



GOVT. OF NCT OF DELHI
Delhi Subordinate Services Selection Board
FC-18, Institutional Area, Karkardooma, Delhi – 110092.
www.dsssb.delhigovt.nic.in

Participant Name	DIVYA
Test Center Name	Aadarsh Pariksha Kendra CENTER B - Gate No 2 - Noida Sector 64
Test Date	06/03/2026
Test Time	1:00 PM - 3:00 PM
Subject	Multi Tasking Staff

Section : General intelligence and Reasoning Ability

Q.1 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) C # * C Y A \ # Z K + F S = & K N ^ C & S (Right)

How many such symbols are there each of which is immediately preceded by a symbol and also immediately followed by a letter?10603

- Ans 1. Three
 2. One
 3. Four
 4. Two

Q.2 The position(s) of how many letters will remain unchanged if each letter in the word FRIENDS is arranged in the English alphabetical order?

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

Q.3 Each of F, G, H, I, U, V and W has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. F has exam on Thursday. U has exam two days before F. Only four people have exams between G and U. I has exam on one of the days after U. V has exam on the day immediately before W. How many people have exam between W and I?

- Ans 1. Four
 2. Three
 3. One
 4. Two

Q.4 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. E is kept fifth from the bottom. D is kept fourth from the top. Only two boxes are kept between A and E. G is kept immediately below C. F is not kept above B. How many boxes are kept between B and C?

- Ans 1. Four
 2. None
 3. Two
 4. Three

Q.5 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusions logically follow(s) from the given statements.

Statements:

Some sharpeners are books.

All books are erasers.

Conclusions:

(I): Some sharpeners are erasers

(II): All erasers are books

- Ans**
- 1. Neither conclusion (I) nor (II) follows
 - 2. Only conclusion (II) follows
 - 3. Both conclusions (I) and (II) follow
 - 4. Only conclusion (I) follows

Q.6 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only six boxes are kept below G. B is kept fourth from the bottom. D is kept immediately below C but above A. E is kept below F but above B. How many boxes are kept between G and D?

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

Q.7 In this question, a statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

Statement: $X \geq Y > Z = W < V$

Conclusions:

I. $Z < X$

II. $Y > W$

- Ans**
- 1. Neither I nor II is true
 - 2. Only I is true
 - 3. Only II is true
 - 4. Both I and II are true

Q.8 In this question, a statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

Statement: $T \geq U = V < W \leq X$

Conclusions:

I. $T < W$

II. $V < X$

- Ans**
- 1. Only I is true
 - 2. Only II is true
 - 3. Both I and II are true
 - 4. Neither I nor II is true

Q.9 Each of L, M, N, R, S, T and U has interview on a different day of a week starting from Monday and ending on Sunday of the same week. Only three people have interview between U and R. U has interview on the third day of the week. Only one person has interview between T and M. L has interview immediately the day before N. S doesn't have interview on Friday. How many people have interview after S?

- Ans**
- 1. Five
 - 2. Six
 - 3. Four
 - 4. Two

Q.10 In a certain code language, 'EACH' is coded as '9763' and 'HEAT' is coded as '8976'. What is the code for 'T' in the given code language?

- Ans
- 1. 3
 - 2. 7
 - 3. 8
 - 4. 6

Q.11 Seven people, E, F, G, S, T, U and V are sitting in a row, facing north. Only five people sit between T and S. F sits to the immediate left of S. Only one person sits between F and G. U sits at some place to the left of V but at some place to the right of E. Who sits third from the left end of the line?

- Ans
- 1. G
 - 2. S
 - 3. T
 - 4. U

Q.12 Refer to the following letter series and answer the question. (Counting to be done from left to right only).

(Left) E T A Q H G U K M S W D F I C X Z R B Y O (Right)

How many such consonants are there each of which is immediately preceded by a consonant and also immediately followed by a vowel?

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

Q.13 In a certain code language, 'SEAT' is coded as '3157' and 'BIDS' is coded as '2416'. What is the code for 'S' in the given code language?

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

Q.14 Refer to the following letter series and answer the question. (Counting to be done from left to right only).

(Left) G U K O W C X Z M R A Q Y E S F H T B D I (Right)

How many such consonants are there each of which is immediately preceded by a vowel and also immediately followed by a consonant?

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

Q.15 In a certain code language, 'BEAR' is coded as '7542' and 'AIDS' is coded as '1367'. What is the code for 'A' in the given code language?

- Ans
- 1. 1
 - 2. 7
 - 3. 3
 - 4. 4

Q.16 Seven people, E, F, G, S, T, U and V are sitting in a row, facing north. Only T sits to the left of E. Only four people sit between T and V. Only F sits between U and S and U is not an immediate neighbor of V. Who sits at the extreme right of the line?

- Ans
- 1. S
 - 2. E
 - 3. G
 - 4. V

Q.17 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) / # = \$ F P ? % ? U C * O M S Y G \ X H L (Right)

How many such letters are there each of which is immediately preceded by a letter and also immediately followed by a symbol?

- Ans
- 1. One
 - 2. Two
 - 3. Three
 - 4. Four

Q.18 B, U की माता है। U, N की बहन है। C, H का पिता है। H, N का पुत्र है। B का H से क्या संबंध है?

- Ans
- 1. माता की बहन
 - 2. माता
 - 3. माता की माता
 - 4. बहन

Q.19 In a certain code language,
A + B means 'A is the sister of B',
A - B means 'A is the brother of B',
A × B means 'A is the wife of B',
A ÷ B means 'A is the father of B'.

Based on the above, how is Z related to L if 'Z × M ÷ U - K + L'?

- Ans
- 1. Sister
 - 2. Mother
 - 3. Daughter
 - 4. Wife

Q.20 Each vowel in the word INCAGED is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the group of letters thus formed? 1774

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

Section : General intelligence and Reasoning Ability1

Q.1 What should come in place of the question mark (?) in the given series?

12 14 17 21 ? 32

- Ans
- 1. 26
 - 2. 24
 - 3. 30
 - 4. 28

Q.2 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

HNF : KQI

GOR : JRU

- Ans
- 1. QBZ : TEC
 - 2. CKA : GNC
 - 3. PJS : TNW
 - 4. AVM : DZR

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 parks are forests.

No forest is a hill.

Conclusions:

(I): No park is a hill.

(II): All hills are forests.

- Ans
- 1. Only conclusion (I) follows
 - 2. Neither conclusion (I) nor (II) follows
 - 3. Only conclusion (II) follows
 - 4. Both conclusions (I) and (II) follow

Q.4 Each of the digits in the number 3815476 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

- Ans
- 1. 8
 - 2. 10
 - 3. 7
 - 4. 9

Q.5 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g., 13 - Operations on 13 such as adding/subtracting/multiplying, etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(9, 25, 70)

(12, 11, 71)

- Ans
- 1. (26,23,53)
 - 2. (24,12,13)
 - 3. (2,38,18)
 - 4. (18,21,111)

Q.6 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.



Ans

1.



2.



3.



4.



Q.7 KH 15 is related to ML 8 in a certain way. In the same way, TG 20 is related to VK 13. To which of the following is PR 21 related, following the same logic?

Ans

1. PR 12

2. FR 11

3. RV 14

4. RR 13

Q.8

If '+' means '-', '-' means 'x', 'x' means '+', '+' means '+', then what will come in place of the question mark (?) in the following equation?

$$12 - 4 \div 17 + 28 \times 4 = ?$$

Ans

1. 54

2. 59

3. 58

4. 57

Q.9 What should come in place of '?' in the given series?

183 134 93 60 35 ?

Ans

1. 24

2. 30

3. 21

4. 18

Q.10 Based on the English alphabetical order, three of the following four letter-cluster pairs 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 consonants/vowels or their position in the letter cluster.)

- Ans
- 1. DM-MT
 - 2. NI-ID
 - 3. JS-SZ
 - 4. ZI-IP

Q.11 In the following triad, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.
SHIP - ISHP - PIHS
KNOT - OKNT - TONK

- Ans
- 1. MILE - IMLE - EILM
 - 2. FOND - NFOD - DNOF
 - 3. COLD - CLOD - DLOC
 - 4. SHIT - ISHT - HITS

Q.12 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into 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)
(65, 254)
(32, 122)

- Ans
- 1. (77, 294)
 - 2. (35, 134)
 - 3. (18, 68)
 - 4. (26, 90)

Q.13 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

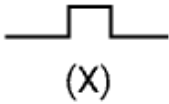
$$37 C 125 A 5 B 8 D 204 = ?$$

- Ans
- 1. 39
 - 2. 37
 - 3. 38
 - 4. 33

Q.14 What should come in place of ? in the given series?
732 823 914 1005 1096 ?

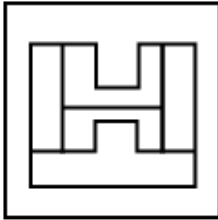
- Ans
- 1. 1167
 - 2. 1197
 - 3. 1187
 - 4. 1177

Q.15 Select the option figure in which the given figure (X) is embedded as its part (rotation is not allowed).

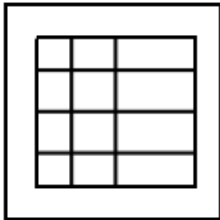


Ans

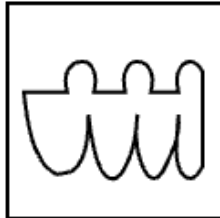
✓ 1.



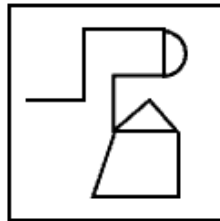
✗ 2.



✗ 3.



✗ 4.



Q.16 Based on the English alphabetical order, three of the following four letter-cluster pairs 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 consonants/vowels or their position in the letter-cluster.)

Ans

✗ 1. KO - PT

✗ 2. FJ - KO

✗ 3. QU - VZ

✓ 4. XS - TL

Q.17 Based on the English alphabetical order, three of the following four letter cluster pairs 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 man out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans

✗ 1. OS-VP

✗ 2. RV-YS

✓ 3. JN-QL

✗ 4. LP-SM

Q.18 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 134756455738, what will be the sum of the digits which are second from the left and second from the right?

- Ans
- 1. 6
 - 2. 8
 - 3. 4
 - 4. 10

Q.19 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying, etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(33,22,8)

(49,25,21)

- Ans
- 1. (5,22,25)
 - 2. (3,14,22)
 - 3. (18,4,1)
 - 4. (28,9,16)

Q.20 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark '?' in the following equation?

128 A 8 C 106 D 14 B 8 = ?

- Ans
- 1. 14
 - 2. 11
 - 3. 15
 - 4. 10

Section : General Awareness

Q.1 The outlay for Electronics Components Manufacturing Scheme in the Union Budget 2026-27 of India was raised to:

- Ans
- 1. ₹50,000 crore
 - 2. ₹20,000 crore
 - 3. ₹30,000 crore
 - 4. ₹40,000 crore

Q.2 Phase I of the Pradhan Mantri Gram Sadak Yojana was launched in which of the following years?

- Ans
- 1. 2015
 - 2. 2009
 - 3. 2000
 - 4. 1991

Q.3 Which resolution officially marked the beginning of the Swadeshi Movement?

- Ans
- 1. The Quit India resolution
 - 2. The Swaraj resolution of 1916
 - 3. The Boycott resolution of August 7, 1905
 - 4. The Partition Protest Act

Q.4 Which of the following is an example of a transfer payment and hence excluded from national income?

- Ans**
- 1. Interest on savings account
 - 2. Profit earned by a company
 - 3. Old-age pension
 - 4. Salary of a teacher

Q.5 In September 2025, which premier medical institute inaugurated the advanced da Vinci surgical robot at its SET (Skills, Education and Training) centre?

- Ans**
- 1. Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh
 - 2. National Institute of Mental Health and Neurosciences (NIMHANS), Bengaluru
 - 3. All India Institute of Medical Sciences (AIIMS), New Delhi
 - 4. Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry

Q.6 Which flagship programme aims to enhance the National Highways network in India?

- Ans**
- 1. Bharatmala
 - 2. Make in India
 - 3. Sagarmala
 - 4. AMRUT Mission

Q.7 India's women's team achieved a first-ever T20I series win against which of the following teams in July 2025?

- Ans**
- 1. Australia
 - 2. Pakistan
 - 3. Sri Lanka
 - 4. England

Q.8 India inaugurated its first DST-ICGEB Bio-foundry in New Delhi in June 2025. This facility aims to boost which sector?

- Ans**
- 1. Bio-manufacturing
 - 2. Nuclear research
 - 3. Renewable energy
 - 4. Space propulsion

Q.9 Who played the most prominent role in organizing the Kheda Satyagraha under Gandhi's guidance?

- Ans**
- 1. Lala Lajpat Rai
 - 2. Motilal Nehru
 - 3. Subhas Chandra Bose
 - 4. Sardar Vallabhbhai Patel

Q.10 Hiya Adlakha achieved which of the following at the Khelo India Winter Games 2026?

- Ans**
- 1. Bronze in novice girls' category
 - 2. Gold in novice girls' category
 - 3. Platinum in novice girls' category
 - 4. Silver in novice girls' category

Q.11 Who has been appointed as the new Chief Election Commissioner on 19 February 2025?

- Ans
- 1. Gyanesh Kumar
 - 2. Gyanendra Pratap Singh
 - 3. Dr. Sukhbir Singh Sandhu
 - 4. Dr. Vivek Joshi

Q.12 Which of the following banks is called the Banker's Bank in India?

- Ans
- 1. State Bank of India (SBI)
 - 2. Industrial Credit and Investment Corporation of India (ICICI)
 - 3. Reserve Bank of India (RBI)
 - 4. Housing Development Finance Corporation (HDFC)

Q.13 The Jallianwala Bagh massacre took place on which date?

- Ans
- 1. 10th April 1919
 - 2. 13th April 1919
 - 3. 15th April 1919
 - 4. 6th April 1919

Q.14 In the context of Indian budget, the financial year runs from _____.

- Ans
- 1. 1 January to 31 December of the same year
 - 2. 1 April to 31 March of the following year
 - 3. 1 October to 30 September of the following year
 - 4. 1 July to 30 June of the following year

Q.15 Scheduled banks in India are listed under which Act?

- Ans
- 1. Income Tax Act, 1961
 - 2. Banking Regulation Act, 1949
 - 3. Companies Act, 2013
 - 4. RBI Act, 1934

Q.16 In 1925, who organised the "Self-Respect Movement" designed as the Dravidian upliftment?

- Ans
- 1. E.V. Ramaswamy Naicker
 - 2. Tirupur Kumaran
 - 3. VO Chidambaram
 - 4. Perumal Varadarajulu Naidu

Q.17 Who broke the Indian national indoor record in women's high jump at the 2026, Asian Indoor Athletics Championships?

- Ans
- 1. Ancy Sojan
 - 2. Pooja Singh
 - 3. Moumita Mondal
 - 4. Yogita

Q.18 President Droupadi Murmu launched which nationwide initiative in January 2026 focused on skill development?

- Ans
- 1. Digital India Skill Programme
 - 2. National Youth Empowerment Mission
 - 3. Tech India Skill Drive
 - 4. Skilling for AI Readiness (SOAR) initiative

Q.19 Which Sikh festival, celebrated with martial displays and mock battles, was established by Guru Gobind Singh?

- Ans
- 1. Lohri
 - 2. Gurpurab
 - 3. Baisakhi
 - 4. Hola Mohalla

Q.20 1905 में बिपिन चंद्र पाल द्वारा स्थापित निम्नलिखित में से किस समाचार पत्र का उद्देश्य पूर्ण स्वतंत्रता का पक्ष समर्थन करना और भारतीय राष्ट्रवाद के एक मंच के रूप में कार्य करना था?

- Ans
- 1. इंडियन मिरर
 - 2. वंदे मातरम्
 - 3. इंडिपेंडेंट
 - 4. जय हिंद

Section : General Awareness1

Q.1 The Panchayati Raj system in India was given constitutional status by which Amendment?

- Ans
- 1. 73rd Amendment
 - 2. 74th Amendment
 - 3. 44th Amendment
 - 4. 42nd Amendment

Q.2 What is the name of the small pores on leaves that control the exchange of gases?

- Ans
- 1. Cuticle
 - 2. Stomata
 - 3. Guard cells
 - 4. Lenticels

Q.3 The Right to Freedom of Speech is under which Article of the Indian Constitution?

- Ans
- 1. 21
 - 2. 19
 - 3. 14
 - 4. 32

Q.4 Which city is famous for the Charminar monument?

- Ans
- 1. Kolkata
 - 2. Hyderabad
 - 3. Chennai
 - 4. Mumbai

Q.5 The Constitution of India enshrines the 'Right to Equality' in which of the following Articles?

- 1. Article 13
- 2. Article 14
- 3. Article 15
- 4. Article 16

- Ans
- 1. 2 and 3 only
 - 2. 1 and 2 only
 - 3. 1, 2 and 3 only
 - 4. 2, 3 and 4 only

Q.6 The Constitutional Provision that fixes the normal term of the House of the People at five years and permits its extension during a Proclamation of Emergency is contained in which Article of the Indian Constitution?

- Ans**
- 1. Article 172
 - 2. Article 81
 - 3. Article 85
 - 4. Article 83(2)

Q.7 कौन-सा प्राचीन ग्रंथ, इंडो-आर्यन भाषाओं के पूर्ववर्ती इंडो-ईरानी भाषा का सबसे पुराना साक्ष्य प्रदान करता है?

- Ans**
- 1. महाभारत
 - 2. रामायण
 - 3. ऋग्वेद
 - 4. ज़ेद-अवेस्ता

Q.8 मेंडल द्वारा लंबे और छोटे मटर के पौधों के बीच किए गए एकसंकर संकरण में, F1 पीढ़ी क्या दर्शाती है?

- Ans**
- 1. सभी छोटे थे
 - 2. सभी मध्यम ऊँचाई के थे
 - 3. आधे लंबे और आधे छोटे थे
 - 4. सभी लंबे थे

Q.9 ऊर्जा अवसंरचना विकास में जनभागीदारी क्यों महत्वपूर्ण है?

- Ans**
- 1. लागत बढ़ाने के लिए
 - 2. तकनीकी प्रगति को सीमित करने के लिए
 - 3. पारदर्शिता में कमी के लिए
 - 4. कठोर पर्यावरणीय मानकों और जनहित को सुनिश्चित करने के लिए

Q.10 DNA carries genetic information in the form of ____.

- Ans**
- 1. Sugars
 - 2. Fatty acids
 - 3. Nitrogenous bases
 - 4. Amino acids

Q.11 Which Articles of the Constitution cover the Union Executive's roles and responsibilities in India?

- Ans**
- 1. Articles 100 to 120
 - 2. Articles 80 to 100
 - 3. Articles 1 to 51
 - 4. Articles 52 to 78

Q.12 भारत में मनाया जाने वाला त्यौहार मकर संक्रांति, सूर्य के किस राशि में संक्रमण से संबंधित है?

- Ans**
- 1. मकर (Capricorn)
 - 2. मेष (Aries)
 - 3. वृश्चिक (Scorpio)
 - 4. धनु (Sagittarius)

Q.13 What is the term for a trait that is expressed even when only one copy of the gene is present?

- Ans**
- 1. Homozygous
 - 2. Dominant
 - 3. Heterozygous
 - 4. Recessive

Q.14 Which among the following zones of the Northern Plains lies closest to the Shiwalik foothills?

- Ans**
- 1. Khadar
 - 2. Tarai
 - 3. Bhabar
 - 4. Bhangar

Q.15 In Mendelian genetics, the presence of two dissimilar alleles for a particular trait, such as Rr in pea plants, is referred to as which condition?

- Ans**
- 1. Heterozygous
 - 2. Dominant
 - 3. Homozygous
 - 4. Monogenic

Q.16 Which of the following Assamese festivals is celebrated thrice a year?

- Ans**
- 1. Ali-Ai-Ligang
 - 2. Bihu
 - 3. Ambubachi Mela
 - 4. Bwisagu

Q.17 The Tawang region, known for high-altitude passes and glacial lakes, is located in which of the following states?

- Ans**
- 1. Manipur
 - 2. Sikkim
 - 3. Nagaland
 - 4. Arunachal Pradesh

Q.18 Which of the following hydroelectric projects is NOT built on the Sutlej River?

- Ans**
- 1. Nathpa Jhakri Hydroelectric Project
 - 2. Bhakra Nangal Hydroelectric Project
 - 3. Karcham Wangtoo Hydroelectric Project
 - 4. Nagarjuna Sagar Hydroelectric Project

Q.19 The National Education Policy (NEP) 2020 of the Government of India is related to which Sustainable Development Goal (SDG)?

- Ans**
- 1. SDG-1
 - 2. SDG-12
 - 3. SDG-4
 - 4. SDG-7

Q.20 Which Indian language, spoken in Nagaland, has a rich oral tradition and is influenced by the diverse tribal cultures of the region?

- Ans**
- 1. Hindi, from northern India
 - 2. Nagamese, from the northeast
 - 3. Marathi, from Maharashtra
 - 4. Bengali, from West Bengal

Q.1 The price of 12 kg of apples is ₹864 and the price of 8 kg of bananas is ₹520. If Praveen has purchased 7 kg of apples and 3 kg of bananas, find the total price paid by him.

- Ans**
- 1. ₹679
 - 2. ₹570
 - 3. ₹699
 - 4. ₹638

Q.2 Two successive price increases of 10% and 10% of an article are equivalent to a single price increase of:

- Ans**
- 1. 19%
 - 2. 20%
 - 3. 21%
 - 4. 20.5%

Q.3 Sachin deposited a sum of ₹51,600 at a rate of interest of 5% per annum, compounded annually. What will be the total amount received by Sachin after 2 years?

- Ans**
- 1. ₹56,889
 - 2. ₹56,848
 - 3. ₹57,116
 - 4. ₹56,725

Q.4 Chetan's salary was first reduced by 36% and subsequently increased by 49%. By what percentage is his final salary lower than his initial salary?

- Ans**
- 1. 13%
 - 2. 4.64%
 - 3. 7.64%
 - 4. 9%

Q.5 The price of a helmet is increased by 30%, then decreased by 10%, and again increased by 5%. What is the overall percentage increase?

- Ans**
- 1. 12.25%
 - 2. 22.85%
 - 3. 11.15%
 - 4. 20.15%

Q.6 The average score of a batsman in 10 innings is 50 runs. In the next innings, he scores 110 runs. What will be his new average (in runs)? (Round off your answer to two decimal places.)

- Ans**
- 1. 55.45
 - 2. 65.15
 - 3. 60.25
 - 4. 70.45

Q.7 A student's marks were incorrectly entered as 49 instead of 91. Due to this, the class average got decreased by $\frac{7}{6}$. What is the number of students in the class?

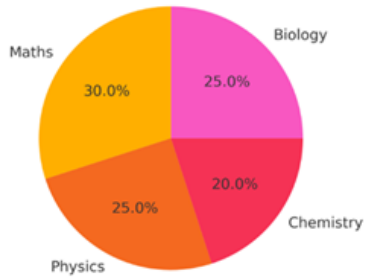
- Ans**
- 1. 46
 - 2. 42
 - 3. 36
 - 4. 33

Q.8 Nita earns 33% on an investment but loses 20% on another investment. If the ratio of the two investments is 3 : 5, then the combined loss/profit percentage is:

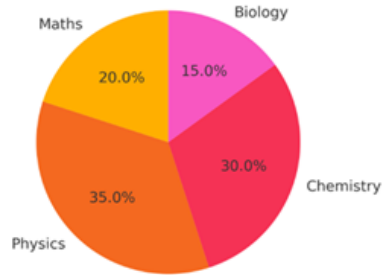
- Ans
- 1. 40% profit
 - 2. 12.5% loss
 - 3. 12.5% profit
 - 4. 30% loss

Q.9 The charts below show the distribution of students in two classes (A and B) across different subjects. Study the charts and answer the question.

Distribution of Students in Class A



Distribution of Students in Class B



In which subject does Class A have the highest number of students?

- Ans
- 1. Biology
 - 2. Physics
 - 3. Chemistry
 - 4. Maths

Q.10 Manoj has ₹1,722. He divided this sum between his two sons, Anand and Anil, and asked them to invest their respective shares at 5% per annum, compounded annually. It was observed that the amounts received by Anand after 16 years and by Anil after 17 years were equal. Find how much (in ₹) Manoj gave to Anand.

- Ans
- 1. 882
 - 2. 840
 - 3. 940
 - 4. 732

Q.11 If 7 pens and 10 pencils cost ₹540 and 8 pencils and 7 pens cost ₹520, then the cost of 15 pencils is:

- Ans
- 1. ₹160
 - 2. ₹120
 - 3. ₹180
 - 4. ₹150

Q.12 Find the average of 321, 129, 96, 49, and 125.

- Ans
- 1. 144
 - 2. 145
 - 3. 146
 - 4. 147

Q.13 In what duration (in years) will ₹4800 fetch a simple interest of ₹960 at 5% per annum rate of interest?

- Ans
- 1. 5
 - 2. 4
 - 3. 3
 - 4. 8

Q.14 A 90 litre container has a mixture of juice and water in the ratio 11:7. 54 litres of this mixture is removed and replaced with pure water. What is the new ratio of juice to water?

- Ans
- 1. 11 : 17
 - 2. 11 : 23
 - 3. 11 : 19
 - 4. 11 : 34

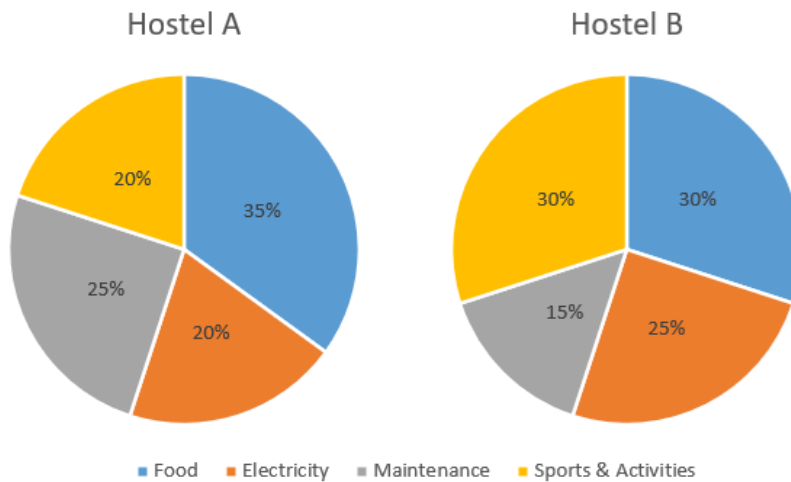
Q.15 The seven-digit number 7A4812B is divisible by 8. Find the maximum possible value of A+B.

- Ans
- 1. 12
 - 2. 18
 - 3. 17
 - 4. 8

Q.16 Two persons A and B invested the same amount in two different financial companies with the same rate of interest of 10% per year. If their interests are compounded yearly and half-yearly, respectively, then what is the ratio of their interests after one year?

- Ans
- 1. 43 : 45
 - 2. 43 : 38
 - 3. 40 : 31
 - 4. 40 : 41

Q.17 Two pie charts represent the percentage-wise monthly expenditure of two hostels: Hostel A and Hostel B. The monthly budget of Hostel A is ₹6 lakh, and that of Hostel B is ₹5 lakh. Which hostel spends more on Food, and by how much?



- Ans
- 1. Hostel B, by ₹10,000
 - 2. Hostel A, by ₹30,000
 - 3. Hostel B, by ₹20,000
 - 4. Hostel A, by ₹60,000

Q.18 The least number to be added to the number 115690, so that the result is exactly divisible by 6 and 8 is:

- Ans
- 1. 16
 - 2. 10
 - 3. 14
 - 4. 12

Q.19 A person spends 75% of his income and saves the rest. His income increases by 25%, and his expenditure increases by 20%. By what percentage have his savings increased?

- Ans
- 1. 25%
 - 2. 40%
 - 3. 30%
 - 4. 35%

Q.20 A vendor sold 28 chocolates for a rupee, thereby gaining 50%. How many did he buy for a rupee?

- Ans
- 1. 48
 - 2. 44
 - 3. 42
 - 4. 46

Section : **Arithmetical and Numerical Ability1**

Q.1 A pipe can fill a cistern in 8 hours. Later, a leak develops at the bottom of the cistern, which alone can empty the full cistern in 24 hours. When both the pipe and the leak are working together, how long will it take to fill the cistern?

- Ans
- 1. 10 hours
 - 2. 11 hours
 - 3. 8 hours
 - 4. 12 hours

Q.2 A man bought 100 items for ₹2,500. Out of these, 20 items were damaged and could not be sold. He sold the remaining items at ₹30 each. Find the loss percentage.4349

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

Q.3 A triangle has two sides of lengths 10 cm and 14 cm, and the included angle between them is 60° . What is the area (in cm^2) of the triangle?

- Ans
- 1. $40\sqrt{3}$
 - 2. $35\sqrt{3}$
 - 3. $30\sqrt{3}$
 - 4. $33\sqrt{3}$

Q.4 Three quantities A, B and C are in the ratio $A:B=2:3$ and $B:C=3:4$. Another three quantities P, Q and R are in the ratio $P:Q=3:4$ and $Q:R=4:5$. If the sum of A, B and C is equal to the sum of P, Q and R, then find the value of $(A+Q):(P+C)$.

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

Q.5 A shopkeeper fixed the marked price of an article to include a 30% profit. He then gave a 10% discount. What is his actual profit if the selling price of the article is ₹17,550?

- Ans 1. ₹2,550
 2. ₹2,840
 3. ₹3,500
 4. ₹3,750

Q.6 A basketball has a diameter of 42 cm. What is its volume? (Given $\pi = \frac{22}{7}$)

- Ans 1. 39,102 cubic cm.
 2. 36,875 cubic cm.
 3. 38,782 cubic cm.
 4. 38,808 cubic cm.

Q.7 A car makes a journey in three parts as follows.

First part: 75 km at 30 km/hr
Second part: 123 km at 41 km/hr
Third part: 150 km at 75 km/hr

What is the average speed for the entire journey?

- Ans 1. 42.7 km/hr
 2. 46.4 km/hr
 3. 43.8 km/hr
 4. 45.8 km/hr

Q.8 Four friends are making fruit juice. The fruit-to-water ratios they used are as follows:

Ravi: 5 : 8
Meera: 7 : 12
Anil: 9 : 16
Sita: 6 : 9

Who used the most fruit in proportion to water?

- Ans 1. Meera
 2. Anil
 3. Sita
 4. Ravi

Q.9 A pump can fill a tank in 3 hours. Due to a leak, it takes 4 hours to fill the tank. Find the time in which the leak alone can empty the full tank.

- Ans 1. 10 hours
 2. 9 hours
 3. 12 hours
 4. 11 hours

Q.10 A tank is filled in 6 hours by three pipes P, Q and R. Pipe R is thrice as fast as Q and Q is thrice as fast as P. How much time will pipe Q alone take to fill the tank?

- Ans 1. 24 hours
 2. 26 hours
 3. 27 hours
 4. 25 hours

Q.11 Select the correct option.

- Ans
- 1. $\frac{2}{3} > \frac{3}{4}$
 - 2. $\frac{1}{2} < \frac{1}{3}$
 - 3. $\frac{1}{2} < \frac{2}{3}$
 - 4. $\frac{1}{4} > \frac{1}{3}$

Q.12 There are two stations, A and B, 1440 km apart. A train starts from station A at 7 a.m. and moves at a speed of 100 km/hr towards station B. At 1 p.m., another train starts from B towards A and moves at a speed of 110 km/hr. When do they meet?

- Ans
- 1. 5 p.m.
 - 2. 7 p.m.
 - 3. 4 p.m.
 - 4. 6 p.m.

Q.13 A student sells his old laptop at a loss of 70%. If the selling price of the laptop is ₹27,000, what is its cost price?

- Ans
- 1. ₹94,000
 - 2. ₹67,000
 - 3. ₹90,000
 - 4. ₹87,000

Q.14 A person travels 180 km at 60 km/h, rests for 30 minutes, then returns 180 km at 90 km/h. What is the average speed including the rest time? (Round off your answer to two decimal places)

- Ans
- 1. 75.35 km/h
 - 2. 60.25 km/h
 - 3. 65.45 km/h
 - 4. 68.75 km/h

Q.15 The difference between the marked price and the selling price is ₹870. If the marked price is ₹2,900, what is the discount percentage?

- Ans
- 1. 40%
 - 2. 30%
 - 3. 50%
 - 4. 20%

Q.16 The diameter of a conical pit is 7 m and its depth is 15 m. Find its capacity in kilolitres. (Use $\pi = \frac{22}{7}$)

- Ans
- 1. 185.5 kilolitres
 - 2. 182.5 kilolitres
 - 3. 192.5 kilolitres
 - 4. 172.5 kilolitres

Q.17 A boat travels 40 km downstream and 40 km upstream in the same time it would take to go 100 km downstream. If the speed of the stream is 3 km/h, find the speed of the boat in still water.

- Ans
- 1. 20 km/h
 - 2. 12 km/h
 - 3. 15 km/h
 - 4. 18 km/h

Q.18 एक टैंक में दो इनलेट पाइप (A और B) और एक आउटलेट पाइप (C) लगे हुए हैं। पाइप A टैंक को 4 घंटे में भर सकता है, पाइप B उसे 6 घंटे में भर सकता है तथा पाइप C उसे 8 घंटे में खाली कर सकता है। यदि सभी पाइपों को एकसाथ 3 घंटे के लिए खोल दिया जाए, और फिर पाइप B और C को बंद कर दिया जाए, तो टैंक को पूरी तरह भरने में कुल कितना समय लगेगा?

- Ans 1. 3.5 घंटे
 2. 3.25 घंटे
 3. 3.75 घंटे
 4. 4.25 घंटे

Q.19 A solid sphere of radius 7 cm is melted and recast into 343 identical small spheres. Find the ratio of the total surface area of all the small spheres taken together to the surface area of the original sphere.

- Ans 1. 21 : 1
 2. 343 : 1
 3. 49 : 1
 4. 7 : 1

Q.20 In a mixture, alcohol and water are in the ratio 3 : 5. If the quantity of alcohol in the mixture is 48 litres, what is the total quantity of the mixture?

- Ans 1. 128 litres
 2. 80 litres
 3. 96 litres
 4. 112 litres

Section : Test of English Language and Comprehension

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

Radhika arrived _____ the airport five hours before her flight.

- Ans 1. in
 2. at
 3. on
 4. to

Q.2 In the following sentence, the underlined preposition does not fit. Select the correct word from the options provided to replace the underlined word.

Both the sisters are equally pretty but the elder among the two is more intelligent.⁴¹⁴¹

- Ans 1. in
 2. of
 3. between
 4. off

Q.3 Choose the most appropriate option to fill in the given blank.

Only ___ students were present in class due to the heavy rain.

- Ans 1. little
 2. much
 3. a few
 4. many

Q.4 Select the appropriate option to complete the sentence.
He is ___ only person who knows the secret.1625

- Ans**
- 1. a
 - 2. the
 - 3. an
 - 4. that

Q.5 Fill in the blank with the most appropriate option.

She _____ the gift carefully and opened it with excitement.

- Ans**
- 1. broke
 - 2. unwrapped
 - 3. completed
 - 4. rang

Q.6 In the given question, a statement divided into different segments is given.
Rearrange all the segments to form a coherent statement.

- (A) nutrition, making excessive
- (B) intake harmful to health over time
- (C) for its taste but lacks proper
- (D) junk food is often consumed

- Ans**
- 1. DCAB
 - 2. ABCD
 - 3. CADB
 - 4. BCDA

Q.7 In the following sentence, the underlined verb does not fit. Select the correct verb from the options provided to replace the underlined word.

The earth moving around the sun.4153

- Ans**
- 1. had moved
 - 2. is moved
 - 3. moves
 - 4. has been moving

Q.8 Complete the following sentence choosing the appropriate option relating to the use of articles.

The company wanted ___ MBA graduate to work in ___ village as ___ project leader.1359

- Ans**
- 1. a, a, a
 - 2. an, an, an
 - 3. a, an, a
 - 4. an, a, a

Q.9 A sentence is divided into different segments. The first segment is fixed, rearrange the other segments to form a coherent statement.

The witch hunts offer a sobering reminder that

- A. features of human society
- B. delusion and misinformation are recurring
- C. change and social upheaval
- D. especially during times of technological

Ans 1. DBAC
 2. DABC
 3. BADC
 4. BACD

Q.10 Select the most appropriate option to substitute the underlined word in the given sentence to make it correct.

A transparent cold rain was falling, mingled with snow.

2723

Ans 1. persistent
 2. contingent
 3. succulent
 4. lenient

Q.11 In the following sentence, the underlined preposition does not fit. Select the correct word from the options provided to replace the underlined word.

He climbed from the ladder to reach the ceiling.4140

Ans 1. upon
 2. at
 3. for
 4. up

Q.12 Select the most appropriate article to fill in the blank.

___ unexpected letter arrived at the doorstep, and everyone was surprised after seeing the royal seal on it. 1486

Ans 1. A
 2. An
 3. The
 4. No article required

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

The committee is looking for ___ unanimous decision on the new policy.1356

Ans 1. an
 2. the
 3. a
 4. No article needed

Q.14 Rectify the given sentence by choosing the most appropriate adverb from the options.

She was (much) disappointed with the outcome of the event, as it did not meet her expectations.

- Ans**
- 1. fairly
 - 2. rather
 - 3. instead
 - 4. moreover

Q.15 Select the most appropriate option to fill in the blank.

The FECforlife foundation set up learning centres close _____ slum communities.

- Ans**
- 1. into
 - 2. with
 - 3. to
 - 4. under

Comprehension:

Read the passage carefully and answer the questions that follow.

Sensible work practices are an important factor in the prevention of muscular fatigue; discomfort or pain in the arms, neck, hands or back; or eye strain which can be associated with constant or regular work at a keyboard and visual display unit. It is vital that the employer pays attention to the physical setting such as workplace design, the office environment, and placement of monitors as well as the organization of the work and individual work habits. Operators must be able to recognize work-related health problems and be given the opportunity to participate in the management of these. Operators should take note of and follow the preventive measures outlined below. The typist must be comfortably accommodated in a chair that is adjustable for height with a back rest that is also easily adjustable both for angle and height. The back rest and sitting ledge should preferably be cloth-covered to avoid excessive perspiration.

SubQuestion No : 16

Q.16 What health problems can result from regular work at a keyboard and display unit?

Comprehension:

Read the passage carefully and answer the questions that follow.

Sensible work practices are an important factor in the prevention of muscular fatigue; discomfort or pain in the arms, neck, hands or back; or eye strain which can be associated with constant or regular work at a keyboard and visual display unit. It is vital that the employer pays attention to the physical setting such as workplace design, the office environment, and placement of monitors as well as the organization of the work and individual work habits. Operators must be able to recognize work-related health problems and be given the opportunity to participate in the management of these. Operators should take note of and follow the preventive measures outlined below. The typist must be comfortably accommodated in a chair that is adjustable for height with a back rest that is also easily adjustable both for angle and height. The back rest and sitting ledge should preferably be cloth-covered to avoid excessive perspiration.

SubQuestion No : 17

Q.17 What aspects of the workplace should the employer pay attention to?

Comprehension:

Read the passage carefully and answer the questions that follow.

Sensible work practices are an important factor in the prevention of muscular fatigue; discomfort or pain in the arms, neck, hands or back; or eye strain which can be associated with constant or regular work at a keyboard and visual display unit. It is vital that the employer pays attention to the physical setting such as workplace design, the office environment, and placement of monitors as well as the organization of the work and individual work habits. Operators must be able to recognize work-related health problems and be given the opportunity to participate in the management of these. Operators should take note of and follow the preventive measures outlined below. The typist must be comfortably accommodated in a chair that is adjustable for height with a back rest that is also easily adjustable both for angle and height. The back rest and sitting ledge should preferably be cloth-covered to avoid excessive perspiration.

SubQuestion No : 18

Q.18 Select the appropriate tone for the passage.

Comprehension:

Read the passage carefully and answer the questions that follow.

Sensible work practices are an important factor in the prevention of muscular fatigue; discomfort or pain in the arms, neck, hands or back; or eye strain which can be associated with constant or regular work at a keyboard and visual display unit. It is vital that the employer pays attention to the physical setting such as workplace design, the office environment, and placement of monitors as well as the organization of the work and individual work habits. Operators must be able to recognize work-related health problems and be given the opportunity to participate in the management of these. Operators should take note of and follow the preventive measures outlined below. The typist must be comfortably accommodated in a chair that is adjustable for height with a back rest that is also easily adjustable both for angle and height. The back rest and sitting ledge should preferably be cloth-covered to avoid excessive perspiration.

SubQuestion No : 19

Q.19 What does 'muscular fatigue' most likely mean?

Comprehension:

Read the passage carefully and answer the questions that follow.

Sensible work practices are an important factor in the prevention of muscular fatigue; discomfort or pain in the arms, neck, hands or back; or eye strain which can be associated with constant or regular work at a keyboard and visual display unit. It is vital that the employer pays attention to the physical setting such as workplace design, the office environment, and placement of monitors as well as the organization of the work and individual work habits. Operators must be able to recognize work-related health problems and be given the opportunity to participate in the management of these. Operators should take note of and follow the preventive measures outlined below. The typist must be comfortably accommodated in a chair that is adjustable for height with a back rest that is also easily adjustable both for angle and height. The back rest and sitting ledge should preferably be cloth-covered to avoid excessive perspiration.

SubQuestion No : 20

Q.20 Which of the following best summarizes the passage?

Section : Test of English Language and Comprehension1

Q.1 Choose the correct option for the given group of words.

An extreme fear of spiders

6373

- Ans**
- 1. Agoraphobia
 - 2. Arachnophobia
 - 3. Acrophobia
 - 4. Xenophobia

Q.2 Choose the word that is most similar in meaning to "nefarious".

- Ans**
- 1. Cautious
 - 2. Honourable
 - 3. Mysterious
 - 4. Wicked

Q.3 What is the correct meaning of the proverb 'Actions speak louder than words'?

- Ans**
- 1. Promises are always kept.
 - 2. Writing is more powerful than speaking.
 - 3. What people do is more important than what they say.
 - 4. Speaking clearly is better than acting.

Q.4 Choose the synonym of 'Tenacious'.

- Ans**
- 1. Carefree
 - 2. Persistent
 - 3. Hesitant
 - 4. Timid

Q.5 Choose the meaning of the underlined proverb in the given sentence.

Even though he performed poorly in the presentation, he tried to blame his tools, saying the projector didn't work properly.

- Ans
- 1. Appreciate available resources
 - 2. Acknowledge one's mistake
 - 3. Make excuses for poor performance
 - 4. Rely on modern technology

Q.6 Select the wrongly spelt word.

- Ans
- 1. Intermittent
 - 2. Enfranchis
 - 3. Rampant
 - 4. Utilities

Q.7 Identify the antonym of 'immaculate'.

- Ans
- 1. timid
 - 2. unclean
 - 3. certainly
 - 4. clean

Q.8 Choose the most appropriate option to substitute the underlined words in the given sentence.

The park area's wide range of plants created a colourful and beautiful landscape that drew many visitors.6076

- Ans
- 1. flora
 - 2. amphora
 - 3. fauna
 - 4. agora

Q.9 What does the proverb "Fortune favours the bold" mean?

- Ans
- 1. Cautious people succeed more often than not
 - 2. Brave people who take risks are more likely to succeed
 - 3. Taking risks always leads to failure and disappointment
 - 4. Fortune comes only to the hard working and lucky

Q.10 Parts of a sentence are given below. The first part (A) is in the correct order, while the other parts of the sentence (B, C, D, E) are jumbled up. Arrange the parts in the correct order to form a meaningful and coherent sentence.

- A. The biologist investigated
- B. in migratory birds
- C. seasonal variation
- D. in behavioral
- E. patterns

- Ans
- 1. BCDE
 - 2. CBDE
 - 3. CDEB
 - 4. BDCE

Q.11 Select the meaning of the word ELUSIVE from the given options.

- Ans
- 1. Silent
 - 2. Secure
 - 3. Available
 - 4. Slippery

Q.12 Select the option that rectifies the INCORRECTLY spelt word underlined in the given sentence.

The medicine was administered in an inconveinient manner.

- Ans
- 1. Inconvenient
 - 2. Inconvent
 - 3. Inconvanient
 - 4. Incanvenient

Q.13 Select the appropriate term (one word) for the given expression.
One who does a thing for pleasure and not as a profession⁸⁴⁰

- Ans
- 1. Amateur
 - 2. Arbitrator
 - 3. Professional
 - 4. Amicable

Q.14 Choose the appropriate word from the options given below to substitute the given group of words
One who is a travelling salesman

- Ans
- 1. Captain
 - 2. Masseur
 - 3. Optician
 - 4. Bagman

Q.15 Select the option that provides the correct meaning of the given proverb.

Too many cooks spoil the broth

- Ans
- 1. A meal tastes better with many ingredients
 - 2. Too many people involved can ruin a task
 - 3. Teamwork always leads to success
 - 4. Cooking should be done in groups

Comprehension:

Read the passage carefully and answer the questions that follow.

No very satisfactory account of the mechanism that caused the formation of the ocean basins has yet been given. The traditional view supposes that the upper mantle of the earth behaves as a liquid when it is subjected to small forces for long periods and that differences in temperature under oceans and continents are sufficient to produce convection in the mantle of the earth with rising convection currents under the mid-ocean ridges and sinking currents under the continents. Theoretically, this convection would carry the continental plates along as though they were on a conveyor belt and would provide the forces needed to produce the split that occurs along the ridge. This view may be correct: it has the advantage that the currents are driven by temperature differences that themselves depend on the position of the continents. Such back-coupling, where a plate's position influences the forces driving it, may result in complex and variable motions.

SubQuestion No : 16

Q.16 According to the passage, what has not yet been fully explained?

Comprehension:

Read the passage carefully and answer the questions that follow.

No very satisfactory account of the mechanism that caused the formation of the ocean basins has yet been given. The traditional view supposes that the upper mantle of the earth behaves as a liquid when it is subjected to small forces for long periods and that differences in temperature under oceans and continents are sufficient to produce convection in the mantle of the earth with rising convection currents under the mid-ocean ridges and sinking currents under the continents. Theoretically, this convection would carry the continental plates along as though they were on a conveyor belt and would provide the forces needed to produce the split that occurs along the ridge. This view may be correct: it has the advantage that the currents are driven by temperature differences that themselves depend on the position of the continents. Such back-coupling, where a plate's position influences the forces driving it, may result in complex and variable motions.

SubQuestion No : 17

Q.17 What is believed to drive the convection currents in the mantle?

Comprehension:

Read the passage carefully and answer the questions that follow.

No very satisfactory account of the mechanism that caused the formation of the ocean basins has yet been given. The traditional view supposes that the upper mantle of the earth behaves as a liquid when it is subjected to small forces for long periods and that differences in temperature under oceans and continents are sufficient to produce convection in the mantle of the earth with rising convection currents under the mid-ocean ridges and sinking currents under the continents. Theoretically, this convection would carry the continental plates along as though they were on a conveyor belt and would provide the forces needed to produce the split that occurs along the ridge. This view may be correct: it has the advantage that the currents are driven by temperature differences that themselves depend on the position of the continents. Such back-coupling, where a plate's position influences the forces driving it, may result in complex and variable motions.

SubQuestion No : 18

Q.18 Select the central theme of the passage.

Comprehension:

Read the passage carefully and answer the questions that follow.

No very satisfactory account of the mechanism that caused the formation of the ocean basins has yet been given. The traditional view supposes that the upper mantle of the earth behaves as a liquid when it is subjected to small forces for long periods and that differences in temperature under oceans and continents are sufficient to produce convection in the mantle of the earth with rising convection currents under the mid-ocean ridges and sinking currents under the continents. Theoretically, this convection would carry the continental plates along as though they were on a conveyor belt and would provide the forces needed to produce the split that occurs along the ridge. This view may be correct: it has the advantage that the currents are driven by temperature differences that themselves depend on the position of the continents. Such back-coupling, where a plate's position influences the forces driving it, may result in complex and variable motions.

SubQuestion No : 19

Q.19 What is the most suitable title for the passage?

Comprehension:

Read the passage carefully and answer the questions that follow.

No very satisfactory account of the mechanism that caused the formation of the ocean basins has yet been given. The traditional view supposes that the upper mantle of the earth behaves as a liquid when it is subjected to small forces for long periods and that differences in temperature under oceans and continents are sufficient to produce convection in the mantle of the earth with rising convection currents under the mid-ocean ridges and sinking currents under the continents. Theoretically, this convection would carry the continental plates along as though they were on a conveyor belt and would provide the forces needed to produce the split that occurs along the ridge. This view may be correct: it has the advantage that the currents are driven by temperature differences that themselves depend on the position of the continents. Such back-coupling, where a plate's position influences the forces driving it, may result in complex and variable motions.

SubQuestion No : 20

Q.20 What does the passage imply about the scientific understanding of ocean basin formation?

- Q.1 निम्नलिखित विकल्पों में से उपयुक्त क्रिया का चयन कर रिक्त स्थान की पूर्ति कीजिए-
'किसान ने जब गाड़ी पर अनाज____, तब गाँव वाले आश्चर्यचकित हो गए क्योंकि वह बोझ इतना भारी था कि पाँच मजदूर भी उसे हिला न पाते।'
- Ans 1. चलाया
 2. भिगोया
 3. तौला
 4. लादा
- Q.2 उपयुक्त क्रिया का चयनकर दिए गए वाक्य को पूर्ण कीजिए।
कृष्ण ने वंशी।
- Ans 1. बजाई
 2. सजाई
 3. दौड़ाई
 4. खिलाई
- Q.3 निम्नलिखित विकल्पों में से उपयुक्त क्रिया का चयन कर रिक्त स्थान की पूर्ति कीजिए-
'भारी बारिश में अनेक गाड़ियाँ पानी में____ गई हैं।'
- Ans 1. दौड़
 2. फँस
 3. दब
 4. उड़
- Q.4 दिए गए वाक्यों के लिखने का सही क्रम चुनें-
(1)नाटकों में उन्होंने ऐतिहासिक इतिवृत्त को सजीव और सुन्दर सकारता दी है।
(2)हिन्दी साहित्य में प्रसाद जी की देन विविधरूपी हैं।
(3)प्रसाद जी हिन्दी साहित्य के अद्वितीय साहित्यकार हैं।
(4)उन्होंने कहानियों में अनुभव की रेखाओं में भाव भर दिया है।
- Ans 1. 3241
 2. 3412
 3. 2431
 4. 3124
- Q.5 दिए गए वाक्यों के लिखने का सही क्रम चुनें-
(1)मीरा कृष्ण की अनन्य भक्त थी।
(2)कृष्ण प्रेम में उन्हें अनेक बाधाओं का सामना करना पड़ा था।
(3)पर मीरा अपने मार्ग पर डटी रही।
(4)कृष्ण के प्रति प्रेम का बीजारोपण उनके बचपन में ही हो गया था।
- Ans 1. 2134
 2. 1423
 3. 1432
 4. 3421
- Q.6 दिए गए वाक्यों के लिखने का सही क्रम चुनें-
(1)दृढ़ संकल्प और निरंतर प्रयास ही सफलता की कुंजी है।
(2)कई लोग असफलता से डरकर प्रयास करना छोड़ देते हैं।
(3)जीवन संघर्षों का नाम है।
(4)जबकि हार ही हमें जीत का असली मार्ग दिखाती है।
- Ans 1. 2314
 2. 2134
 3. 3124
 4. 3421

Q.7 'अंत भला तो सब भला' लोकोक्ति का सही अर्थ होगा -

- Ans 1. परिणाम अच्छा हो जाए तो सब कुछ अच्छा माना जाता है
 2. थोड़े दिन की शान-शौकत
 3. अभी कसर है
 4. आय से अधिक खर्च

Q.8 "जिसपर विश्वास न हो"- वाक्यांश के लिए एक शब्द क्या होगा?

- Ans 1. विश्वासघाती
 2. अविश्वसनीय
 3. अविश्रान्त
 4. कृतघ्न

Q.9 उपयुक्त 'कारक' चिह्न का चयन कर नीचे दिए गए वाक्य को पूर्ण कीजिए।
 'प्रिय को सरोजिनीमिलना है।'

- Ans 1. अरे
 2. से
 3. ने
 4. के

Q.10 निम्नलिखित तीन वाक्य भविष्य काल के हैं, एक अतिरिक्त है, उसे बताएं -

- Ans 1. मैं पुस्तकालय में जाकर पढ़ूँगा।
 2. कल से नए अध्यापक बच्चों को पढ़ाएंगे।
 3. मिताली कल डॉक्टर से दवाई लेने गई थी।
 4. रवि कल अपने घर जाएगा।

Q.11 उपयुक्त क्रिया का चयनकर दिए गए वाक्य को पूर्ण कीजिए।
 आनंद ने हम सबको।

- Ans 1. खुदवाया
 2. निराया
 3. पोतवाया
 4. बचाया

Q.12 'जो स्त्री विद्वान हो' वाक्यांश के लिए उचित सार्थक शब्द क्या होगा?

- Ans 1. विधवा
 2. विजित
 3. विधुर
 4. विदुषी

Q.13 निम्न में से अतिरिक्त वाक्य पहचानें--

- Ans 1. मुझे अँधेरे में डर लगता है इसलिए मैंने अपना रास्ता लिया।
 2. पहाड़ों की यात्रा पर जाना मेरा सुखद अनुभव था।
 3. वहाँ के प्राकृतिक दृश्य बहुत सुंदर थे और हवा शुद्ध थी।
 4. जैसे ही मैंने पहाड़ की चोटी से नीचे देखा, मुझे डर लगा।

Q.14 'आँख सुख कलेजे ठंडक' लोकोक्ति का अर्थ है-

- Ans 1. लाइलाज बीमारी
 2. व्यर्थ आडंबर
 3. अपनी कुशल देखो
 4. परम शान्ति

Comprehension:

निर्देश: दिये गए गद्यांश के आधार पर अग्रलिखित प्रश्नों के उत्तर दीजिए।

राष्ट्रीय एकता में व्यक्ति की गरिमा और मानवीय मूल्यों की उपेक्षा नहीं हो सकती, क्योंकि इसके बिना राष्ट्रीयता एक संकीर्ण धारणा है। दरअसल राष्ट्रीयता, मानवीय मूल्य और विश्वबंधुत्व के बीच अंतर्विरोध नहीं है। इसलिए राष्ट्रीयता के दो रूप बताए गए हैं- बहिष्कारपरक राष्ट्रीयता और समावेशी राष्ट्रीयता। बहिष्कारपरक राष्ट्रीयता अंध-राष्ट्रवाद है जो अहंकार और संकीर्णता से पैदा होता है। समावेशी राष्ट्रीयता 'दूसरे' के प्रति उदार रुख, मानवता के मूल्यों में विश्वास और ऐसे वैश्विक खुलेपन को लेकर चलती है, जो विवेक-आधारित होता है। भारतीय संविधान का निर्माण भारतीय राष्ट्र-राज्य की एक ऐसी ही संकल्पना को लेकर हुआ है, जो न सिर्फ स्वाधीनता संग्राम के व्यापक अनुभवों पर आधारित है बल्कि उसमें वैयक्तिकता, राष्ट्रीयता, मानवता और विश्वबोध के बीच एक बुद्धिपरक सामंजस्य है। स्वतंत्रता और समानता के अलावा राष्ट्रीय एकता उसका एक प्रधान सारतत्व है। राष्ट्रीय एकता का निषेध कर संविधान के दूसरे लक्ष्यों की तरफ भी नहीं बढ़ा जा सकता। दूसरी तरफ राष्ट्रीय एकता का अर्थ बहुसंख्यकता द्वारा अल्पसंख्यकों पर अपनी विचारधारा थोपना नहीं होता। यह फासीवाद है जो भारतीय प्रकृति के विरुद्ध है।

SubQuestion No : 20

Q.20 इस गद्यांश का केंद्रीय भाव क्या है?

Section : Test of Hindi Language and Comprehension1

Q.1 वर्तनी के आधार पर दिए गए वाक्य के किस भाग में त्रुटि है?

भाषा की व्युत्पत्ती ध्वनि अनुकरण से मानी जाती है।

- Ans
- 1. मानी जाती है
 - 2. भाषा की
 - 3. ध्वनि अनुकरण से
 - 4. व्युत्पत्ती

Q.2 'ओखली में सिर दिया तो मूसलों से क्या डरना'- लोकोक्ति का उपयुक्त अर्थ चुनिए।

- Ans
- 1. अपनी ताकत का प्रदर्शन करना
 - 2. जोखिम भरे काम में साहस दिखाना
 - 3. जब कठिन काम शुरू कर ही दिया, तो आने वाली बाधाओं से क्या घबराना
 - 4. मूर्खतापूर्ण निर्णय लेना

Q.3 निम्नलिखित वाक्यांश में अनेकार्थी शब्द पहचानिए।

'रहिमन पानी राखिए, बिन पानी सब सून
पानी गए न ऊबरे, मोती, मानस चून

- Ans
- 1. मोती
 - 2. मानस
 - 3. चून
 - 4. पानी

Q.4 दिए गए वाक्य के किस भाग में त्रुटि है?

पूरे विश्व में पूँजीवादी अर्थव्यवस्था है।

- Ans
- 1. विश्व में
 - 2. पूँजीवादी
 - 3. अर्थव्यवस्था है।
 - 4. पूरे

Q.5 निम्न शब्द का विलोम शब्द चुनिए।

पतझड़

- Ans
- 1. झाड़ी
 - 2. बाहर
 - 3. बादल
 - 4. बहार

Q.6 निम्नलिखित में से कौन-सा पर्याय-युग्म सही नहीं है?

- Ans
- 1. संवाद-कथोपकथन
 - 2. जाल-बैठक
 - 3. वार्ता-संभाषण
 - 4. वार्तालाप-बातचीत

Q.7 अपना उल्लू सीधा करना - मुहावरे का सही अर्थ क्या है?

- Ans
- 1. अपना स्वार्थ साधना
 - 2. दूसरों का मज़ाक उड़ाना
 - 3. आनंद मनाना
 - 4. पशुपालन का शौकीन होना

Q.8 'चपला' का अनेकार्थी शब्द क्या है?

- Ans
- 1. इंद्रिय
 - 2. बिजली
 - 3. नष्ट होना
 - 4. मैला

Q.9 निम्न में से 'नाई' शब्द का तत्सम रूप कौन-सा है ?

- Ans
- 1. नापित
 - 2. नृत्य
 - 3. नमन
 - 4. नवति

Q.10 'अंगीकार' का विलोम शब्द होगा-

- Ans
- 1. अंग
 - 2. अँगोछा
 - 3. स्वीकार
 - 4. अस्वीकार

Q.11 वर्तनी के आधार पर वाक्य के किस भाग में त्रुटि है?
पुरस्कार समरोह में सभी विजेताओं को सम्मानित किया गया।

- Ans
- 1. पुरस्कार
 - 2. समरोह में
 - 3. सम्मानित किया गया।
 - 4. सभी विजेताओं को

Q.12 'पराई थेली का मुँह संकरा' कहावत का अर्थ है -

- Ans
- 1. अपना धन कोई आसानी से नहीं देना चाहता
 - 2. खुद से ज्यादा दूसरे का काम निंदनीय लगता है
 - 3. दूसरों की चीज ज्यादा अच्छी लगती है
 - 4. दूसरों के धन की इच्छा सबको होती है

Q.13 निम्नलिखित वाक्य में अशुद्ध वर्तनी वाले शब्द की पहचान कीजिए-
जब नृत्यांगना ने मंच पर प्रवेश किया, तब उसके पैरों में बंधे नुपुरों की मधुर ध्वनि वातावरण को आनंद और सौंदर्य से भरने लगी।

- Ans
- 1. सौंदर्य
 - 2. नृत्यांगना
 - 3. बंधे
 - 4. नुपुरों

Q.14 निम्न शब्द का पर्यायवाची शब्द चुनिए ।

इंद्राणी

Ans 1. रुचि

2. शची

3. सांची

4. रांची

Q.15 निम्न में से 'पंगत' शब्द का तत्सम रूप कौन-सा है ?

Ans 1. पक्ष

2. पंक्ति

3. पथ्य

4. पक्षी

Comprehension:

दिए गए गद्यांश के आधार पर निम्नलिखित प्रश्नों के उत्तर लिखिए

वैश्वीकरण ने संस्कृति के क्षेत्र में भी व्यापक प्रभाव डाला है। विभिन्न देशों की सांस्कृतिक धारणाएँ, खान-पान, पहनावा और जीवनशैली एक-दूसरे में घुलने-मिलने लगी हैं, जिससे लोगों में नई सोच और दृष्टिकोण का विकास हुआ है। परंतु इस सांस्कृतिक वैश्वीकरण के कारण स्थानीय भाषाओं, लोक कलाओं, पारंपरिक रीति-रिवाजों और मूल्यों पर संकट उत्पन्न हो गया है। युवा वर्ग विदेशी संस्कृति को अपनाने में गर्व महसूस करता है, जिससे उनकी सांस्कृतिक पहचान कमजोर पड़ने लगी है। पारंपरिक संगीत, नृत्य और लोक साहित्य का महत्व कम होता जा रहा है। आधुनिकता की होड़ में लोग अपनी संस्कृति की जड़ों से दूर होते जा रहे हैं। हमें वैश्वीकरण को स्वीकार करते हुए अपनी सांस्कृतिक विरासत और भाषाओं की रक्षा करनी चाहिए ताकि हमारी पहचान सुरक्षित रह सके और सांस्कृतिक विविधता कायम रह सके। यह आवश्यक है कि हम आधुनिकता और परंपरा के बीच संतुलन बनाए रखें ताकि समाज में समृद्धि और आत्मिक शांति बनी रहे।

SubQuestion No : 16

Q.16 वैश्वीकरण ने संस्कृति के क्षेत्र में किस प्रकार का प्रभाव डाला है?

Comprehension:

दिए गए गद्यांश के आधार पर निम्नलिखित प्रश्नों के उत्तर लिखिए

वैश्वीकरण ने संस्कृति के क्षेत्र में भी व्यापक प्रभाव डाला है। विभिन्न देशों की सांस्कृतिक धारणाएँ, खान-पान, पहनावा और जीवनशैली एक-दूसरे में घुलने-मिलने लगी हैं, जिससे लोगों में नई सोच और दृष्टिकोण का विकास हुआ है। परंतु इस सांस्कृतिक वैश्वीकरण के कारण स्थानीय भाषाओं, लोक कलाओं, पारंपरिक रीति-रिवाजों और मूल्यों पर संकट उत्पन्न हो गया है। युवा वर्ग विदेशी संस्कृति को अपनाने में गर्व महसूस करता है, जिससे उनकी सांस्कृतिक पहचान कमजोर पड़ने लगी है। पारंपरिक संगीत, नृत्य और लोक साहित्य का महत्व कम होता जा रहा है। आधुनिकता की होड़ में लोग अपनी संस्कृति की जड़ों से दूर होते जा रहे हैं। हमें वैश्वीकरण को स्वीकार करते हुए अपनी सांस्कृतिक विरासत और भाषाओं की रक्षा करनी चाहिए ताकि हमारी पहचान सुरक्षित रह सके और सांस्कृतिक विविधता कायम रह सके। यह आवश्यक है कि हम आधुनिकता और परंपरा के बीच संतुलन बनाए रखें ताकि समाज में समृद्धि और आत्मिक शांति बनी रहे।

SubQuestion No : 17

Q.17 गद्यांश में युवा वर्ग किस चीज को अपनाने में गर्व महसूस कर रहा है?

Comprehension:

दिए गए गद्यांश के आधार पर निम्नलिखित प्रश्नों के उत्तर लिखिए

वैश्वीकरण ने संस्कृति के क्षेत्र में भी व्यापक प्रभाव डाला है। विभिन्न देशों की सांस्कृतिक धारणाएँ, खान-पान, पहनावा और जीवनशैली एक-दूसरे में घुलने-मिलने लगी हैं, जिससे लोगों में नई सोच और दृष्टिकोण का विकास हुआ है। परंतु इस सांस्कृतिक वैश्वीकरण के कारण स्थानीय भाषाओं, लोक कलाओं, पारंपरिक रीति-रिवाजों और मूल्यों पर संकट उत्पन्न हो गया है। युवा वर्ग विदेशी संस्कृति को अपनाने में गर्व महसूस करता है, जिससे उनकी सांस्कृतिक पहचान कमजोर पड़ने लगी है। पारंपरिक संगीत, नृत्य और लोक साहित्य का महत्व कम होता जा रहा है। आधुनिकता की होड़ में लोग अपनी संस्कृति की जड़ों से दूर होते जा रहे हैं। हमें वैश्वीकरण को स्वीकार करते हुए अपनी सांस्कृतिक विरासत और भाषाओं की रक्षा करनी चाहिए ताकि हमारी पहचान सुरक्षित रह सके और सांस्कृतिक विविधता कायम रह सके। यह आवश्यक है कि हम आधुनिकता और परंपरा के बीच संतुलन बनाए रखें ताकि समाज में समृद्धि और आत्मिक शांति बनी रहे।

SubQuestion No : 18

Q.18 सांस्कृतिक वैश्वीकरण के प्रभाव से किस प्रकार की पहचान कमजोर पड़ रही है?

Comprehension:

दिए गए गद्यांश के आधार पर निम्नलिखित प्रश्नों के उत्तर लिखिए

वैश्वीकरण ने संस्कृति के क्षेत्र में भी व्यापक प्रभाव डाला है। विभिन्न देशों की सांस्कृतिक धारणाएँ, खान-पान, पहनावा और जीवनशैली एक-दूसरे में घुलने-मिलने लगी हैं, जिससे लोगों में नई सोच और दृष्टिकोण का विकास हुआ है। परंतु इस सांस्कृतिक वैश्वीकरण के कारण स्थानीय भाषाओं, लोक कलाओं, पारंपरिक रीति-रिवाजों और मूल्यों पर संकट उत्पन्न हो गया है। युवा वर्ग विदेशी संस्कृति को अपनाने में गर्व महसूस करता है, जिससे उनकी सांस्कृतिक पहचान कमजोर पड़ने लगी है। पारंपरिक संगीत, नृत्य और लोक साहित्य का महत्व कम होता जा रहा है। आधुनिकता की होड़ में लोग अपनी संस्कृति की जड़ों से दूर होते जा रहे हैं। हमें वैश्वीकरण को स्वीकार करते हुए अपनी सांस्कृतिक विरासत और भाषाओं की रक्षा करनी चाहिए ताकि हमारी पहचान सुरक्षित रह सके और सांस्कृतिक विविधता कायम रह सके। यह आवश्यक है कि हम आधुनिकता और परंपरा के बीच संतुलन बनाए रखें ताकि समाज में समृद्धि और आत्मिक शांति बनी रहे।

SubQuestion No : 19

Q.19 गद्यांश में किसके बीच संतुलन बनाए रखने की आवश्यकता बताई गई है?

Comprehension:

दिए गए गद्यांश के आधार पर निम्नलिखित प्रश्नों के उत्तर लिखिए

वैश्वीकरण ने संस्कृति के क्षेत्र में भी व्यापक प्रभाव डाला है। विभिन्न देशों की सांस्कृतिक धारणाएँ, खान-पान, पहनावा और जीवनशैली एक-दूसरे में घुलने-मिलने लगी हैं, जिससे लोगों में नई सोच और दृष्टिकोण का विकास हुआ है। परंतु इस सांस्कृतिक वैश्वीकरण के कारण स्थानीय भाषाओं, लोक कलाओं, पारंपरिक रीति-रिवाजों और मूल्यों पर संकट उत्पन्न हो गया है। युवा वर्ग विदेशी संस्कृति को अपनाने में गर्व महसूस करता है, जिससे उनकी सांस्कृतिक पहचान कमजोर पड़ने लगी है। पारंपरिक संगीत, नृत्य और लोक साहित्य का महत्व कम होता जा रहा है। आधुनिकता की होड़ में लोग अपनी संस्कृति की जड़ों से दूर होते जा रहे हैं। हमें वैश्वीकरण को स्वीकार करते हुए अपनी सांस्कृतिक विरासत और भाषाओं की रक्षा करनी चाहिए ताकि हमारी पहचान सुरक्षित रह सके और सांस्कृतिक विविधता कायम रह सके। यह आवश्यक है कि हम आधुनिकता और परंपरा के बीच संतुलन बनाए रखें ताकि समाज में समृद्धि और आत्मिक शांति बनी रहे।

SubQuestion No : 20

Q.20 आधुनिकता और परंपरा में संतुलन रखने से समाज में क्या बना रहता है?