular

4. abnormal

**Q.37** Select the option that expresses the given sentence in reported speech.

Koushik said to Tarun, "You are a good cricketer."

Ans  1. Koushik told Tarun that he had been a good cricketer.

2. Koushik told that Tarun is a good cricketer.

3. Koushik told Tarun that he was a good cricketer.

4. Koushik tells Tarun that he is a good cricketer.

**Q.38** Identify the error in the following sentence.

Once on a time, there was a brave king.

Ans  1. brave

2. on

3. was

4. once

**Q.39** Select the most appropriate meaning of the given idiom.

**Weal and woe**

Ans  1. Joy and sorrow

2. Early and late

3. Hot and cold

4. Simplicity and complexity

**Q.40** Select the most appropriate option to fill in the blank.

You can tell yourself that you would be willing to lose everything you have in order to get something you want: all of those things you're willing to lose are what make you\_\_\_\_\_.

Ans  1. recognisable

2. unfortunately

3. pessimist

4. distract

**Q.41** Select the most appropriate ANTONYM of the underlined word in the given sentence.  
His was a stupendous performance in the competition.

Ans  1. Soothing

2. Unimpressive

3. Mnemonic

4. Herculean

**Q.42** Select the option that expresses the given sentence in active voice.  
This saree was bought by my son on the occasion of my birthday.

Ans  1. My son has bought the saree on the occasion of my birthday.

2. My son had bought this saree on the occasion of my birthday.

3. My son has bought this saree on the occasion of my birthday.

4. My son bought this saree on the occasion of my birthday.

**Q.43** Select the most appropriate form and tense of the bracketed verb in the following sentence to fill in the blank.

I'm busy today. I'd rather we \_\_\_\_\_ (has) the meeting tomorrow.

Ans  1. had

2. Has been

3. had been

4. has

**Q.44** Select the option that expresses the given sentence in passive voice.

The secretary has planted a lot of saplings to save the environment.

Ans  1. A lot of saplings were planted by the secretary to save the environment.

2. A lot of saplings are planted by the secretary to save the environment.

3. A lot of saplings have been planted by the secretary to save the environment.

4. A lot of saplings are being planted by the secretary to save the environment.

**Q.45** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I have thought at / what you said / and I've decided / to take your advice.

Ans  1. to take your advice

2. and I've decided

3. I have thought at

4. what you said

**Q.46** Select the option that expresses the given sentence in direct speech.

Ravi said that he might go to the mall.

Ans  1. Ravi said, "I will go to the mall."

2. Ravi said, "I can go to the mall."

3. Ravi said, "I could go to the mall."

4. Ravi said, "I may go to the mall."

**Q.47** Sentences of a paragraph—labelled A, B, C, D—are given below in jumbled order.

Select the option that arranges the sentences in the correct logical order to form a meaningful and coherent paragraph.

A. The Booker is awarded on 17 October, which also happens to be Garner's 88th birthday, a coincidence that itself feels a little magical.

B. 'If the rocks, caves, lakes, fens, bogs and dens of the land of Britain had a voice, it would sound like Alan Garner telling a story.'

C. This year Alan Garner became the oldest author ever to be shortlisted for the Booker Prize for his small but mighty novel Treacle Walker.

D. Treacle Walker, a dreamlike fable of a convalescent boy named Joseph, a rag-and-bone man and a bog-dwelling spirit is at once a characteristically cryptic tale of a child threatened by dark forces, a meditation on time and mortality and a vivid example of folk horror.

Ans  1. B, D, A, C

2. D, A, C, B

3. A, D, B, C

4. C, A, D, B

**Q.48** Select the option that expresses the given sentence in passive voice.

Who has told you to buy trash from the market?

Ans  1. Who could tell you to buy trash?

2. The buying of trash has been told by whom?

3. By whom have you been told to buy trash?

4. By whom had you been told to buy trash?

**Q.49** Select the option that expresses the given sentence in active voice.

Was your bicycle stolen by him?

Ans  1. Did he steal your bicycle?

2. Had he stolen your bicycle?

3. Has he stolen your bicycle?

4. Was he stealing your bicycle?

**Q.50** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

In the next few months, / they will / have teach / hundreds of children.

Ans  1. have teach

2. they will

3. hundreds of children

4. In the next few months,

**Q.51** Select the most appropriate meaning of the given idiom.

Loose cannon

Ans  1. Someone who is quiet and reserved in social situations

2. Someone who is unpredictable and liable to cause problems

3. Someone who is enthusiastic and very eager to take responsibilities

4. Someone who is well known and respected in society

Q.52 Select the most appropriate option to fill in the blank.

One should keep \_\_\_\_\_ surroundings neat and tidy.

Ans  1. ones

2. one's

3. there

4. there's

Q.53 Select the most appropriate option to fill in the blank.

For no \_\_\_\_\_ reason, the train suddenly stopped, and the passengers went into a state of panic.

Ans  1. florid

2. gaudy

3. taken

4. apparent

Q.54 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, select 'No error' as your answer.

(a) The Gita/ (b) is most sacred book/ (c) of the Hindus. / (d) No error

Ans  1. c

2. b

3. a

4. d

Q.55 Select the most appropriate option to fill in the blank.

The Great wall of China was built to link existing fortifications into a united \_\_\_\_\_ system and to keep the invading Mongol tribes out of China.

Ans  1. defence

2. corporate

3. irrigation

4. ecological

Q.56 Select the most appropriate option that expresses the given sentence in direct speech.

Sakshi said that she would do it then or never.

Ans  1. Sakshi said, "I would do it then or never."

2. Sakshi said, "I have to do it now or never."

3. Sakshi said, "I will do it now or never."

4. Sakshi said, "I will do it then or never."

Q.57 Select the most appropriate option to fill in the blank.

The difference between a male and a female still \_\_\_\_\_ in our society. In this era where women have such great achievements in every field, still in some sections of our community, a man is always termed as superior to women.

Ans  1. insists

2. requires

3. defects

4. persists

**Q.58** Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- (A) I must tell you that I am referring to the tax year which began on 1 April
- (B) Let me be the first to wish you a very happy New Year
- (C) In case none of your friends or family did so
- (D) Now, before you ask whether the spring sunshine has gone to my head

Ans  1. BACD

2. ADCB

3. DBAC

4. CBDA

**Q.59** Select the most appropriate meaning of the given idiom.

Diamond in the rough

Ans  1. A top model

2. Unpolished diamonds

3. An industry of star-struck actors

4. An unsophisticated person with potential

**Q.60** Select the most appropriate meaning of the given idiom.

A bird's eye view

Ans  1. To move or rise into sight, especially from a distance

2. A clear impression of what is happening

3. To hold a negative or pessimistic opinion on something

4. A limited understanding of something

**Q.61** Select the most appropriate synonym of the underlined word.

The lockdown during Covid-19 in certain places has imposed threatening constraints on market economy and it will take time to recover from this.

Ans  1. Beliefs

2. Problems

3. Restrictions

4. Faiths

**Q.62** Select the option that expresses the given sentence in direct speech.

He asked me affectionately what he could do for me.

Ans  1. He said to me, "What should be done for you?"

2. He said to me, "What can be done for me?"

3. He said to me, "What can I do for you, dear?"

4. He said to me, "What could he do?"

**Q.63** Select the option that expresses the given sentence in indirect speech.

Jatin said, "I was at home yesterday."

Ans  1. Jatin said that he was at home yesterday.

2. Jatin said that he had been at home the day before.

3. Jatin said he was at home the day before.

4. Jatin said he was at home.

**Q.64** Sentences of a paragraph are given below in jumbled order. Select the option that arranges the sentences in the correct order to form a meaningful and coherent paragraph.

- A. Before we could react or comprehend, the waters had wiped out all the shanties on the beach.
- B. The word 'tsunami' sends shivers down my spine.
- C. Suddenly, on a bright afternoon I noticed a lot of waves grow bigger and splash quickly.
- D. I still remember my vacation in Thailand the day the tsunami struck.

Ans  1. C, D, A, B

2. B, D, C, A

3. A, B, C, D

4. D, A, B, C

**Q.65** Select the most appropriate option to substitute the underlined segment in the given sentence.

My mom made her muffins, but she didn't eat none.

Ans  1. she did eat none

2. she did ate many

3. she didn't eat any

4. she didn't ate any

**Q.66** Select the phrase/idiom that will improve the underlined part of the given sentence.

Our defence minister has shown his silver will by introducing this scheme.

Ans  1. iron will

2. stony will

3. diamond will

4. golden will

**Q.67** Select the most appropriate ANTONYM of the underlined word in the given sentence.

The team's performance was at its zenith in 2017.

Ans  1. Nadir

2. Peak

3. Height

4. Sneak

**Q.68** Select the most appropriate ANTONYM of the underlined word.

She made a courageous decision to quit her job.

Ans  1. coward

2. myopic

3. calm

4. obstinate

**Q.69** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The compensation that the [A] / Government agreed to provide to [B] / the dependents of the [C] / train accident is fairly less [D].

Ans  1. A

2. B

3. D

4. C

**Q.70 Select the most appropriate option to fill in the blank.**

If you are going to keep eating those cookies, you are going to \_\_\_\_\_ your dinner.

Ans  1. miss  
 2. cheer  
 3. allow  
 4. mute

**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.

The Kodagu district administration \_\_\_\_\_ (1) planned a Honey Festival in the gardens of Raja Seat in Madikeri on 24 and 25 December. The festival, which has been planned in association with Kodagu Zilla Panchayat and Horticulture Department, \_\_\_\_\_ (2) aimed at encouraging \_\_\_\_\_ (3) in Kodagu in view of the worldwide demand for Coorg honey. The festival is \_\_\_\_\_ (4) to bring together not only people engaged in apiculture, but also scientists, societies and companies \_\_\_\_\_ (5) in producing honey.

**SubQuestion No : 71**

**Q.71 Select the most appropriate option to fill in blank number 1.**

Ans  1. have  
 2. has  
 3. had  
 4. has been

**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.

The Kodagu district administration \_\_\_\_\_ (1) planned a Honey Festival in the gardens of Raja Seat in Madikeri on 24 and 25 December. The festival, which has been planned in association with Kodagu Zilla Panchayat and Horticulture Department, \_\_\_\_\_ (2) aimed at encouraging \_\_\_\_\_ (3) in Kodagu in view of the worldwide demand for Coorg honey. The festival is \_\_\_\_\_ (4) to bring together not only people engaged in apiculture, but also scientists, societies and companies \_\_\_\_\_ (5) in producing honey.

**SubQuestion No : 72**

**Q.72 Select the most appropriate option to fill in blank number 2.**

Ans  1. have  
 2. was  
 3. is  
 4. had

**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.

The Kodagu district administration \_\_\_\_\_ (1) planned a Honey Festival in the gardens of Raja Seat in Madikeri on 24 and 25 December. The festival, which has been planned in association with Kodagu Zilla Panchayat and Horticulture Department, \_\_\_\_\_ (2) aimed at encouraging \_\_\_\_\_ (3) in Kodagu in view of the worldwide demand for Coorg honey. The festival is \_\_\_\_\_ (4) to bring together not only people engaged in apiculture, but also scientists, societies and companies \_\_\_\_\_ (5) in producing honey.

**SubQuestion No : 73**

**Q.73 Select the most appropriate option to fill in blank number 3.**

Ans  1. horticulture  
 2. apiculture  
 3. agriculture  
 4. sericulture

**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.

The Kodagu district administration \_\_\_\_\_ (1) planned a Honey Festival in the gardens of Raja Seat in Madikeri on 24 and 25 December. The festival, which has been planned in association with Kodagu Zilla Panchayat and Horticulture Department, \_\_\_\_\_ (2) aimed at encouraging \_\_\_\_\_ (3) in Kodagu in view of the worldwide demand for Coorg honey. The festival is \_\_\_\_\_ (4) to bring together not only people engaged in apiculture, but also scientists, societies and companies \_\_\_\_\_ (5) in producing honey.

**SubQuestion No : 74**

**Q.74 Select the most appropriate option to fill in blank number 4.**

Ans  1. excepted  
 2. accepted  
 3. sophisticated  
 4. expected

**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.

The Kodagu district administration \_\_\_\_\_ (1) planned a Honey Festival in the gardens of Raja Seat in Madikeri on 24 and 25 December. The festival, which has been planned in association with Kodagu Zilla Panchayat and Horticulture Department, \_\_\_\_\_ (2) aimed at encouraging \_\_\_\_\_ (3) in Kodagu in view of the worldwide demand for Coorg honey. The festival is \_\_\_\_\_ (4) to bring together not only people engaged in apiculture, but also scientists, societies and companies \_\_\_\_\_ (5) in producing honey.

**SubQuestion No : 75**

**Q.75 Select the most appropriate option to fill in blank number 5.**

Ans  1. captivated  
 2. engrossed  
 3. engaged  
 4. related

**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 its basic form, nursing can be seen as a duty, but beyond the (1)\_\_\_\_\_ operational activities that lay the (2)\_\_\_\_\_ of our daily work, the profession is all about grace. Helping people is a (3)\_\_\_\_\_ calling. It is a privilege to serve my fellow human beings. Fifteen years has seen many ups and downs at the workplace, but I have enjoyed (4)\_\_\_\_\_ the many patients who come into my care, and have prayed for the souls of those who were on the (5)\_\_\_\_\_ of death.

**SubQuestion No : 76**

**Q.76 Select the most appropriate option to fill in blank number 1.**

Ans  1. inadvertent  
 2. incessant  
 3. robust  
 4. transparent

**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 its basic form, nursing can be seen as a duty, but beyond the (1)\_\_\_\_\_ operational activities that lay the (2)\_\_\_\_\_ of our daily work, the profession is all about grace. Helping people is a (3)\_\_\_\_\_ calling. It is a privilege to serve my fellow human beings. Fifteen years has seen many ups and downs at the workplace, but I have enjoyed (4)\_\_\_\_\_ the many patients who come into my care, and have prayed for the souls of those who were on the (5)\_\_\_\_\_ of death.

**SubQuestion No : 77**

**Q.77 Select the most appropriate option to fill in blank number 2.**

Ans  1. pleasing  
 2. placement  
 3. foundation  
 4. delicacy

**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 its basic form, nursing can be seen as a duty, but beyond the (1)\_\_\_\_\_ operational activities that lay the (2)\_\_\_\_\_ of our daily work, the profession is all about grace. Helping people is a (3)\_\_\_\_\_ calling. It is a privilege to serve my fellow human beings. Fifteen years has seen many ups and downs at the workplace, but I have enjoyed (4)\_\_\_\_\_ the many patients who come into my care, and have prayed for the souls of those who were on the (5)\_\_\_\_\_ of death.

**SubQuestion No : 78**

**Q.78 Select the most appropriate option to fill in blank number 3.**

Ans  1. Noble  
 2. Diffident  
 3. Corrosive  
 4. problematic

**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 its basic form, nursing can be seen as a duty, but beyond the (1)\_\_\_\_\_ operational activities that lay the (2)\_\_\_\_\_ of our daily work, the profession is all about grace. Helping people is a (3)\_\_\_\_\_ calling. It is a privilege to serve my fellow human beings. Fifteen years has seen many ups and downs at the workplace, but I have enjoyed (4)\_\_\_\_\_ the many patients who come into my care, and have prayed for the souls of those who were on the (5)\_\_\_\_\_ of death.

**SubQuestion No : 79**

**Q.79 Select the most appropriate option to fill in blank number 4.**

Ans  1. Hosting  
 2. Serving  
 3. Deceiving  
 4. preventing

**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 its basic form, nursing can be seen as a duty, but beyond the (1)\_\_\_\_\_ operational activities that lay the (2)\_\_\_\_\_ of our daily work, the profession is all about grace. Helping people is a (3)\_\_\_\_\_ calling. It is a privilege to serve my fellow human beings. Fifteen years has seen many ups and downs at the workplace, but I have enjoyed (4)\_\_\_\_\_ the many patients who come into my care, and have prayed for the souls of those who were on the (5)\_\_\_\_\_ of death.

**SubQuestion No : 80**

**Q.80 Select the most appropriate option to fill in blank number 5.**

Ans  1. leverage  
 2. longevity  
 3. allowance  
 4. brink

**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.

The modern-day world is full of psychological disorders, (1)\_\_\_\_\_ health, mental tension, and many more problems. Likewise, the life of some people is like a mad rush from one work to another without any (2)\_\_\_\_\_. Besides, there are very few people in the world that care about their health more than their work or daily tasks. But there are ways by which we can restore our health fully and morning walk is one of them. It can reduce the amount of health disorders and (3)\_\_\_\_\_ the physical shape and state of the body, which protects us from many diseases. Besides, morning walk gives you energy, motivates you to avoid laziness, creates a positive mindset, it is good for your organs especially the heart, and it gives you time to (4)\_\_\_\_\_ your day. To sum it up, we can say that, morning walk is very important for the body. Also, it helps to keep the body and mind healthy. Besides, everyone, (5)\_\_\_\_\_ kids or elders should try to make morning walk a part of their daily routine.

**SubQuestion No : 81**

**Q.81 Select the most appropriate option to fill in blank number 1.**

Ans  1. best  
 2. poor  
 3. good  
 4. strong

**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.

The modern-day world is full of psychological disorders, (1)\_\_\_\_\_ health, mental tension, and many more problems. Likewise, the life of some people is like a mad rush from one work to another without any (2)\_\_\_\_\_. Besides, there are very few people in the world that care about their health more than their work or daily tasks. But there are ways by which we can restore our health fully and morning walk is one of them. It can reduce the amount of health disorders and (3)\_\_\_\_\_ the physical shape and state of the body, which protects us from many diseases. Besides, morning walk gives you energy, motivates you to avoid laziness, creates a positive mindset, it is good for your organs especially the heart, and it gives you time to (4)\_\_\_\_\_ your day. To sum it up, we can say that, morning walk is very important for the body. Also, it helps to keep the body and mind healthy. Besides, everyone, (5)\_\_\_\_\_ kids or elders should try to make morning walk a part of their daily routine.

**SubQuestion No : 82**

**Q.82 Select the most appropriate option to fill in blank number 2.**

Ans  1. stress  
 2. urgent  
 3. break  
 4. fulfilling

**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.

The modern-day world is full of psychological disorders, (1)\_\_\_\_ health, mental tension, and many more problems. Likewise, the life of some people is like a mad rush from one work to another without any (2)\_\_\_\_\_. Besides, there are very few people in the world that care about their health more than their work or daily tasks. But there are ways by which we can restore our health fully and morning walk is one of them. It can reduce the amount of health disorders and (3)\_\_\_\_ the physical shape and state of the body, which protects us from many diseases. Besides, morning walk gives you energy, motivates you to avoid laziness, creates a positive mindset, it is good for your organs especially the heart, and it gives you time to (4)\_\_\_\_ your day. To sum it up, we can say that, morning walk is very important for the body. Also, it helps to keep the body and mind healthy. Besides, everyone, (5)\_\_\_\_ kids or elders should try to make morning walk a part of their daily routine.

**SubQuestion No : 83****Q.83 Select the most appropriate option to fill in blank number 3.**

Ans  1. deteriorate  
 2. control  
 3. ruin  
 4. improve

**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.

The modern-day world is full of psychological disorders, (1)\_\_\_\_ health, mental tension, and many more problems. Likewise, the life of some people is like a mad rush from one work to another without any (2)\_\_\_\_\_. Besides, there are very few people in the world that care about their health more than their work or daily tasks. But there are ways by which we can restore our health fully and morning walk is one of them. It can reduce the amount of health disorders and (3)\_\_\_\_ the physical shape and state of the body, which protects us from many diseases. Besides, morning walk gives you energy, motivates you to avoid laziness, creates a positive mindset, it is good for your organs especially the heart, and it gives you time to (4)\_\_\_\_ your day. To sum it up, we can say that, morning walk is very important for the body. Also, it helps to keep the body and mind healthy. Besides, everyone, (5)\_\_\_\_ kids or elders should try to make morning walk a part of their daily routine.

**SubQuestion No : 84****Q.84 Select the most appropriate option to fill in blank number 4.**

Ans  1. break  
 2. ruin  
 3. plan  
 4. forget

**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.

The modern-day world is full of psychological disorders, (1)\_\_\_\_ health, mental tension, and many more problems. Likewise, the life of some people is like a mad rush from one work to another without any (2)\_\_\_\_\_. Besides, there are very few people in the world that care about their health more than their work or daily tasks. But there are ways by which we can restore our health fully and morning walk is one of them. It can reduce the amount of health disorders and (3)\_\_\_\_ the physical shape and state of the body, which protects us from many diseases. Besides, morning walk gives you energy, motivates you to avoid laziness, creates a positive mindset, it is good for your organs especially the heart, and it gives you time to (4)\_\_\_\_ your day. To sum it up, we can say that, morning walk is very important for the body. Also, it helps to keep the body and mind healthy. Besides, everyone, (5)\_\_\_\_ kids or elders should try to make morning walk a part of their daily routine.

**SubQuestion No : 85****Q.85 Select the most appropriate option to fill in blank number 5.**

Ans  1. neither  
 2. either  
 3. some  
 4. whether

**Comprehension:**

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

She was, I think, a good woman – and she had him sent (1)\_\_\_\_\_. When her husband died, she (2)\_\_\_\_\_ the truth. And so, to save the man she loved, she tried to destroy the (3)\_\_\_\_\_ against him. Later, I think, he (4)\_\_\_\_\_ her that her suspicions were (5)\_\_\_\_\_, and she consented to marry him.

**SubQuestion No : 86****Q.86 Select the most appropriate option to fill in blank no. 1.**

Ans  1. by

2. away

3. on

4. through

**Comprehension:**

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

She was, I think, a good woman – and she had him sent (1)\_\_\_\_\_. When her husband died, she (2)\_\_\_\_\_ the truth. And so, to save the man she loved, she tried to destroy the (3)\_\_\_\_\_ against him. Later, I think, he (4)\_\_\_\_\_ her that her suspicions were (5)\_\_\_\_\_, and she consented to marry him.

**SubQuestion No : 87****Q.87 Select the most appropriate option to fill in blank no. 2.**

Ans  1. filed

2. suspected

3. smuggled

4. debited

**Comprehension:**

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

She was, I think, a good woman – and she had him sent (1)\_\_\_\_\_. When her husband died, she (2)\_\_\_\_\_ the truth. And so, to save the man she loved, she tried to destroy the (3)\_\_\_\_\_ against him. Later, I think, he (4)\_\_\_\_\_ her that her suspicions were (5)\_\_\_\_\_, and she consented to marry him.

**SubQuestion No : 88****Q.88 Select the most appropriate option to fill in blank no. 3.**

Ans  1. crime

2. time

3. evidence

4. opportunity

**Comprehension:**

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

She was, I think, a good woman – and she had him sent (1)\_\_\_\_\_. When her husband died, she (2)\_\_\_\_\_ the truth. And so, to save the man she loved, she tried to destroy the (3)\_\_\_\_\_ against him. Later, I think, he (4)\_\_\_\_\_ her that her suspicions were (5)\_\_\_\_\_, and she consented to marry him.

**SubQuestion No : 89****Q.89 Select the most appropriate option to fill in blank no. 4.**

Ans  1. killed

2. persuaded

3. pondered

4. guessed

**Comprehension:**

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

She was, I think, a good woman – and she had him sent (1)\_\_\_\_\_. When her husband died, she (2)\_\_\_\_\_ the truth. And so, to save the man she loved, she tried to destroy the (3)\_\_\_\_\_ against him. Later, I think, he (4)\_\_\_\_\_ her that her suspicions were (5)\_\_\_\_\_, and she consented to marry him.

**SubQuestion No : 90****Q.90 Select the most appropriate option to fill in blank no. 5.**

Ans  1. true

2. facts

3. unfounded

4. concrete

**Comprehension:**

Read the given passage carefully and answer the questions that follow.

The topic of renewable energy is becoming increasingly important as concerns about climate change and the depletion of non-renewable resources continue to grow. Renewable energy sources, such as solar and wind power, have the potential to provide a clean and sustainable source of power for the world's growing population.

One of the major advantages of renewable energy is that it is not limited by the same supply constraints as fossil fuels. Unlike oil, coal, and natural gas, which are finite resources that will eventually run out, renewable energy sources like solar and wind power will never run out. Additionally, renewable energy sources do not produce the greenhouse gases that are responsible for climate change, making them a much more environmentally friendly option. Despite the clear benefits of renewable energy, there are still significant challenges that need to be overcome in order for it to become a viable alternative to fossil fuels. One of the main challenges is the cost of renewable energy, which is currently higher than traditional fossil fuels. However, as technology continues to improve and economies of scale are achieved, the cost of renewable energy is expected to decrease.

Another challenge is the need for reliable and efficient energy storage solutions, which are essential for the widespread adoption of renewable energy. Without effective energy storage solutions, renewable energy sources like solar and wind power can only be used when the sun is shining or the wind is blowing, which greatly limits their overall usefulness.

Overall, renewable energy has the potential to play a critical role in addressing the world's energy needs and reducing dependence on fossil fuels. While challenges remain, with continued research and development, renewable energy is likely to become increasingly viable and important in the coming years.

**SubQuestion No : 91****Q.91 Select the most appropriate title for the passage.**

Ans  1. The Future of Nuclear Energy

2. The Role of Technology in Energy Production

3. The Environmental Impact of Non-Renewable Energy Sources

4. The Advantages and Challenges of Renewable Energy

**Comprehension:**

Read the given passage carefully and answer the questions that follow.

The topic of renewable energy is becoming increasingly important as concerns about climate change and the depletion of non-renewable resources continue to grow. Renewable energy sources, such as solar and wind power, have the potential to provide a clean and sustainable source of power for the world's growing population.

One of the major advantages of renewable energy is that it is not limited by the same supply constraints as fossil fuels. Unlike oil, coal, and natural gas, which are finite resources that will eventually run out, renewable energy sources like solar and wind power will never run out.

Additionally, renewable energy sources do not produce the greenhouse gases that are responsible for climate change, making them a much more environmentally friendly option. Despite the clear benefits of renewable energy, there are still significant challenges that need to be overcome in order for it to become a viable alternative to fossil fuels. One of the main challenges is the cost of renewable energy, which is currently higher than traditional fossil fuels. However, as technology continues to improve and economies of scale are achieved, the cost of renewable energy is expected to decrease.

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**SubQuestion No : 92**

**Q.92** Select the most appropriate ANTONYM of the given word.

Viable

Ans  1. Irresolvable  
 2. Indignant  
 3. Inaccurate  
 4. Impractical

**Comprehension:**

Read the given passage carefully and answer the questions that follow.

The topic of renewable energy is becoming increasingly important as concerns about climate change and the depletion of non-renewable resources continue to grow. Renewable energy sources, such as solar and wind power, have the potential to provide a clean and sustainable source of power for the world's growing population.

One of the major advantages of renewable energy is that it is not limited by the same supply constraints as fossil fuels. Unlike oil, coal, and natural gas, which are finite resources that will eventually run out, renewable energy sources like solar and wind power will never run out.

Additionally, renewable energy sources do not produce the greenhouse gases that are responsible for climate change, making them a much more environmentally friendly option. Despite the clear benefits of renewable energy, there are still significant challenges that need to be overcome in order for it to become a viable alternative to fossil fuels. One of the main challenges is the cost of renewable energy, which is currently higher than traditional fossil fuels. However, as technology continues to improve and economies of scale are achieved, the cost of renewable energy is expected to decrease.

Another challenge is the need for reliable and efficient energy storage solutions, which are essential for the widespread adoption of renewable energy. Without effective energy storage solutions, renewable energy sources like solar and wind power can only be used when the sun is shining or the wind is blowing, which greatly limits their overall usefulness.

Overall, renewable energy has the potential to play a critical role in addressing the world's energy needs and reducing dependence on fossil fuels. While challenges remain, with continued research and development, renewable energy is likely to become increasingly viable and important in the coming years.

**SubQuestion No : 93**

**Q.93** Identify the tone of the passage.

Ans  1. Informative  
 2. Sarcastic  
 3. Satirical  
 4. Subjective

**Comprehension:**

Read the given passage carefully and answer the questions that follow.

The topic of renewable energy is becoming increasingly important as concerns about climate change and the depletion of non-renewable resources continue to grow. Renewable energy sources, such as solar and wind power, have the potential to provide a clean and sustainable source of power for the world's growing population.

One of the major advantages of renewable energy is that it is not limited by the same supply constraints as fossil fuels. Unlike oil, coal, and natural gas, which are finite resources that will eventually run out, renewable energy sources like solar and wind power will never run out.

Additionally, renewable energy sources do not produce the greenhouse gases that are responsible for climate change, making them a much more environmentally friendly option. Despite the clear benefits of renewable energy, there are still significant challenges that need to be overcome in order for it to become a viable alternative to fossil fuels. One of the main challenges is the cost of renewable energy, which is currently higher than traditional fossil fuels. However, as technology continues to improve and economies of scale are achieved, the cost of renewable energy is expected to decrease.

Another challenge is the need for reliable and efficient energy storage solutions, which are essential for the widespread adoption of renewable energy. Without effective energy storage solutions, renewable energy sources like solar and wind power can only be used when the sun is shining or the wind is blowing, which greatly limits their overall usefulness.

Overall, renewable energy has the potential to play a critical role in addressing the world's energy needs and reducing dependence on fossil fuels. While challenges remain, with continued research and development, renewable energy is likely to become increasingly viable and important in the coming years.

**SubQuestion No : 94**

**Q.94** What is the main challenge facing the adoption of renewable energy?

Ans  1. Abundance of fossil fuels in the world  
 2. Cost of renewable energy is currently higher than traditional fossil fuels  
 3. Insufficient demand for renewable energy  
 4. Lack of skilled labour for the production of renewable energy

**Comprehension:**

Read the given passage carefully and answer the questions that follow.

The topic of renewable energy is becoming increasingly important as concerns about climate change and the depletion of non-renewable resources continue to grow. Renewable energy sources, such as solar and wind power, have the potential to provide a clean and sustainable source of power for the world's growing population.

One of the major advantages of renewable energy is that it is not limited by the same supply constraints as fossil fuels. Unlike oil, coal, and natural gas, which are finite resources that will eventually run out, renewable energy sources like solar and wind power will never run out.

Additionally, renewable energy sources do not produce the greenhouse gases that are responsible for climate change, making them a much more environmentally friendly option. Despite the clear benefits of renewable energy, there are still significant challenges that need to be overcome in order for it to become a viable alternative to fossil fuels. One of the main challenges is the cost of renewable energy, which is currently higher than traditional fossil fuels. However, as technology continues to improve and economies of scale are achieved, the cost of renewable energy is expected to decrease.

Another challenge is the need for reliable and efficient energy storage solutions, which are essential for the widespread adoption of renewable energy. Without effective energy storage solutions, renewable energy sources like solar and wind power can only be used when the sun is shining or the wind is blowing, which greatly limits their overall usefulness.

Overall, renewable energy has the potential to play a critical role in addressing the world's energy needs and reducing dependence on fossil fuels. While challenges remain, with continued research and development, renewable energy is likely to become increasingly viable and important in the coming years.

**SubQuestion No : 95**

**Q.95** What is the main advantage of renewable energy over fossil fuels?

Ans  1. The renewable energy sources will eventually run out.  
 2. It is cheaper than traditional fossil fuels.  
 3. It is not limited by the same supply constraints as fossil fuels.  
 4. It produces the greenhouse gases that are responsible for climate change.

**Comprehension:**

Read the given passage carefully and answer the questions that follow.

The process of photosynthesis is one of the most important biological processes on Earth. It is the way that plants, algae, and some types of bacteria convert energy from the sun into chemical energy in the form of organic compounds. These organic compounds, such as sugars, are then used by the organism as a source of energy and as building blocks for growth and reproduction.

The basic process of photosynthesis can be broken down into two main stages: the light-dependent reactions and the light-independent reactions (also known as the Calvin cycle). In the light-dependent reactions, energy from sunlight is absorbed by pigments in the chloroplasts of plant cells, and is used to convert water into oxygen and high-energy electrons. These electrons are then used to power the synthesis of ATP and NADPH, which are energy-rich molecules that are used in the light-independent reactions.

In the light-independent reactions, the energy from ATP and NADPH is used to fix carbon dioxide into organic compounds, such as glucose. This process is known as carbon fixation and is mediated by a series of enzymes called the Calvin cycle. These reactions take place in the stroma of the chloroplasts, and the end result is the production of glucose and other sugars.

Photosynthesis is not only important for the survival of plants, but also for all other organisms that depend on plants as a source of food. In addition, the oxygen produced during photosynthesis is crucial for the survival of animals and other organisms that require oxygen for respiration. Without the process of photosynthesis, the Earth's atmosphere would not contain the high levels of oxygen that are necessary for most forms of life to survive.

Overall, photosynthesis is a vital process that plays a critical role in the Earth's ecosystem, providing the energy and organic compounds needed for the growth and survival of all forms of life.

**SubQuestion No : 96**

**Q.96 Identify the structure of the passage.**

Ans  1. Introduction, Main Body, Conclusion  
 2. Cause and Effect  
 3. Compare and Contrast  
 4. Problem and Solution

**Comprehension:**

Read the given passage carefully and answer the questions that follow.

The process of photosynthesis is one of the most important biological processes on Earth. It is the way that plants, algae, and some types of bacteria convert energy from the sun into chemical energy in the form of organic compounds. These organic compounds, such as sugars, are then used by the organism as a source of energy and as building blocks for growth and reproduction.

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Overall, photosynthesis is a vital process that plays a critical role in the Earth's ecosystem, providing the energy and organic compounds needed for the growth and survival of all forms of life.

**SubQuestion No : 97**

**Q.97 Which of the following is NOT a correct statement about the light-dependent reactions of photosynthesis?**

Ans  1. They power the synthesis of ATP and NADPH.  
 2. They convert water into oxygen and high-energy electrons.  
 3. They use energy from sunlight to produce glucose.  
 4. The energy from sunlight is absorbed by pigments in the chloroplasts of plant cell.

**Comprehension:**

Read the given passage carefully and answer the questions that follow.

The process of photosynthesis is one of the most important biological processes on Earth. It is the way that plants, algae, and some types of bacteria convert energy from the sun into chemical energy in the form of organic compounds. These organic compounds, such as sugars, are then used by the organism as a source of energy and as building blocks for growth and reproduction.

The basic process of photosynthesis can be broken down into two main stages: the light-dependent reactions and the light-independent reactions (also known as the Calvin cycle). In the light-dependent reactions, energy from sunlight is absorbed by pigments in the chloroplasts of plant cells, and is used to convert water into oxygen and high-energy electrons. These electrons are then used to power the synthesis of ATP and NADPH, which are energy-rich molecules that are used in the light-independent reactions.

In the light-independent reactions, the energy from ATP and NADPH is used to fix carbon dioxide into organic compounds, such as glucose. This process is known as carbon fixation and is mediated by a series of enzymes called the Calvin cycle. These reactions take place in the stroma of the chloroplasts, and the end result is the production of glucose and other sugars.

Photosynthesis is not only important for the survival of plants, but also for all other organisms that depend on plants as a source of food. In addition, the oxygen produced during photosynthesis is crucial for the survival of animals and other organisms that require oxygen for respiration. Without the process of photosynthesis, the Earth's atmosphere would not contain the high levels of oxygen that are necessary for most forms of life to survive.

Overall, photosynthesis is a vital process that plays a critical role in the Earth's ecosystem, providing the energy and organic compounds needed for the growth and survival of all forms of life.

**SubQuestion No : 98**

**Q.98 Identify the tone of the passage.**

Ans  1. Informal and personal  
 2. Informative and neutral  
 3. Inquisitive and subjective  
 4. Assertive and passive

**Comprehension:**

Read the given passage carefully and answer the questions that follow.

The process of photosynthesis is one of the most important biological processes on Earth. It is the way that plants, algae, and some types of bacteria convert energy from the sun into chemical energy in the form of organic compounds. These organic compounds, such as sugars, are then used by the organism as a source of energy and as building blocks for growth and reproduction.

The basic process of photosynthesis can be broken down into two main stages: the light-dependent reactions and the light-independent reactions (also known as the Calvin cycle). In the light-dependent reactions, energy from sunlight is absorbed by pigments in the chloroplasts of plant cells, and is used to convert water into oxygen and high-energy electrons. These electrons are then used to power the synthesis of ATP and NADPH, which are energy-rich molecules that are used in the light-independent reactions.

In the light-independent reactions, the energy from ATP and NADPH is used to fix carbon dioxide into organic compounds, such as glucose. This process is known as carbon fixation and is mediated by a series of enzymes called the Calvin cycle. These reactions take place in the stroma of the chloroplasts, and the end result is the production of glucose and other sugars.

Photosynthesis is not only important for the survival of plants, but also for all other organisms that depend on plants as a source of food. In addition, the oxygen produced during photosynthesis is crucial for the survival of animals and other organisms that require oxygen for respiration. Without the process of photosynthesis, the Earth's atmosphere would not contain the high levels of oxygen that are necessary for most forms of life to survive.

Overall, photosynthesis is a vital process that plays a critical role in the Earth's ecosystem, providing the energy and organic compounds needed for the growth and survival of all forms of life.

**SubQuestion No : 99**

**Q.99 Which of the following is NOT a correct statement about the light-independent reactions of photosynthesis?**

Ans  1. They are also known as the Calvin cycle.  
 2. They use energy from ATP and NADPH to produce glucose.  
 3. They use energy from ATP and NADPH to produce oxygen.  
 4. They take place in the stroma of the chloroplasts.

**Comprehension:**

Read the given passage carefully and answer the questions that follow.

The process of photosynthesis is one of the most important biological processes on Earth. It is the way that plants, algae, and some types of bacteria convert energy from the sun into chemical energy in the form of organic compounds. These organic compounds, such as sugars, are then used by the organism as a source of energy and as building blocks for growth and reproduction.

The basic process of photosynthesis can be broken down into two main stages: the light-dependent reactions and the light-independent reactions (also known as the Calvin cycle). In the light-dependent reactions, energy from sunlight is absorbed by pigments in the chloroplasts of plant cells, and is used to convert water into oxygen and high-energy electrons. These electrons are then used to power the synthesis of ATP and NADPH, which are energy-rich molecules that are used in the light-independent reactions.

In the light-independent reactions, the energy from ATP and NADPH is used to fix carbon dioxide into organic compounds, such as glucose. This process is known as carbon fixation and is mediated by a series of enzymes called the Calvin cycle. These reactions take place in the stroma of the chloroplasts, and the end result is the production of glucose and other sugars.

Photosynthesis is not only important for the survival of plants, but also for all other organisms that depend on plants as a source of food. In addition, the oxygen produced during photosynthesis is crucial for the survival of animals and other organisms that require oxygen for respiration. Without the process of photosynthesis, the Earth's atmosphere would not contain the high levels of oxygen that are necessary for most forms of life to survive.

Overall, photosynthesis is a vital process that plays a critical role in the Earth's ecosystem, providing the energy and organic compounds needed for the growth and survival of all forms of life.

**SubQuestion No : 100**

**Q.100** Select the most appropriate title for the passage.

**Ans**  1. The Calvin Cycle and Carbon Fixation

2. Photosynthesis in Algae and Bacteria

3. The Importance of Photosynthesis in the Earth's Ecosystem

4. The Role of Pigments in Photosynthesis