Q1. Who has been appointed as the chairperson of Nasscom for 2023-24?
(a) Anant Maheshwari
(b) Satya Nadella
(c) Sundar Pichai
(d) Shantanu Narayen

Q2. Which state's Swachh Bharat Mission (Urban) has been awarded the HUDCO Award for 2022-2023?
(a) Maharashtra
(b) Uttar Pradesh
(c) Tamil Nadu
(d) Karnataka

Q3. Which organization has awarded the Global Gold Award 2023 to Power Grid Corporation of India Ltd (PGCIL)?
(a) The Green Organization
(b) World Wildlife Fund
(c) United Nations Environment Programme
(d) International Union for Conservation of Nature

Q4. Who is organizing the International Conference on 'Optimising Human Capital of Armed Forces: Psychological Perspective'?
(a) The Indian Army
(b) The Indian Air Force
(c) The Defence Institute of Psychological Research
(d) The Ministry of Defence

Q5. PM Modi will attend the 20th anniversary of the State Wide Attention on Grievances by Application of Technology (SWAGAT) initiative in Gujarat via video conferencing on April 27. What is the aim of the SWAGAT initiative?
(a) To provide citizens with free healthcare services
(b) To improve the quality of education in Gujarat
(c) To act as a bridge between citizens and the government by solving their grievances using technology
(d) To promote tourism in Gujarat

Q6. Which of the following is related to the Tinkathiya Pratha?
(a) Champaran
(b) Kheda
(c) Bardoli
(d) Darbhanga

Q7. Which of the following work is not credited to Lord Dalhousie?
(a) Merger of Punjab
(b) Merger of Bengal
(c) Merger of Mysore
(d) Merger of Satara

Q8. What is 'Harit Sagar' launched recently?
(a) A new port
(b) A set of guidelines for sustainable port practices
(c) A campaign to reduce carbon emissions in the infrastructural industry
(d) A program for waste management in ports

Q9. The paintings normally are made of village scenes, human and animal forms, god & goddess ?
(a) Maryan art
(b) Patna kalam
(c) Madhubani
(d) Darbhanga

Q10. In which place is the annual Great Prayer Festival, " Ladakh Monlam Chenmo," being celebrated?
(a) Leh
(b) Ladakh
(c) Srinagar
(d) Kargil

Q11. Direction: There are statement(s) which are followed by conclusion(s). Choose the conclusion which logically follow from the given statements
Statement: Domestic demand has been increasing faster than the production of indigenous crude oil.
Conclusion:
I. Crude oil must be imported
II. Domestic demand should be reduced
Options:
(a) If only conclusion I follows;
(b) If only conclusion II follows;
(c) If either I or II follows;
(d) If neither I nor II follows;

Q12. In a certain language, 'MEI TOH CHALA' is coded as 'mo to yo', 'CHALA YE BHI' is coded as 'ao mo xo', 'MEI PAR NAHI' is coded as 'ho yo to', What is the code for 'YE MEI BHI' in that language?
(a) ao to xo
(b) ho to yo
(c) mo to ao
(d) ao xo yo

Q13. How is Ravi related to the daughter of daughter-in-law of wife of Ravi's father.
(a) Husband
(b) Son
(c) Father
(d) Grand Father

Q14. Fill in the blanks to make a proper order:
         a___bc____a_bcdaabc___aa___cd
(a) acbdd
(b) adbcb
(c) cabdd
(d) adadb

Q15. In the following question, correct the given equation by interchanging by two numbers.
$8 \times 3 \div 4 + 9 - 5 = 16$
(a) 3 and 4
(b) 4 and 8
(c) 5 and 3
(d) 5 and 9

Q16. In the following question select the missing number from the given series.
7, 19, 42, 87, ?
(a) 136
(b) 176
(c) 172
(d) 216

Q17. Pearl tower is taller than sky tower but shorter than unity tower. Unity tower and cyber tower both have the same height. Pearl tower is shorter than Indus tower. Amongst the buildings, which is the second shortest?
(a) pearl tower
(b) sky tower
(c) indus tower
(d) unity tower

Q18. Find the odd one out if three of the following four number pairs are alike in a certain way and one is different.
(a) (14, 6)
(b) (7, 12)
(c) (21, 4)
(d) (41, 2)

Q19. Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follow (s) from the given statements.
A. All mobile are computers
B. Some Computer are laptop
Conclusion
I. Some computers are mobiles
II. no laptop is computer
(a) Both conclusion I and II follow
(b) Only conclusion I follows
(c) Neither Conclusion I nor conclusion II follow
(d) Only Conclusion II follows

Q20. 'Tired' is related to 'Exhausted' in the same way as 'Sad' is related to '_____'.
(a) Emotional
(b) Withdrawn
(c) Depressed
(d) Regret

Q21. What does the abbreviation "HTML" stand for?
(a) Hyper Transfer Markup Language
(b) Hyper Text Markup Language
(c) Hyper Technical Markup Language
(d) None of the above

Q22. What does the abbreviation "PDF" stand for?
(a) Printable Document Format
(b) Portable Document Format
(c) Perfect Document Format
(d) Public Document Format

Q23. Choose the correct option
Assertion: The internet is a global network of interconnected computer networks.
Reason: The internet allows for the transfer of data and communication between devices and users around the world.
(a) Both Assertion and Reason are true, and the Reason is the correct explanation for the Assertion.
(b) Both Assertion and Reason are true, but the Reason is not the correct explanation for the Assertion.
(c) Assertion is true, but the Reason is false.
(d) Assertion is false, but the Reason is true.

Q24. Choose the correct option
Assertion: Intranets are similar to the internet in terms of functionality and design.
Reason: Intranets are designed to be accessible to anyone with an internet connection.
(a) Both Assertion and Reason are true, and the Reason is the correct explanation for the Assertion.
(b) Both Assertion and Reason are true, but the Reason is not the correct explanation for the Assertion.
(c) Assertion is true, but the Reason is false.
(d) Assertion is false, but the Reason is true.

Q25. Choose the correct statement(s) regarding email in ICT:
Statement 1: Email stands for Electronic Mail and is a method of exchanging digital messages over the internet or other computer networks.
Statement 2: Email can only be accessed using a computer or laptop.
Statement 3: Email can be used to send and receive text, images, videos, and other digital files.
(a) Statement 1 only
(b) Statement 1 and 2
(c) Statement 1 and 3
(d) All of the above

Q26. Which of the following is an advantage of video conferencing in ICT?
(a) It is only accessible to a limited number of participants
(b) It requires expensive equipment
(c) It allows for remote collaboration and communication
(d) It is not reliable and often has technical difficulties

Q27. Which of the following is a feature of most video conferencing software in ICT?
(a) Only one person can speak at a time
(b) It does not allow for screen sharing
(c) It has limited compatibility with different devices and operating systems
(d) It offers real-time chat and messaging capabilities

Q28. What is the objective of the SWAYAM initiative launched by the Government of India in ICT?
(a) To provide affordable internet services to students in rural areas
(b) To offer free online courses to anyone, anytime and anywhere
(c) To promote the use of digital technologies in classroom teaching
(d) To establish new universities in underdeveloped regions

Q29. Which of the following is a primary objective of e-governance?
(a) To increase transparency and accountability in government operations
(b) To reduce the use of technology in government services
(c) To limit access to government information
(d) To decrease citizen engagement in government affairs

Q30. Which government scheme aims to provide digital literacy to rural India?
(a) Digital India Programme
(b) Pradhan Mantri Gramin Digital Saksharta Abhiyan (PMGDISHA)
(c) Smart Cities Mission
(d) Make in India Initiative

Q31. In the context of assessment, National Education Policy 2020 proposes-
(a) Testing of higher-order skills such as analysis and critical thinking.
(b) Recall-based objective types tests.
(c) Summative methods of assessment.
(d) Learning-for-exams.

Q32. National Education Policy 2020 proposes a shift towards-
(a) learning to learn
(b) rote learning
(c) increase in course content
(d) standardization

Q33. How does technology help a teacher in improving teaching?
(a) Communicating with parents
(b) Using TLM in lessons
(c) Maintaining student records
(d) AV recording and reflecting on teaching

Q34. A five-year-old child can-
(a) hypothesize possible causes and their effects.
(b) design complex experiments to scientifically investigate phenomena.
(c) do symbolic and abstract reasoning.
(d) initiate goal-directed behavior and engage in symbolic play.

Q35. _____ is responsible for primary socialization of children.
(a) School
(b) Religious institutions
(c) Mass media
(d) Family

Q36. In Piagetion's theory, the process in which a child transforms and modifies her schema to make sense of new experience is called-
(a) assimilation
(b) accommodation
(c) conservation
(d) centration

Q37. Identify the reasoning that underlines the stage of 'Social Contract orientation' in Larrence Kolhberg's theory of moral development.
(a) Understanding of ideal reciprocity.
(b) Rules are vital for ensuring societal order.
(c) Laws and rules are flexible instruments for furthering human purposes.
(d) Right action is defined by self-chosen ethical principles of conscience.

Q38. Inclusive Education requires:
(a) Conductive learning environment
(b) Labelling of students
(c) Segregation of students
(d) Strengthening of stereotypes

Q39. Students having Attention Deficit Hyperactivity Disorder (ADHD) can be identified by the challenges they face in:
(a) Comprehending the written text
(b) Continuing on a given task for long
(c) Perceiving and understanding situations
(d) Sustaining sufficient energy levels

Q40. Successful inclusion of students with learning difficulties in reading requires:
(a) Compulsory learning of multiple language subjects
(b) Reasonable exemptions from language subjects
(c) Frequent use of punishment for students
(d) Permanent segregation of these students

निर्देश:(41-45) दिए गए गद्यांश को पढ़कर निम्नलिखित प्रश्नों के उत्तर दीजिए।

मानव सभ्यता पर औद्योगिक क्रांति की धमक अभी थमी भी नहीं कि एक नई तकनीकी क्रांति ने अपने आने की घोषणा कर दी है। 'नैनो - तकनीकी क्रांति' के समर्थक दावा करते हैं कि जब यह अपने पूरे वजूद से आएगी तो धरती का नामोनिशान मिट जाएगा और नैनो रोबोट की स्वनिर्मित फौज पूरी तरह क्षत - विक्षत शव को पलक झपकते ही चुस्त - दुरस्त इंसान में तबदील कर देगी।
दूसरी ओर नैनो - तकनीक की असीमित शक्ति से आशंकित इसके विरोधी इसे मिस्र के पिरमिडों में सोई ममियों से भी ज्यादा अभिशप्त समझते हैं। इन दोनों अतिवादी धारणाओं के बीच इतना अवश्य कहा जा सकता है कि हम तकनीकी क्रांति के एक सर्वथा नए मुहाने पर आ पहुँचे हैं, जिसके बाद उद्योग, चिकित्सा, दूरसंचार, परिवहन सहित हमारे जीवन मे शामिल तमाम तकनीकी जटिलताएँ अपने पुराने अर्थ खो देंगी। इस अभूतपूर्व तकनीकी बदलाव के सामाजिक - सांस्कृतिक निहितार्थ क्या होंगे, यह देखना सचमुच दिलचस्प होगा।
आदमी ने कभी सभ्यता की बुनियाद पत्थर के बेडौल हथियारों से डाली थी, अनगढ़ शिलाओं को छीलकर उन्हें कुल्हाड़ों और भालों की शक्ल में ढाला और इस उपलब्धि ने उत्पादकता की दृष्टि से उसे दूसरे जंतुओं की तुलना में लाभ की स्थिति में ला खड़ा किया। औजारों को बेहतर बनाने का यह सिलसिला आगे कई विस्मयकारी मसलों से गुज़रा और औद्योगिक क्रांति ने तो मनुष्य को मानो प्रकृति के नियंत्रक की भूमिका सौंप दी।
तकनीकी कौशल की हतप्रभ कर देने वाली इस यात्रा में एक बात है, जो पोषण युग के बेढब हथियारों से चमत्कारी माइक्रोचिप निर्माण तक एक जैसी बनी रही। हम अपने औजार, कच्चे माल को तराशकर बनाते हैं। यह सर्वविदित तथ्य है कि सारे पदार्थ परमाणुओं से मिलकर बने हैं, लेकिन पदार्थों के गुण इस बात पर निर्भर करते हैं कि उनमें परमाणुओं को किस तर सजाया गया है। कार्बन के परमाणुओं की एक खास बनावट से कोयला तैयार होता है, तो दूसरी खास बनावट उन्हें हीरे का रूप दे देती है। परमाणु और अणुओं को इकाई मानकर मनचाहा उत्पाद तैयार करना ही 'नैनो - तकनीक' का सार है।

Q41. नैनो तकनीक के वजूद में आने का क्या परिणाम होगा?
(a) बेरोजगारी को बढ़ावा मिलेगा
(b) देश में समृद्धि आएगी
(c) धरती का नामो-निशान मिट जाएगा
(d) सुविधाओं में वृद्धि होगी

Q42. नैनो तकनीक के विरोधी द्वारा इसे मिस्र के पिरमिडों में सोई ममियों से भी ज्यादा अभिशप्त क्यों माना गया?
(a) यह तकनीक संपूर्ण मानव जाति के लिए हानिकारक सिद्ध हो सकती है
(b) यह तकनीक विकास के नए प्रतिमान स्थापित करेगी
(c) यह तकनीक कौशल को बढ़ाने के बजाय घटा देगी
(d) यह तकनीक नए युग में चार चाँद लगा देगी

Q43. मानव प्रकृति का नियंत्रक किस आधार पर बन गया?
(a) औजरों के निर्माण करके
(b) औद्योगिक क्रांति करके
(c) (a) और (b) दोनों
(d) प्रकृति को प्रोत्साहित करके

Q44. गद्यांश के अनुसार 'नैनो-तकनीक' क्या है?
(a) छोटी - छोटी मशीनों का प्रयोग करके बड़ी चीज बनाना
(b) परमाणु और अणुओं को मूलभूत इकाई मानकर इच्छानुसार उत्पाद तैयार करना
(c) परमाणु और अणुओं में भेद न करते हुए इनका प्रयोग उत्पाद बनाने में करना
(d) तकनीक के क्षेत्र में मनुष्य को सर्वाधिक महत्व प्रदान करना

Q45. गद्यांश के अनुसार नैनो तकनीक के महत्व के बारे में कौन - सा कथन सही है?
(a) यह ऐसी तकनीक है, जो मनुष्य की सोच की सीमा बढ़ा देगी
(b) यह मनुष्य के विकास के िए अत्यंत आवश्यक है
(c) यह मनुष्य को केवल विनाश की ओर ले जाएगी
(d) यह ऐसी तकनीक है, जो मनुष्य की सोच को सीमित कर देगी।

Q46. निम्नलिखित में से किस विकल्प में दिये गये शब्द परस्पर पर्यायवाची नहीं हैं?
(a) निशा, यामिनी
(b) नृप, भूप
(c) कमला, पद्मा
(d) वक्ष, मिलिंद

Q47. किस मुहावरे का अर्थ 'स्वयं गलती करके दूसरों को डॉटना' है?
(a) घाट-घाट का पानी पीना
(b) अपने पाँव पर कुल्हाड़ी मारना
(c) अक्ल चकराना
(d) उल्टा चोर कोतवाल को डाँट

Q48. निम्नलिखित में से कौन सा वाक्य शुद्ध नहीं है?

(a) आगामी वर्ष मेरा भाई अमेरिका गया था

(b) बुराई सुनते-सुनते मेरे कान पक गए

(c) मेरी दादी ने मुझे कानपुर बुलाया है

(d) उनकी नजर में अमीर-गरीब बराबर हैं

Q49. 'स्निग्ध' का विलोम शब्द है-

(a) वाचाल

(b) रुक्ष

(c) विषाद

(d) मुक्ति

Q50. 'काठ की हाँडी बार-बार नहीं चढती' लोकोक्ति का अर्थ है-

(a) बुरे दिन हमेशा नहीं रहते

(b) लकड़ी का बर्तन अग्नि से जल सकता है

(c) दुर्भाग्य की मार बार-बार नहीं होती

(d) छल-कपट का व्यवहार हमेशा नहीं चलता है

Directions (51-55): Read the following passage carefully and choose the most appropriate answer to the question out of the four alternatives.

A new report, 'Food and Nutrition Security Analysis, India, 2019', authored by the Government of India and the United Nations World Food Programme, paints a picture of hunger and malnutrition amongst children in large pockets of India. This punctures the image of a nation marching towards prosperity. It raises moral and ethical questions about the nature of a state and society that, after 70 years of independence, still condemns hundreds of millions of its poorest and vulnerable citizens to lives of hunger and desperation. And it once again forces us to ask why despite rapid economic growth, declining levels of poverty, enough food to export, and a multiplicity of government programmes, malnutrition amongst the poorest remains high.

The effects of malnourishment in a small child are not merely physical. A developing brain that is deprived of nutrients does not reach its full mental potential. A study in the Lancet notes, "Undernutrition can affect cognitive development by causing direct structural damage to the brain and by impairing infant motor development." This in turn affects the child's ability to learn at school, leading to a lifetime of poverty and lack of opportunity.

The findings in the report are not new: many studies over the last five years have exposed the failure of the Indian state to ensure that its most vulnerable citizens are provided adequate nutrition in their early years. India has long been home to the largest number of malnourished children in the world. Some progress has been made in reducing the extent of malnutrition. The proportion of children with chronic malnutrition decreased from 48% percent in 2005-06 to 38.4% in 2015-16. The percentage of underweight children decreased from 42.5% to 35.7% over the same period. Anaemia in young children decreased from 69.5% to 58.5% during this period. But this progress is small.

The government's National Nutrition Mission (renamed as Poshan Abhiyaan) aims to reduce stunting (a measure of malnutrition that is defined as height that is significantly below the norm for age) by 2% a year, bringing down the proportion of stunted children in the population to 25% by 2022. But even this modest target will require doubling the current annual rate of reduction in stunting.

Q51. Who has authored the report called 'Food and Nutrition Security Analysis, India, 2019' along with the Government of India?

(a) United Nations Development Programme

(b) United Nations Security Council

(c) World Health Organization

(d) United Nations World Food Programme

Q52. How can undernutrition affect cognitive development?

(a) By causing direct structural damage to the brain

(b) By impairing infant motor development

(c) Both (a) & (b)

(d) None of the above

Q53. What is the aim of "Poshan Abhiyan"?
(a) To reduce stunting by 2.5% a year, bringing down the proportion of stunted children in the population to 25% by 2022.
(b) To reduce stunting by 2% a year, bringing down the proportion of stunted children in the population to 25% by 2022.
(c) To reduce stunting by 2% a year, bringing down the proportion of stunted children in the population to 2.5% by 2025.
(d) To reduce stunting by 3% a year, bringing down the proportion of stunted children in the population to 15% by 2022.

Q54. What is the percentage change in the proportion of underweight children during 2005-06 to 2015-16?
(a) Decreased from 48% to 38.4%
(b) Decreased from 42.5% to 35.7%
(c) Decreased from 69.5% to 58.5%
(d) Decreased from 48% to 35.7%

Q55. Select the antonym of **'desperation'**
(a) Optimism
(b) Pessimism
(c) Despair
(d) Hopelessness

Q56. Identify the segment in the sentence, which contains the grammatical error.
When I found she was (1)/there then his mother came and started (2)/scolding him very loud. (3)/No error (4)
(a) 1
(b) 2
(c) 3
(d) 4

Q57. Fill in the blank with the appropriate option-
Do take an umbrella with you _____.
(a) lest you should get wet
(b) lest you should not get wet
(c) lest you might not get wet
(d) lest you will get wet

Q58. Select the synonym of the given word.
GRISLY
(a) loathsome
(b) pleasing
(c) alluring
(d) beautiful

Q59. Choose the correct meaning of given idiom:-
To leave someone in the lurch
(a) To leave your problem to someone else
(b) To put someone at ease
(c) To desert someone in his difficulties
(d) None of these

Q60. What does the phrase "hit the books" mean?
(a) To physically strike books.
(b) To dislike reading.
(c) To study or engage in academic work.
(d) To become a successful author.

S1. Ans.(a)
Sol. Anant Maheshwari, who is currently the President of Microsoft India, has been appointed as the chairperson of Nasscom for 2023-24.
- Nasscom is a trade association for the Indian IT and business process outsourcing industry, and Maheshwari will be responsible for leading its strategic priorities and initiatives.

S2. Ans.(b)
Sol. The Swachh Bharat Mission (Urban) Uttar Pradesh has been awarded the prestigious HUDCO Award for 2022-2023 in the Best Practices to Improve the Living Environment category for cleanliness.
- The award was presented to Neha Sharma, the State mission director of UP, by the secretary of MoHUA, Manoj Josh.
- The campaign was organized by the Swachh Bharat Mission (Urban) Uttar Pradesh from January 14 to 24, 2023, and the award comes with a cash prize of 1 lakh rupees.

S3. Ans.(a)
Sol. Power Grid Corporation of India Ltd (PGCIL), a Maharatna CPSU of the Ministry of Power, has been awarded the Global Gold Award 2023 by The Green Organization.
•The award was given to PGCIL for their work in improving agriculture productivity and rural livelihood through watershed management, community participation, and better crop management practices in 10 villages of Jaipatna Block of Kalahandi, Odisha.
•Dr. V. K. Singh, the Director (Personnel) of POWERGRID, received the award on behalf of the company.

S4. Ans.(c)
Sol. The International Conference on 'Optimising Human Capital of Armed Forces: Psychological Perspective' is being organized by the Defence Institute of Psychological Research (DIPR).
- It is a Delhi-based laboratory under the Defence Research and Development Organisation (DRDO) of India.
- The conference aims to bring together experts from the three Services, DRDO labs, and academia to discuss recent advances, emerging trends, and challenges of psychology with respect to the human capital of the Armed Forces around the world.
- The conference is set to take place over four days in Delhi, starting on April 25, 2023.

S5. Ans.(c)
Sol. SWAGAT initiative was started by PM Modi in April 2003 during his tenure as the Chief Minister of Gujarat, with the aim to act as a bridge between citizens and the government using technology, solving their day-to-day grievances quickly, efficiently, and in a time-bound manner.

S6. Ans.(a)
Sol. The European planters at Champaran in Gujarat practised illegal methods of indigo cultivation and forced the Indian peasants to cultivate Indigo on 3/20th part of their land holding. This was called the Tinkathia system. Peasants of Champaran with the help of Gandhi and Rajendra Prasad organised Satyagraha and led to abolition of the Tinkathia system.

S7. Ans.(c)
Sol. Merger of Mysore is not credited to Lord Dalhousie.

S8. Ans.(b)
Sol. A set of guidelines for sustainable port practices.
- 'Harit Sagar' refers to the Green Port Guidelines 2023 launched by the Minister of Ports, Sarbananda Sonowal.
- It is a comprehensive action plan aimed at promoting environment-friendly practices across all ports.
- These guidelines provide a framework for achieving targeted outcomes such as quantified reduction in carbon emissions over defined timelines and aligning with the Sustainable Development Goals (SDGs).

S9. Ans.(c)
Sol. The Madhubani paintings were done by the village women of Mithila with vegetable dyer on the walls. But once they were encouraged these ladies started making their paintings on paper & wall.

S10. Ans.(a)
Sol. The annual Great Prayer Festival, "Ladakh Monlam Chenmo," is celebrated in Leh.
- The festival is organized by the All Ladakh Gonpa Association and is a significant event for the Sangha Community of Ladakh. It serves as a platform for the community to gather and participate in the major annual prayer, Smonlam Chenmo.
- While Ladakh is the region where the festival takes place, the specific location for the celebration is Leh.
- The festival brings together the Sangha Community in Leh for prayers, rituals, and spiritual activities.
- In addition to the festival, Ladakh MP Jamyang Tsering Namgyal is organizing a special camp for the Sangha Community, called "Seva for Sangha," in collaboration with the district administration of Leh.

S11. Ans.(c)
Sol. The statement mentions that demand for oil is increasing faster than the production. So. Either the demand must be reduced or oil must be imported to cope with the increasing demand. Thus, either I or II follows.

S12. Ans.(a)
Sol.
YE → xo
MEI → to
BHI → ao

S13. Ans.(c)
Sol.
Father – Wife
| |
Ravi – Daughter in Law
        |
    Daughter

S14. Ans.(d)
Sol. aabcd repetition.

S15. Ans.(c)
Sol. clearly on changing by 3 and 5 we get
$8 \times 5 \div 4 + 9 - 3 = 8\frac{5}{4} + 6 = 16$

S16. Ans.(b)
Sol. 7 × 2 + 5 = 19
19 × 2 + 4 = 42
42 × 2 + 3 = 87
87 × 2 + 2 = 176

S17. Ans.(a)
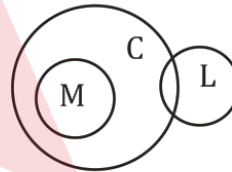**Sol.** C = U > P > S
I > P

S18. Ans.(d)
Sol. Multiplication of first and second number in 84 except (41, 2). Therefore, the answer is (d).

S19. Ans.(b)
Sol.

Here, M denotes mobile, C denotes computer and L denotes laptop.

S20. Ans.(c)
Sol. Synonym of Tired is Exhausted. Similarly, Synonym of Sad is Depressed.

S21. Ans.(b)
Sol. The correct answer is option b) Hyper Text Markup Language. HTML is the standard markup language used to create web pages and web applications. It is the foundation of all websites and is responsible for creating the structure and content of a webpage.

S22. Ans.(b)
Sol. The correct answer is option b) Portable Document Format. PDF is a file format that is used to represent documents in a manner independent of application software, hardware, and operating systems. It was developed by Adobe Systems in 1993 and has since become a widely used standard for sharing documents across different platforms.

S23. Ans.(a)
Sol. The correct answer is option A. The internet is a global network of interconnected computer networks, allowing for the transfer of data and communication between devices and users around the world. The Reason provided is the correct explanation for this Assertion.

S24. Ans.(c)
Sol. The correct answer is option C. While the Assertion that intranets are similar to the internet in terms of functionality and design is false, the Reason that intranets are not designed to be accessible to anyone with an internet connection is true. Intranets are private networks that are restricted to an organization or company and are not accessible to the public.

S25. Ans.(c)
Sol. The correct answer is option C. Statement 1 is correct as it defines what email is. Statement 2 is incorrect as email can be accessed using smartphones and tablets as well. Statement 3 is correct as email can be used to send and receive various types of digital files.

S26. Ans.(c)
Sol. The correct answer is option C. Video conferencing allows for remote collaboration and communication, which is particularly useful for businesses and individuals who cannot meet in person. Options A and B are incorrect as video conferencing can accommodate a large number of participants and is becoming more accessible with advancements in technology. Option D is incorrect as video conferencing can be reliable if the appropriate equipment and network infrastructure are in place.

S27. Ans.(d)
Sol. The correct answer is option D. Most video conferencing software in ICT offers real-time chat and messaging capabilities, allowing participants to communicate and collaborate during the video conference. Option A is incorrect as most software allows multiple people to speak at the same time. Option B is incorrect as most software allows for screen sharing, which is a useful feature for presentations and demonstrations. Option C is incorrect as most software is designed to be compatible with a range of devices and operating systems.

S28. Ans.(b)
Sol. To offer free online courses to anyone, anytime and anywhere. SWAYAM (Study Webs of Active-Learning for Young Aspiring Minds) is a digital initiative launched by the Government of India with the objective of providing free online courses to learners across the country. It offers courses in various subjects, from high school to postgraduate level, and is accessible to anyone with an internet connection. The platform aims to democratize education by making quality education accessible to all, especially those in remote areas who may not have access to good educational institutions.

S29. Ans.(a)
Sol. The correct answer is (A) To increase transparency and accountability in government operations. E-governance aims to improve government services and communication through the use of technology. By implementing e-governance, governments can increase transparency and accountability in their operations, leading to a more open and participatory government. E-governance can also increase efficiency and effectiveness in government services, making it easier for citizens to access and receive the services they need.

S30. Ans.(b)
Sol. The correct answer is (b) Pradhan Mantri Gramin Digital Saksharta Abhiyan (PMGDISHA). The scheme aims to provide digital literacy to citizens in rural areas, making them digitally literate so that they can access various government services through digital means. The scheme has a target of training 6 crore people, and the training is provided free of cost.

S31. Ans.(a)
Sol. In the context of assessment, National Education Policy 2020 proposes testing of higher order skills such as analysis and critical thinking.
This Policy proposes the revision and revamping of all aspects of the education structure, including its regulation and governance, to create a new system that is aligned with the aspirational goals of 21st century education, including SDG4, while building upon India's traditions and value systems.

S32. Ans.(a)
Sol. NEP 2020 is based on the principle that education must develop not only cognitive capacities but also social, ethical, and emotional capacities and dispositions. NEP-2020 has given emphasis on conceptual understanding, creativity and critical thinking, human ethical values, and constitutional values.
National Education Policy 2020 proposes a shift towards learning to learn.

S33. Ans.(d)
Sol. Teachers can leverage technology to achieve new levels of productivity, implement useful digital tools to expand learning opportunities for students, and increase student support and engagement

S34. Ans.(d)
Sol. Children in this stage start making goal directed behaviour they also engage in symbolic play and they can easily start understanding symbolic terms. Children are able to form relationships through the consistent and continuous presence of caregivers who talk, feed, play, and tend to give love and care.

S35. Ans.(d)
Sol. Primary socialization through the family teaches children how to bond, create relationships, and understand important concepts including love trust and togetherness. Several agents of primary socialization involve institutions such as the family, childhood friends, the educational system, and social media.

S36. Ans.(b)
Sol. Jean Piaget's theory of cognitive development includes the concept of accommodation. This cognitive process involves the development and alteration of mental representations, schemas, as individuals encounter new situations. It is the process by which we learn and develop our cognitive abilities. Assimilation is the cognitive process of making new information fit in with your existing understanding of the world. Essentially, when you encounter something new, you process and make sense of it by relating it to things that you already know.

S37. Ans.(c)
Sol. Social Contract Orientation – at this stage of moral reasoning, the individual acts with an understanding that laws are created by people coming together for the common good, and that these same people can change these laws if new demands or conditions arise. The "law and order" orientation - The individual is oriented toward authority, fixed rules, and the maintenance of the social order. Right behavior consists in doing one's duty, showing respect for authority, and maintaining the given social order for its own sake.
At this stage of moral development, people begin to consider society as a whole when making judgments. The focus is on maintaining law and order by following the rules, doing one's duty, and respecting authority.

S38. Ans.(a)
Sol. A setting which allows for a free exchange of ideas, thoughts and skills among the teachers and learners to achieve the expected educational goals by considering the physical, psychological, social, and cultural needs of all the learners.
"Inclusive learning and teaching recognises all student's entitlement to a learning experience that respects diversity, enables participation, removes barriers and anticipates and considers a variety of learning needs and preferences."

S39. Ans.(b)
Sol. Hyperactivity: Has difficulty remaining in his/her seat even when it is expected, Fidgets with hands or squirms when in his or her seat; fidgets excessively. Impulsivity: Has difficulty waiting for his or her turn in school and/or social games, Takes frequent risks, and often without thinking before acting.

Students having Attention Deficit Hyperactivity Disorder (ADHAD) can be identified by challenges they face in continuing on a given task for long.

ADHD can affect a student's ability to focus, pay attention, listen, or put effort into schoolwork. ADHD also can make a student fidgety, restless, talk too much, or disrupt the class. Kids with ADHD might also have learning disabilities that cause them to have problems in school.

S40. Ans.(b)
Sol. Inclusion of the students with learning difficulties in reading can be done by the following methods: Provide them video classes of the lessons so that they can learn the concept with the help of videos. Provide them various and different tasks related to their task so they can learn the lesson meaningfully.

Inclusive education values diversity and the unique contributions each student brings to the classroom. In a truly inclusive setting, every child feels safe and has a sense of belonging. Students and their parents participate in setting learning goals and take part in decisions that affect them.

S41. Ans.(c)
Sol. धरती का नामों - निशान मिट जाएगा। गद्यांश के अनुसार नैनो तकनीक के वजूद में आने का परिणाम यह होगा कि इससे धरती का नामो - निशान मिट जाएगा अर्थात् धरती के अस्तित्व पर खतरा उत्पनन हो जाएगा।

S42. Ans.(a)
Sol. यह तकनीक संपूर्ण मानव जाति के लिए हाानिकारक सिद्ध हो सकती है नैनो तकनीक के विरोधी द्वारा इसे मिस्र के पिरामिडों में सोई माणियों से भी ज्यादा अभिशप्त इसलिए माना गया, क्योंकि यह तकनीक संपूर्ण मानव जाति के लिए हानिकारक सिद्ध हो सकती है।

S43. Ans.(c)
Sol. (a) और (b) दोनों मानव औजरों का निर्माण करके तथा औद्योगिक क्रांति करके प्रकृति का नियंत्रक बन गया। अतः विकल्प (c) सही उत्तर है।

S44. Ans.(b)
Sol. परमाणू और अणूओं को मूलभूत इकाई मानकर इच्छानुसार उत्पाद तैयार करना गद्यांश के अनुसार नैनो तकनीक परमाणू और अणूओं को मूलभूत इकाई मानकर इच्छानुसार उत्पाद तैयार करना है।

S45. Ans.(a)
Sol. यह ऐसी तकनीक है, जो मनुष्य की सोच की सीमा बढ़ा देगी गद्यांश के अनुसार नैनो तकनीक के महत्व के बारे में यह कथन सही है कि यह ऐसी तकनीक है जो मनुष्य की सोच की सीमा बढ़ा देगी। जबकि अन्य तीनों विकल्प नैनो तकनीक के महत्व के संबंध में गलत है।

S46. Ans.(d)
Sol. 'वक्ष' और 'मिलिंद' परस्पर पर्यायवाची शब्द नहीं हैं। 'वक्ष', छाती का पर्यायवाची है। 'मिलिंद', भौंरे का पर्यायवाची शब्द है। निशा और यामिनी, 'रात्रि' शब्द के पर्यायवाची हैं। नृप और भूप, 'राजा' शब्द के पर्यायवाची शब्द हैं। कमला और पद्मा, लक्ष्मी शब्द के पर्यायवाची शब्द है।

S47. Ans.(d)
Sol. उल्टा चोर कोतवाल को डाँटे - 'स्वयं गलती करके दूसरों को डॉटना'।

S48. Ans.(a)
Sol. यहाँ 'आगामी वर्ष मेरा भाई अमेरिका गया था' के स्थान पर 'आगामी वर्ष मेरा भाई अमेरिका जाएगा' का प्रयोग उचित है।

S49. Ans.(b)
Sol. 'स्निग्ध' का विलोम शब्द 'रुक्ष' है।

S50. Ans.(d)
Sol. 'काठ की हाँडी बार-बार नहीं चढ़ती' लोकोक्ति का अर्थ है- छल-कपट का व्यवहार हमेशा नहीं चलता है।

S51. Ans.(d)
Sol. Refer to 1st line of the passage "A new report, 'Food and Nutrition Security Analysis, India, 2019', authored by the Government of India and the **United Nations World Food Programme**" Hence option (d) is correct.

S52. Ans.(c)
Sol. Refer to "A study in the Lancet notes, "Undernutrition can affect cognitive development **by causing direct structural damage to the brain** and **by impairing infant motor development**."

S53. Ans.(b)
Sol. Refer to last para "The government's National Nutrition Mission (renamed as Poshan Abhiyaan) aims to reduce stunting (a measure of malnutrition that is defined as height that is significantly below the norm for age) by **2% a year**, bringing down the proportion of stunted children in the population to **25% by 2022**".

S54. Ans.(b)
Sol. Refer to 11th line of 2nd para which says " The percentage of underweight children decreased from 42.5% to 35.7% over the same period". Hence option (b) is the correct choice.

S55. Ans.(a)
Sol. Desperation means a state of despair, typically one which results in rash or extreme behaviour; hopelessness.

S56. Ans.(c)
Sol. Use 'loudly' in place of 'loud'. Here 'loud' is used to modify "scold (verb)" so adverb 'loudly' must be used.

S57. Ans.(a)
Sol. lest you should get wet.
The phrase "lest" means "in order to avoid the risk of" or "for fear that." It is used to express a negative purpose or intention to prevent something undesirable from happening. The construction "lest + should" is used to indicate a negative outcome that someone wants to avoid. In the given sentence, the speaker is advising someone to take an umbrella with them to avoid getting wet. The correct construction to express this negative purpose is "lest you should get wet.

- lest you should not get wet: This is not the correct option because it would imply that the speaker wants the person to avoid staying dry, which doesn't make sense in the context.
- lest you might not get wet: This option suggests the possibility that the person might not get wet, which contradicts the purpose of carrying an umbrella.
- lest you will get wet: This option is not suitable because "will" implies a certain future event, and using "lest" with "will" is grammatically incorrect.

S58. Ans.(a)
Sol. Grisly means causing horror or disgust. And, Loathsome means causing hatred or disgust; repulsive.

S59. Ans.(c)
Sol. To desert someone in his difficulties. The idiom 'To leave someone in lurch' means to stop supporting someone in his difficult times.

S60. Ans.(c)
Sol. The correct answer is (c) To study or engage in academic work. The phrase "hit the books" is an idiomatic expression that means to start studying or dedicating time to academic pursuits. Option (a) is incorrect as it takes the phrase literally. Option (b) and (d) are unrelated and do not convey the intended meaning of the phrase.