

# **SSC Selection Post**

**Previous Year Paper  
(Higher Secondary Level)  
28 June, 2023 Shift 2**

Phase-XI/2023/Selection Posts and Selection Posts/Ladakh/2023

|                |                                       |
|----------------|---------------------------------------|
| Roll Number    |                                       |
| Candidate Name |                                       |
| Venue Name     |                                       |
| Exam Date      | 28/06/2023                            |
| Exam Time      | 11:45 AM - 12:45 PM                   |
| Subject        | Selection Post Higher Secondary Level |

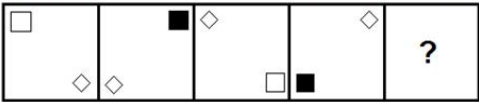
Section : General Intelligence

**Q.1** 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)  
Up roar : Peace :: Gloom : ?

- Ans    ☒ 1. Delight  
         ☒ 2. Obscurity  
         ☒ 3. Shade  
         ☒ 4. Murk

Question ID : 264330142462  
Status : Answered  
Chosen Option : 1

**Q.2** Select the figure from among the given options that can replace the question mark (?) in the following series.



- Ans
- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 26433055941  
Status : Answered  
Chosen Option : 4

Q.3 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 dinosaurs are extinct.  
No tigers are extinct.  
Some tigers are omnivores.

Conclusions:

- I. Some omnivores are dinosaurs.
- II. No tigers are dinosaurs.
- III. Some tigers are dinosaurs.

Ans ☒ 1. Only conclusions II and III follow  
☒ 2. Only conclusion II follows  
☒ 3. Only conclusions I and III follow  
☒ 4. Only conclusions I and II follow

Question ID : 264330142510  
Status : Answered  
Chosen Option : 2

Q.4 Select the correct combination of mathematical signs to sequentially replace the \* signs and balance the given equation.

$11 * 4 * 12 * 14 * 7 * 530$

Ans ☒ 1.  $\times, \times, +, +, =$   
☒ 2.  $\times, -, +, +, =$   
☒ 3.  $-, \times, +, +, =$   
☒ 4.  $+, \times, +, +, =$

Question ID : 26433097195  
Status : Answered  
Chosen Option : 1

Q.5 If,  
'B % D' means 'B is the sister of D',  
'B & D' means 'B is the father of D',  
'B x D' means 'B is the husband of D',  
'B # D' means 'B is the brother of D',  
'B \$ D' means 'B is the wife of D',  
'B @ D' means 'B is the mother-in-law of D',  
then how is A related to K in the following expression?  
 $A \times B @ C \$ D \# E \& K$

Ans ☒ 1. Paternal uncle  
☒ 2. Sibling  
☒ 3. Grandfather  
☒ 4. Brother

Question ID : 264330142505  
Status : Answered  
Chosen Option : 3

Q.6 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Goodness
2. Gooseberry
3. Goodbye
4. Goodwill
5. Goodies

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

Question ID : 26433057884  
Status : Answered  
Chosen Option : 3

Q.7 'A + B' means 'A is the brother of B'  
'A - B' means 'A is the mother of B'  
'A × B' means 'A is the husband of B'  
'A ÷ B' means 'A is the sister of B'  
'A @ B' means 'A is the son of B'  
If P - Q + R @ S + T, then how is P related to T?

Ans ☒ 1. Husband's brother  
☒ 2. Husband  
☒ 3. Son  
☒ 4. Brother's wife

Question ID : 264330122204  
Status : Answered  
Chosen Option : 4

Q.8 Select the correct option that indicates the correct arrangement of the following human body parts from top to bottom.

1. Waist
2. Neck
3. Legs
4. Chest
5. Eyes

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

Question ID : 264330129473  
Status : Answered  
Chosen Option : 4

Q.9 Select the combination of letters that when sequentially placed from left to right in the blanks of the given series will complete the letter series.

A \_ E \_ I A C \_ G \_ \_ \_ E G I A C E \_ \_

Ans ☒ 1. C E G I A C I G  
☒ 2. C G I E A C I G  
☒ 3. C G E I A I G C  
☒ 4. C G E I A C G I

Question ID : 264330142490  
Status : Answered  
Chosen Option : 4

Q.10 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.  
22 : 52 :: 17 : ? :: 42 : 92

- Ans ☒ 1. 48  
☒ 2. 44  
☒ 3. 42  
☒ 4. 34

Question ID : 264330142400  
Status : Answered  
Chosen Option : 3

Q.11 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.  
J\_K\_ON\_LKM\_N\_L\_MO\_

- Ans ☒ 1. LMOJJNK  
☒ 2. LMOKNKJ  
☒ 3. LMJOJKN  
☒ 4. LMJLMJO

Question ID : 26433069626  
Status : Answered  
Chosen Option : 3

Q.12 In a certain code language, 'DISHRAG' is coded as '132' and 'ENVELOPE' is coded as '188'. How will 'IMMINENT' be coded in that language?

- Ans ☒ 1. 139  
☒ 2. 167  
☒ 3. 107  
☒ 4. 194

Question ID : 264330118645  
Status : Answered  
Chosen Option : 4

Q.13 In a certain code language, 'VIOLENT' is coded as '104' and 'UPDATED' is coded as '78'. How will 'TOUCHED' be coded in that language?

- Ans ☒ 1. 65  
☒ 2. 93  
☒ 3. 83  
☒ 4. 26

Question ID : 264330118650  
Status : Answered  
Chosen Option : 3

Q.14 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)  
Son : Daughter :: Fox : ?

- Ans ☒ 1. Witch  
☒ 2. Doe  
☒ 3. Vixen  
☒ 4. Filly

Question ID : 264330142482  
Status : Answered  
Chosen Option : 3

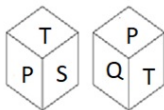
Q.15 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.



- Ans ☒ 1. h 2 7 8 s T C E  
☒ 2. h 2 7 8 s T C E  
☒ 3. h 2 7 8 s T C E  
☒ 4. h 2 7 8 s T C E

Question ID : 264330142430  
Status : Answered  
Chosen Option : 2

Q.16 Two different positions of the same dice are shown, the six faces of which are marked as P, Q, R, S, T, U. Select the letter that will be on the face opposite to the one showing 'Q'.



- Ans ☒ 1. T  
☒ 2. S  
☒ 3. R  
☒ 4. U

Question ID : 264330142441  
Status : Answered  
Chosen Option : 2

Q.17 In a certain code language, 'PAWS' is written as '59' and 'CLAW' is written as '39'.How will 'TOES' be written in that language?

- Ans ☒ 1. 69  
☒ 2. 59  
☒ 3. 39  
☒ 4. 29

Question ID : 26433068639  
Status : Answered  
Chosen Option : 2

Q.18 'M+O' means 'M is the father of O'  
'M-O' means 'M is the mother of O'  
'M×O' means 'M is the brother of O'  
'M÷O' means 'M is the sister of O'

What does 'W+T+S' mean?

- Ans ☐ 1. W is the father of S  
☐ 2. W is the sister of S  
☒ 3. W is the father's father of S  
☐ 4. W is the brother of S

Question ID : 264330142501  
Status : Answered  
Chosen Option : 3

Q.19 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.  
BA, DC, \_ E, H \_ , JI, \_ K

- Ans ☒ 1. FGL  
☐ 2. LGF  
☐ 3. GGL  
☐ 4. GFL

Question ID : 26433078820  
Status : Answered  
Chosen Option : 1

Q.20 Select the correct combination of mathematical signs to sequentially replace the \* signs and balance the given equation.

$2 * 16 * 11 * 12 * 4 * 355$

- Ans ☐ 1. ×, +, +, ÷, =  
☒ 2. ×, ×, +, ÷, =  
☐ 3. -, ×, +, ÷, =  
☐ 4. ×, -, +, ÷, =

Question ID : 26433097197  
Status : Answered  
Chosen Option : 2

Q.21 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 pages are words.  
All pages are books.  
All words are registers.  
Conclusions:  
I. Some books are registers.  
II. Some books are words.  
III. All pages are registers.

- Ans ☒ 1. Only conclusions I and II follow.  
☐ 2. All conclusions follow.  
☐ 3. Only conclusions II and III follow.  
☐ 4. Only conclusions I and III follow.

Question ID : 26433095998  
Status : Answered  
Chosen Option : 1

Q.22 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.  
GROUNDED : UORGDEDN :: SPECIALS : CEPSSLAI :: BOOKENDS : ?

- Ans ☒ 1. KOBOSDNE  
☒ 2. KOOBSDNE  
☒ 3. KOBODSNE  
☒ 4. KOOBDSDNE

Question ID : 26433056184  
Status : Answered  
Chosen Option : 2

Q.23 In a certain code language, 'HAPPY' is written as 'SZKKB' and 'SOUND' is written as 'HLFMW'. How will 'SNORE' be written in that language?

- Ans ☒ 1. MHLIV  
☒ 2. HMLEV  
☒ 3. HMLIV  
☒ 4. HMLUV

Question ID : 26433068635  
Status : Answered  
Chosen Option : 3

Q.24 In a certain code language, 'SUPER' is coded as '61' and 'COLOR' is coded as '77'. How will 'CENTER' be coded in that language?

- Ans ☒ 1. 88  
☒ 2. 98  
☒ 3. 65  
☒ 4. 103

Question ID : 264330142483  
Status : Answered  
Chosen Option : 4

Q.25 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.  
LOGO : PHPM :: MOCK : LDPN :: DEAR : ?

- Ans ☒ 1. EFBS  
☒ 2. SBFE  
☒ 3. SCFE  
☒ 4. SBEF

Question ID : 26433067392  
Status : Answered  
Chosen Option : 2



**Q.1 Which of the following food items can be used as natural food preservatives?**

- Ans** ☒ 1. Vinegar, ginger, apple and banana
- ☒ 2. Garlic, lemon, sugar and vinegar
- ☒ 3. Garlic, apple, salt and tamarind
- ☒ 4. Ginger, garlic, banana and tamarind

Question ID : 26433054933  
Status : Not Answered  
Chosen Option : --

**Q.2 Who among the following won the 2022 JCB Prize for Literature for his book ‘The Paradise of Food’?**

- Ans** ☒ 1. AS Panneerselvan
- ☒ 2. Amitabha Bagchi
- ☒ 3. Khalid Jawed
- ☒ 4. Ramchandra Guha

Question ID : 264330132596  
Status : Not Answered  
Chosen Option : --

**Q.3 Nagarjuni Caves were donated to which of the following sects by Mauryans?**

- Ans** ☒ 1. Ajivika
- ☒ 2. Buddhism
- ☒ 3. Lokayat
- ☒ 4. Jainism

Question ID : 264330110200  
Status : Not Answered  
Chosen Option : --

**Q.4 Which of the following is NOT a Constitutional Body in India?**

- Ans** ☒ 1. Election Commission of India
- ☒ 2. State Human Rights Commission
- ☒ 3. State Public Service Commission
- ☒ 4. Union Public Service Commission of India

Question ID : 264330120509  
Status : Answered  
Chosen Option : 2

**Q.5 Which Kabaddi player received the defender of the season award of the Pro Kabaddi League Season 8?**

- Ans** ☒ 1. Mohit Goyat
- ☒ 2. Mohammadreza Chiyaneh shadloui
- ☒ 3. Naveen Kumar
- ☒ 4. Pradeep Narwal

Question ID : 26433061861  
Status : Answered  
Chosen Option : 2

Q.6 Name the hot, dry oppressing winds that blow in between Delhi and Patna.

- Ans ☒ 1. Loo
- ☐ 2. Mango shower
- ☐ 3. Nor westers
- ☐ 4. Blossom shower

Question ID : 264330141931  
Status : Answered  
Chosen Option : 1

Q.7 Which festival celebrated by Muslims is also known as Barawafat?

- Ans ☐ 1. Muharram
- ☒ 2. Milad-un-Nabi
- ☐ 3. Id-ul-Zuha
- ☐ 4. Shab-e-Barat

Question ID : 26433054262  
Status : Not Answered  
Chosen Option : --

Q.8 The noted danseuse Yamini Krishnamurthy opened Yamini School of Dance in \_\_\_\_\_, in the year 1990.

- Ans ☐ 1. Mumbai
- ☒ 2. Delhi
- ☐ 3. Chennai
- ☐ 4. Hyderabad

Question ID : 264330110265  
Status : Not Answered  
Chosen Option : --

Q.9 The name of Bhajan Sopori is associated with which musical instrument?

- Ans ☐ 1. Sitar
- ☐ 2. Surbahar
- ☒ 3. Santoor
- ☐ 4. Sarod

Question ID : 264330141607  
Status : Not Answered  
Chosen Option : --

Q.10 Which stone could convert all baser metals like iron into gold?

- Ans ☒ 1. Philosopher's stone
- ☐ 2. Emerald
- ☐ 3. Jade
- ☐ 4. Copper stone

Question ID : 26433064766  
Status : Not Answered  
Chosen Option : --

**Q.11 Which of the following rulers is credited with the construction of Purana Quila in Delhi?**

- Ans**   ☒ 1. Babar and Akbar  
         ☒ 2. Qutub ud din and Illutmish  
         ☒ 3. ShahJahan and Jahangir  
         ☒ 4. Humayun and Sher Shah

Question ID : **264330130883**  
Status : **Answered**  
Chosen Option : **4**

**Q.12 The capacity of Vishakhapatnam, one of the oil refinery of Hindustan Petroleum Corporation Ltd, is:**

- Ans**   ☒ 1. 6.5 million metric tonnes per annum  
         ☒ 2. 9.69 million metric tonnes per annum  
         ☒ 3. 8.3 million metric tonnes per annum  
         ☒ 4. 5.5 million metric tonnes per annum

Question ID : **26433089208**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.13 Who became India's second highest wicket taker in Tests after Anil Kumble by taking his 435<sup>th</sup> test wicket in March 2022?**

- Ans**   ☒ 1. Yuzvendra Chahal  
         ☒ 2. Ravichandran Ashwin  
         ☒ 3. Ishant Sharma  
         ☒ 4. Mohammed Shami

Question ID : **264330122349**  
Status : **Answered**  
Chosen Option : **2**

**Q.14 The Constitution (One Hundred and Twenty Seventh Amendment) Bill, 2021, was introduced in the Lok Sabha by the \_\_\_\_\_ in August 2021.**

- Ans**   ☒ 1. Minister of Social Justice and Empowerment  
         ☒ 2. Minister of Minority Affairs  
         ☒ 3. Minister of Tribal Affairs  
         ☒ 4. Minister of Rural Development

Question ID : **26433090631**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.15 Which of the following correctly define the way the unemployment rate is calculated in India?**

- Ans**   ☒ 1. The percentage of persons unemployed among the persons in the labour force  
         ☒ 2. The percentage of persons unemployed among the total population  
         ☒ 3. The percentage of persons in labour force  
         ☒ 4. The percentage of employed persons in the population

Question ID : **264330109518**  
Status : **Answered**  
Chosen Option : **2**

Q.16 The Election Commission of India was established in \_\_\_\_\_.

- Ans ☒ 1. 1953  
☒ 2. 1952  
☒ 3. 1950  
☒ 4. 1951

Question ID : 264330110807  
Status : Answered  
Chosen Option : 2

Q.17 The famous tripartite struggle was fought for control over \_\_\_\_\_ in early medieval period.

- Ans ☒ 1. Mudgagiri  
☒ 2. Kannauj  
☒ 3. Pataliputra  
☒ 4. Manyakheta

Question ID : 26433085232  
Status : Answered  
Chosen Option : 2

Q.18 Vasanta Ritu falls in which months, according to the Gregorian Calendar?

- Ans ☒ 1. January-February  
☒ 2. July-August  
☒ 3. March-April  
☒ 4. May-June

Question ID : 264330110646  
Status : Not Answered  
Chosen Option : --

Q.19 How many Directive Principles were added or amended in the Indian Constitution by the 42nd Amendment Act of 1976?

- Ans ☒ 1. Five  
☒ 2. Three  
☒ 3. Two  
☒ 4. Four

Question ID : 264330113403  
Status : Not Answered  
Chosen Option : --

Q.20 When was the Duckworth-Lewis formula used for the first time in international cricket?

- Ans ☒ 1. 1 January 1998  
☒ 2. 1 January 1999  
☒ 3. 1 January 1996  
☒ 4. 1 January 1997

Question ID : 26433059368  
Status : Not Answered  
Chosen Option : --

Q.21 Who among the following founded the Depressed Classes Association, in 1930?

- Ans ☒ 1. Swami Sahajanand Saraswati
- ☒ 2. Mahatma Gandhi
- ☒ 3. Dr. BR Ambedkar
- ☒ 4. Jayaprakash Narayan

Question ID : 264330106581  
Status : Answered  
Chosen Option : 3

Q.22 Choose from the following the novel written by Salman Rushdie.

- Ans ☒ 1. In a Free State
- ☒ 2. A Bend in the River
- ☒ 3. An Area of Darkness
- ☒ 4. The Satanic Verses

Question ID : 26433054256  
Status : Not Answered  
Chosen Option : --

Q.23 In which Five-year plan was the following statement quoted?

“The urge to bring economic and social change under present conditions comes from the fact of poverty and inequalities in income, wealth and opportunity”.

- Ans ☒ 1. Second Five-year plan
- ☒ 2. Fourth Five-year plan
- ☒ 3. First Five-year plan
- ☒ 4. Third Five-year plan

Question ID : 264330109877  
Status : Not Answered  
Chosen Option : --

Q.24 Which of the following traditional dances is mainly performed during Navaratri?

- Ans ☒ 1. Ras leela
- ☒ 2. Nati
- ☒ 3. Dumhal
- ☒ 4. Garba

Question ID : 264330141615  
Status : Answered  
Chosen Option : 4

Q.25 What will be the focal length of a convex lens with the power of a +2.5 Diopter?

- Ans ☒ 1. 20 cm
- ☒ 2. 10 cm
- ☒ 3. 40 cm
- ☒ 4. 5 cm

Question ID : 264330109883  
Status : Not Answered  
Chosen Option : --

**Q.1** The speed of a boat when travelling downstream is 48 km/h, whereas when travelling upstream it is 32 km/h. What is the speed of the boat in still water?

- Ans
- ☒ 1. 80 km/h
  - ☒ 2. 30 km/h
  - ☒ 3. 40 km/h
  - ☒ 4. 20 km/h

Question ID : 264330141222  
Status : Answered  
Chosen Option : 3

**Q.2**  $\triangle ABC \approx \triangle LMN$  and their perimeters are 72 cm and 48 cm, respectively. If LM = 8 cm, then what is the length of AB (in cm)?

- Ans
- ☒ 1. 14
  - ☒ 2. 12
  - ☒ 3. 10
  - ☒ 4. 8

Question ID : 264330126613  
Status : Answered  
Chosen Option : 2

**Q.3** Maya completes  $\frac{7}{10}$  of a work in 15 days and then she completes the remaining work with the help of Suresh in 4 days. In how many days can Maya and Suresh complete the whole work?

- Ans
- ☒ 1.  $\frac{40}{3}$
  - ☒ 2.  $\frac{38}{3}$
  - ☒ 3.  $\frac{35}{3}$
  - ☒ 4.  $\frac{32}{3}$

Question ID : 26433096378  
Status : Answered  
Chosen Option : 1

**Q.4** What is the volume (in  $\text{cm}^3$ ) of a hemisphere having a diameter of 21 cm?  
(Take  $\pi = \frac{22}{7}$ )

- Ans
- ☒ 1. 2625.5
  - ☒ 2. 2255.5
  - ☒ 3. 1925.5
  - ☒ 4. 2425.5

Question ID : 264330103346  
Status : Answered  
Chosen Option : 4

Q.5 10 men can complete a work in 12 days, and 10 women can complete the same work in 6 days. How many days will it take to complete the work if they work together?

- Ans ☒ 1. 4 days
- ☐ 2. 9 days
- ☐ 3. 12 days
- ☐ 4. 6 days

Question ID : 26433091941  
Status : Answered  
Chosen Option : 1

Q.6 There was a mock test conducted in a class. The following are the scores of the students who gave all the tests. What is the average score of the subject that has the highest average score for all the students?

| Name  | English | Hindi | Science | Fine Arts | History |
|-------|---------|-------|---------|-----------|---------|
| Arjun | 115     | 119   | 132     | 140       | 138     |
| Kapil | 118     | 128   | 134     | 135       | 133     |
| Seema | 130     | 112   | 111     | 118       | 108     |

- Ans ☒ 1. 131
- ☐ 2. 129.33
- ☐ 3. 133.33
- ☐ 4. 126

Question ID : 264330131409  
Status : Answered  
Chosen Option : 1

Q.7 For what value of q does the system of equations  $38x + qy + 171 = 0$  and  $46x + 414y + 207 = 0$  have infinite number of solutions?

- Ans ☐ 1. 380
- ☐ 2. 345
- ☒ 3. 342
- ☐ 4. 350

Question ID : 264330126547  
Status : Answered  
Chosen Option : 3

Q.8 Raman buys 18 kg of rice at ₹35 per kg and 30 kg of rice at ₹39 per kg. Find the average price (in ₹) per kg of the total rice.

- Ans ☐ 1. 39
- ☒ 2. 37.5
- ☐ 3. 38.5
- ☐ 4. 38

Question ID : 264330102321  
Status : Answered  
Chosen Option : 2

- Q.9** The following table gives the sales of cars manufactured by a company over the years. Answer the following question based on the data in the table.  
Number of different types of cars sold (in thousands)

| Year | Types |    |    |    |
|------|-------|----|----|----|
|      | A     | B  | C  | D  |
| 2018 | 70    | 80 | 90 | 85 |
| 2019 | 50    | 55 | 70 | 75 |
| 2020 | 21    | 43 | 78 | 80 |
| 2021 | 22    | 40 | 76 | 85 |

The average sales of all four years is the minimum for which type of car?

- Ans** ☒ 1. D  
☒ 2. C  
☒ 3. A  
☒ 4. B

Question ID : 264330130411  
Status : Answered  
Chosen Option : 3

- Q.10** Find the fourth proportion of the following numbers.

$\frac{1}{3}$  of 6,  $\frac{4}{5}$  of 15,  $\frac{3}{7}$  of 21.

- Ans** ☒ 1. 50  
☒ 2. 54  
☒ 3. 56  
☒ 4. 52

Question ID : 26433093249  
Status : Answered  
Chosen Option : 2

- Q.11** A trader offers to sell a commodity under any of the two schemes mentioned below:  
Scheme 1: The trader offers two successive discounts of 20% and 12.5% on the sale of each unit.  
Scheme 2: The trader offers the buyer an option to 'pay for y units, get z units free'.  
The buyer realizes that if he needs to buy (y + z) units, it does not matter to him which of the two schemes he opts for.  
Which of the following options gives a correct ordered pair of (y, z)?

- Ans** ☒ 1. (3, 7)  
☒ 2. (7, 10)  
☒ 3. (10, 7)  
☒ 4. (7, 3)

Question ID : 264330103266  
Status : Answered  
Chosen Option : 1

- Q.12** If  $\tan 15\theta = \cot 15\theta$  ( $0^\circ < \theta < 10^\circ$ ), then the value of  $\theta$  is:

- Ans** ☒ 1.  $3^\circ$   
☒ 2.  $1^\circ$   
☒ 3.  $9^\circ$   
☒ 4.  $6^\circ$

Question ID : 264330141583  
Status : Answered  
Chosen Option : 1



Q.13 If  $x = 14$ ,  $y = 15$  and  $z = 17$ , then the value of  $x^3 + y^3 + z^3 - 3xyz$  is:

- Ans ☒ 1. 333  
☒ 2. 322  
☒ 3. 312  
☒ 4. 222

Question ID : 264330141412  
Status : Answered  
Chosen Option : 2

Q.14 A policeman follows a thief, who is 1 km ahead of him. The thief and the policeman run at speeds of 8 km/h and 10.5 km/h, respectively. What distance (in km) is run by the thief before he is nabbed by the policeman?

- Ans ☒ 1. 4.4  
☒ 2. 3.2  
☒ 3. 3.6  
☒ 4. 2.5

Question ID : 26433063238  
Status : Answered  
Chosen Option : 2

Q.15 Find the least value of '@' to make the number 7@5471 perfectly divisible by 9.

- Ans ☒ 1. 6  
☒ 2. 1  
☒ 3. 3  
☒ 4. 4

Question ID : 264330129982  
Status : Answered  
Chosen Option : 3

Q.16 What is the simple interest on ₹8,000 at the yearly rate of interest of 5% for  $3\frac{1}{2}$  years?

- Ans ☒ 1. Rs.1,250  
☒ 2. Rs.1,400  
☒ 3. Rs.1,200  
☒ 4. Rs.1,350

Question ID : 26433073088  
Status : Answered  
Chosen Option : 2

Q.17 Two-thirds of a certain distance was covered at the speed of 15 km/h, one-fifth at the speed of 25 km/h and the rest at the speed of 50 km/h. Find the average speed (in km/h) for the whole journey (rounded off to two decimal places).

- Ans ☒ 1. 22.65  
☒ 2. 25.25  
☒ 3. 18.15  
☒ 4. 20.25

Question ID : 264330126505  
Status : Answered  
Chosen Option : 3

Q.18 What is the least value of \* so that the number 457643\*4 is divisible by 18?

- Ans ☒ 1. 9  
☒ 2. 3  
☒ 3. 4  
☒ 4. 5

Question ID : 26433092167  
Status : Answered  
Chosen Option : 2

Q.19 The marked price of a commodity was given as ₹y per kg. After two successive discounts of 8% and 12.5%, respectively, the retailer purchased it for ₹3,059 per kg. What was the value of y?

- Ans ☒ 1. 3840  
☒ 2. 3800  
☒ 3. 3900  
☒ 4. 3750

Question ID : 264330103265  
Status : Answered  
Chosen Option : 2

Q.20 A shopkeeper keeps the marked price of his goods 50% more than the cost price. If he gives successive discounts of 5%, 10% and 20% on marked price, then what is his profit percentage?

- Ans ☒ 1.  $2\frac{3}{5}\%$   
☒ 2.  $1\frac{3}{5}\%$   
☒ 3.  $1\frac{2}{5}\%$   
☒ 4.  $2\frac{1}{5}\%$

Question ID : 264330126184  
Status : Answered  
Chosen Option : 1

Q.21 A dealer sells rice at a profit of 15% and uses a weight that is 15% less than the actual weight. Find his percentage gain.

- Ans ☒ 1. 26%  
☒ 2. 53.3%  
☒ 3. 35.3%  
☒ 4. 37.5%

Question ID : 26433092143  
Status : Answered  
Chosen Option : 3

Q.22 In a triangle PQR, if  $QR = 3$  cm,  $PR = 5$  cm and  $\sin P = \frac{3}{5}$ , then  $\angle Q$  equals:

Ans

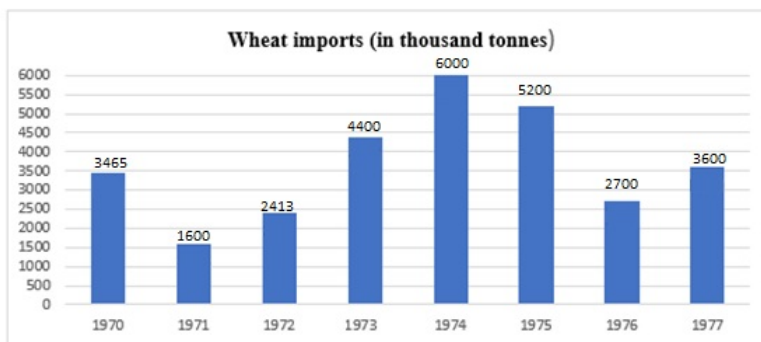
- ☐ 1.  $\frac{\pi}{3}$
- ☒ 2.  $\frac{\pi}{2}$
- ☐ 3.  $\frac{\pi}{4}$
- ☐ 4.  $\frac{\pi}{6}$

Question ID : 26433058419

Status : Answered

Chosen Option : 2

Q.23 Study the graph carefully.



In which year did the imports register highest increase over its preceding years?

Ans

- ☒ 1. 1973
- ☐ 2. 1972
- ☐ 3. 1974
- ☐ 4. 1975

Question ID : 26433096367

Status : Answered

Chosen Option : 1

Q.24 On reducing the entry fee by 25% in a museum, the number of people coming to the museum increased by 50%. Find the percentage increase or decrease in the collection of the entry fee.

Ans

- ☐ 1. 10% decrease
- ☐ 2. 12.5% decrease
- ☐ 3. 10% increase
- ☒ 4. 12.5% increase

Question ID : 26433081552

Status : Answered

Chosen Option : 4

Q.25 If  $x : y = 2 : 1$ , find the value of  $(2x + 3y) : (4x + 7y)$ .

- Ans ☒ 1. 3 : 5  
☒ 2. 7 : 5  
☒ 3. 7 : 15  
☒ 4. 3 : 15

Question ID : 264330141380  
Status : Answered  
Chosen Option : 3

Section : English Language

Q.1 Select the most appropriate ANTONYM of the underlined word.

Her collection consists of rare stamps.

- Ans ☒ 1. Disposed  
☒ 2. Essential  
☒ 3. Unique  
☒ 4. Common

Question ID : 26433073444  
Status : Answered  
Chosen Option : 4

Q.2 Select the option that can be used as a one-word substitute for the given group of words.

A building containing interesting, rare, and old objects

- Ans ☒ 1. Auditorium  
☒ 2. Museum  
☒ 3. Stockroom  
☒ 4. Mansion

Question ID : 26433073905  
Status : Answered  
Chosen Option : 2

Q.3 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 was taking a stroll along the beach, when I came across a heap of plastic waste.  
B.Realising the importance of removing the waste, I joined them  
C.Some children came to clean the beach, seeing the dumped waste.  
D.The adjacent industry had dumped the waste, which was floating, into the water, therefore polluting the sea water.

- Ans ☒ 1. DCAB  
☒ 2. BADC  
☒ 3. ADBC  
☒ 4. ADCB

Question ID : 26433072377  
Status : Answered  
Chosen Option : 4

**Q.4** Select the most appropriate ANTONYM of the given word.  
Humble

- Ans    ☒ 1. Pompous  
         ☐ 2. Brilliant  
         ☐ 3. Meek  
         ☐ 4. Compliant

Question ID : 264330135892  
Status : Answered  
Chosen Option : 1

**Q.5** Select the INCORRECTLY spelt word.

- Ans    ☐ 1. Unconscious  
         ☐ 2. Unnatural  
         ☒ 3. Vaccant  
         ☐ 4. Vengeance

Question ID : 26433088408  
Status : Answered  
Chosen Option : 3

**Q.6** Select the most appropriate meaning of the given idiom.

**Pull yourself together**

- Ans    ☐ 1. Fight violently  
         ☐ 2. Work overtime  
         ☐ 3. Help the needy  
         ☒ 4. Calm down

Question ID : 26433089347  
Status : Answered  
Chosen Option : 4

**Q.7** Select the INCORRECTLY spelt word.

- Ans    ☐ 1. Inflammatory  
         ☐ 2. Whether  
         ☐ 3. Zodiac  
         ☒ 4. Communiqe

Question ID : 26433088407  
Status : Answered  
Chosen Option : 4

**Q.8** Select the most appropriate option that can substitute the underlined segment in the given sentence.

The old man now cherishes only broken memories.

- Ans    ☐ 1. unified  
         ☐ 2. compact  
         ☐ 3. rectified  
         ☒ 4. fragmented

Question ID : 26433089345  
Status : Answered  
Chosen Option : 4

**Q.9** Select the most appropriate option that can substitute the underlined segment in the given sentence.

The policemen thoroughly examined the room where the theft had happened.

- Ans
- ☐ 1. restricted
  - ☐ 2. scrambled
  - ☐ 3. groped
  - ☒ 4. inspected

Question ID : 26433089346  
Status : Answered  
Chosen Option : 4

**Q.10** Select the option that expresses the given sentence in indirect speech.  
She asked, "Where do you live?"

- Ans
- ☐ 1. She asked me where I had lived.
  - ☐ 2. She told me where I lived.
  - ☐ 3. She asked me where I had been living.
  - ☒ 4. She asked me where I lived.

Question ID : 264330133426  
Status : Answered  
Chosen Option : 4

**Q.11** Select the most appropriate option that can substitute the words in the brackets in the given sentence.

Ten years have passed since my father (is dead).

- Ans
- ☐ 1. had died
  - ☒ 2. died
  - ☐ 3. was dead
  - ☐ 4. had been dead

Question ID : 26433061028  
Status : Answered  
Chosen Option : 3

**Q.12** Select the most appropriate option to fill in the blank.

One is sure \_\_\_\_\_ what one sees.

- Ans
- ☒ 1. about
  - ☐ 2. with
  - ☐ 3. around
  - ☐ 4. without

Question ID : 26433093481  
Status : Answered  
Chosen Option : 2

**Q.13** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.  
He is as concerned as me / regarding / the renewed / examination schedule.

- Ans ☒ 1. the renewed
- ☒ 2. examination schedule
- ☒ 3. regarding
- ☒ 4. He is as concerned as me

Question ID : 264330142377  
Status : Answered  
Chosen Option : 4

**Q.14** Select the option that expresses the given sentence in active voice.

Ice-cream is liked by her.

- Ans ☒ 1. She likes ice-cream.
- ☒ 2. She like to eat ice-cream.
- ☒ 3. She like ice-cream.
- ☒ 4. She loves ice-cream.

Question ID : 26433088475  
Status : Answered  
Chosen Option : 1

**Q.15** Select the option that expresses the given sentence in reported speech.  
I said, "They never help anybody".

- Ans ☒ 1. I said nobody helped them.
- ☒ 2. I said they never help anybody.
- ☒ 3. I said that they never helped anybody.
- ☒ 4. I said them never helped anybody.

Question ID : 264330120581  
Status : Answered  
Chosen Option : 3

**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.  
A healthy diet is (1) \_\_\_\_\_ in fibre, whole grains, fresh fruits and vegetables, "good" or unsaturated fats, and omega-3 fatty acids. These dietary components turn down inflammation, which can (2) \_\_\_\_\_ tissue, joints, artery walls and organs. Going easy on processed foods is another (3) \_\_\_\_\_ of healthy eating. Sweets, foods made with highly refined grains, and sugar-sweetened beverages can (4) \_\_\_\_\_ spikes in blood sugar that can lead to early hunger. High blood sugar is (5) \_\_\_\_\_ the development of diabetes, obesity, heart disease and even dementia.

**SubQuestion No : 16**

**Q.16** Select the most appropriate option to fill in blank number 1.

- Ans ☒ 1. easy
- ☒ 2. rich
- ☒ 3. wealthy
- ☒ 4. prosperous

Question ID : 26433098983  
Status : Answered  
Chosen Option : 2

**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.  
A healthy diet is (1) \_\_\_\_\_ in fibre, whole grains, fresh fruits and vegetables, "good" or unsaturated fats, and omega-3 fatty acids. These dietary components turn down inflammation, which can (2) \_\_\_\_\_ tissue, joints, artery walls and organs. Going easy on processed foods is another (3) \_\_\_\_\_ of healthy eating. Sweets, foods made with highly refined grains, and sugar-sweetened beverages can (4) \_\_\_\_\_ spikes in blood sugar that can lead to early hunger. High blood sugar is (5) \_\_\_\_\_ the development of diabetes, obesity, heart disease and even dementia.

**SubQuestion No : 17**

**Q.17** Select the most appropriate option to fill in blank number 2.

- Ans ☒ 1. resuscitate  
☒ 2. damage  
☒ 3. revive  
☒ 4. casualty

Question ID : 26433098984  
Status : Answered  
Chosen Option : 1

**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.  
A healthy diet is (1) \_\_\_\_\_ in fibre, whole grains, fresh fruits and vegetables, "good" or unsaturated fats, and omega-3 fatty acids. These dietary components turn down inflammation, which can (2) \_\_\_\_\_ tissue, joints, artery walls and organs. Going easy on processed foods is another (3) \_\_\_\_\_ of healthy eating. Sweets, foods made with highly refined grains, and sugar-sweetened beverages can (4) \_\_\_\_\_ spikes in blood sugar that can lead to early hunger. High blood sugar is (5) \_\_\_\_\_ the development of diabetes, obesity, heart disease and even dementia.

**SubQuestion No : 18**

**Q.18** Select the most appropriate option to fill in blank number 3.

- Ans ☒ 1. ground  
☒ 2. element  
☒ 3. cause  
☒ 4. compartment

Question ID : 26433098985  
Status : Answered  
Chosen Option : 2

**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.  
A healthy diet is (1) \_\_\_\_\_ in fibre, whole grains, fresh fruits and vegetables, "good" or unsaturated fats, and omega-3 fatty acids. These dietary components turn down inflammation, which can (2) \_\_\_\_\_ tissue, joints, artery walls and organs. Going easy on processed foods is another (3) \_\_\_\_\_ of healthy eating. Sweets, foods made with highly refined grains, and sugar-sweetened beverages can (4) \_\_\_\_\_ spikes in blood sugar that can lead to early hunger. High blood sugar is (5) \_\_\_\_\_ the development of diabetes, obesity, heart disease and even dementia.

**SubQuestion No : 19**

**Q.19** Select the most appropriate option to fill in blank number 4.

- Ans ☒ 1. reason  
☒ 2. amend  
☒ 3. cause  
☒ 4. provision

Question ID : 26433098986  
Status : Answered  
Chosen Option : 3



**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.  
A healthy diet is (1) \_\_\_\_\_ in fibre, whole grains, fresh fruits and vegetables, "good" or unsaturated fats, and omega-3 fatty acids. These dietary components turn down inflammation, which can (2) \_\_\_\_\_ tissue, joints, artery walls and organs. Going easy on processed foods is another (3) \_\_\_\_\_ of healthy eating. Sweets, foods made with highly refined grains, and sugar-sweetened beverages can (4) \_\_\_\_\_ spikes in blood sugar that can lead to early hunger. High blood sugar is (5) \_\_\_\_\_ the development of diabetes, obesity, heart disease and even dementia.

**SubQuestion No : 20**

**Q.20** Select the most appropriate option to fill in blank number 5.

- Ans ☒ 1. source of  
☒ 2. made of  
☒ 3. linked to  
☒ 4. affiliated to

Question ID : 26433098987

Status : Answered

Chosen Option : 3

**Comprehension:**

Read the given passage and answer the questions that follow.  
Like we pollute the earth, we pollute the water; we also pollute the subtle environment through our negative feelings and emotions. We have become a victim of our environment. We are not in control of our mind. How to handle our mind? How to be in the present moment? How to be happy and grateful? This we have not learnt. This is the most unfortunate thing. Then what is the solution? This is where we miss a very fundamental principle that governs our environment, our mind, our emotions and our life in general. Our body has the capacity to sustain much longer, the vibration of bliss and peace than it does negative emotions because positivity is in the centre of our existence. Just like in the structure of atom, protons and neutrons are in the centre of the atom and electrons are only the periphery, same is with our lives; the centre core of our existence is bliss, positivity and joy but it is surrounded by a cloud of negative ions. Through the help of the breath we can easily get over our negative emotions in a short period of time.  
This life has so much to offer to you. You can see this once you take some time off, rejuvenating the soul. Your soul is hungry for a smile from you.  
Everyone wants to be successful in life. But without knowing what is success, you want to be successful. What is the sign of success? Because money gives you freedom so that you can do whatever you want. You may have a big bank balance, but, you have stomach aches, ulcers, you may have to go for the bypass surgery; can't eat this, can't do this, can't do that. Look at all those who claim to be successful-are they successful? No, they are miserable. Then, what is sign of success? It is confidence, compassion, generosity and a smile that none can snatch away, being really happy and being able to be more free. These are the signs of a successful person.  
Take some time off to look a little deep into yourself and calm the mind down. Thus, erasing all the impressions that we are carrying in our minds and experience the presence, the divine that is very core of our existence.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option that depicts the central theme of the passage.

- Ans ☒ 1. Being happy and content are the keys to a successful life.  
☒ 2. Positive and negative emotions are a part of life.  
☒ 3. Man has polluted life and environment both.  
☒ 4. God is the supreme power.

Question ID : 264330121863

Status : Answered

Chosen Option : 1

**Comprehension:**

Read the given passage and answer the questions that follow.

Like we pollute the earth, we pollute the water; we also pollute the subtle environment through our negative feelings and emotions. We have become a victim of our environment. We are not in control of our mind. How to handle our mind? How to be in the present moment? How to be happy and grateful? This we have not learnt. This is the most unfortunate thing. Then what is the solution? This is where we miss a very fundamental principle that governs our environment, our mind, our emotions and our life in general. Our body has the capacity to sustain much longer, the vibration of bliss and peace than it does negative emotions because positivity is in the centre of our existence. Just like in the structure of atom, protons and neutrons are in the centre of the atom and electrons are only the periphery, same is with our lives; the centre core of our existence is bliss, positivity and joy but it is surrounded by a cloud of negative ions. Through the help of the breath we can easily get over our negative emotions in a short period of time.

This life has so much to offer to you. You can see this once you take some time off, rejuvenating the soul. Your soul is hungry for a smile from you.

Everyone wants to be successful in life. But without knowing what is success, you want to be successful. What is the sign of success? Because money gives you freedom so that you can do whatever you want. You may have a big bank balance, but, you have stomach aches, ulcers, you may have to go for the bypass surgery; can't eat this, can't do this, can't do that. Look at all those who claim to be successful-are they successful? No, they are miserable. Then, what is sign of success? It is confidence, compassion, generosity and a smile that none can snatch away, being really happy and being able to be more free. These are the signs of a successful person.

Take some time off to look a little deep into yourself and calm the mind down. Thus, erasing all the impressions that we are carrying in our minds and experience the presence, the divine that is very core of our existence.

**SubQuestion No : 22**

**Q.22** Select the most appropriate ANTONYM for 'Periphery'.

- Ans**    1. Troops
-  2. Centre
-  3. Clatter
-  4. Divine

Question ID : **264330121865**  
Status : **Answered**  
Chosen Option : **2**

**Comprehension:**

Read the given passage and answer the questions that follow.

Like we pollute the earth, we pollute the water; we also pollute the subtle environment through our negative feelings and emotions. We have become a victim of our environment. We are not in control of our mind. How to handle our mind? How to be in the present moment? How to be happy and grateful? This we have not learnt. This is the most unfortunate thing. Then what is the solution? This is where we miss a very fundamental principle that governs our environment, our mind, our emotions and our life in general. Our body has the capacity to sustain much longer, the vibration of bliss and peace than it does negative emotions because positivity is in the centre of our existence. Just like in the structure of atom, protons and neutrons are in the centre of the atom and electrons are only the periphery, same is with our lives; the centre core of our existence is bliss, positivity and joy but it is surrounded by a cloud of negative ions. Through the help of the breath we can easily get over our negative emotions in a short period of time.

This life has so much to offer to you. You can see this once you take some time off, rejuvenating the soul. Your soul is hungry for a smile from you.

Everyone wants to be successful in life. But without knowing what is success, you want to be successful. What is the sign of success? Because money gives you freedom so that you can do whatever you want. You may have a big bank balance, but, you have stomach aches, ulcers, you may have to go for the bypass surgery; can't eat this, can't do this, can't do that. Look at all those who claim to be successful-are they successful? No, they are miserable. Then, what is sign of success? It is confidence, compassion, generosity and a smile that none can snatch away, being really happy and being able to be more free. These are the signs of a successful person.

Take some time off to look a little deep into yourself and calm the mind down. Thus, erasing all the impressions that we are carrying in our minds and experience the presence, the divine that is very core of our existence.

**SubQuestion No : 23**

**Q.23** According to the passage, what is the human soul hungry for?

- Ans**
- ☒ 1. More wealth
  - ☒ 2. Success
  - ☒ 3. A positive feeling
  - ☒ 4. A smile

Question ID : **264330121864**

Status : **Answered**

Chosen Option : **4**

**Comprehension:**

Read the given passage and answer the questions that follow.

Like we pollute the earth, we pollute the water; we also pollute the subtle environment through our negative feelings and emotions. We have become a victim of our environment. We are not in control of our mind. How to handle our mind? How to be in the present moment? How to be happy and grateful? This we have not learnt. This is the most unfortunate thing. Then what is the solution? This is where we miss a very fundamental principle that governs our environment, our mind, our emotions and our life in general. Our body has the capacity to sustain much longer, the vibration of bliss and peace than it does negative emotions because positivity is in the centre of our existence. Just like in the structure of atom, protons and neutrons are in the centre of the atom and electrons are only the periphery, same is with our lives; the centre core of our existence is bliss, positivity and joy but it is surrounded by a cloud of negative ions. Through the help of the breath we can easily get over our negative emotions in a short period of time.

This life has so much to offer to you. You can see this once you take some time off, rejuvenating the soul. Your soul is hungry for a smile from you.

Everyone wants to be successful in life. But without knowing what is success, you want to be successful. What is the sign of success? Because money gives you freedom so that you can do whatever you want. You may have a big bank balance, but, you have stomach aches, ulcers, you may have to go for the bypass surgery; can't eat this, can't do this, can't do that. Look at all those who claim to be successful-are they successful? No, they are miserable. Then, what is sign of success? It is confidence, compassion, generosity and a smile that none can snatch away, being really happy and being able to be more free. These are the signs of a successful person.

Take some time off to look a little deep into yourself and calm the mind down. Thus, erasing all the impressions that we are carrying in our minds and experience the presence, the divine that is very core of our existence.

**SubQuestion No : 24**

**Q.24** Select the option that is NOT true, according to the passage.

- Ans**    1. One should take out time to look deep into oneself.
-  2. Life has so much to offer.
-  3. Human beings are in control of their mind.
-  4. Money gives freedom to do whatever we want to do.

Question ID : **264330121866**

Status : **Answered**

Chosen Option : **4**

**Comprehension:**

Read the given passage and answer the questions that follow.

Like we pollute the earth, we pollute the water; we also pollute the subtle environment through our negative feelings and emotions. We have become a victim of our environment.

We are not in control of our mind. How to handle our mind? How to be in the present moment? How to be happy and grateful? This we have not learnt. This is the most unfortunate thing. Then what is the solution? This is where we miss a very fundamental principle that governs our environment, our mind, our emotions and our life in general.

Our body has the capacity to sustain much longer, the vibration of bliss and peace than it does negative emotions because positivity is in the centre of our existence. Just like in the structure of atom, protons and neutrons are in the centre of the atom and electrons are only the periphery, same is with our lives; the centre core of our existence is bliss, positivity and joy but it is surrounded by a cloud of negative ions. Through the help of the breath we can easily get over our negative emotions in a short period of time.

This life has so much to offer to you. You can see this once you take some time off, rejuvenating the soul. Your soul is hungry for a smile from you.

Everyone wants to be successful in life. But without knowing what is success, you want to be successful. What is the sign of success? Because money gives you freedom so that you can do whatever you want. You may have a big bank balance, but, you have stomach aches, ulcers, you may have to go for the bypass surgery; can't eat this, can't do this, can't do that.

Look at all those who claim to be successful-are they successful? No, they are miserable.

Then, what is sign of success? It is confidence, compassion, generosity and a smile that none can snatch away, being really happy and being able to be more free. These are the signs of a successful person.

Take some time off to look a little deep into yourself and calm the mind down. Thus, erasing all the impressions that we are carrying in our minds and experience the presence, the divine that is very core of our existence.

**SubQuestion No : 25**

**Q.25** Select the most suitable title for the passage.

- Ans**    1. Earth and Environment
-  2. Environment Pollution
-  3. Core of Human Existence
-  4. How to be Successful?

Question ID : **264330121862**

Status : **Answered**

Chosen Option : **3**