

EMRS PGT Practice Set

Q1. Who were the winners of the Pulitzer Prize 2023 in the fiction category?

- (a) Barbara Kingsolver and Hernan Diaz
- (b) Hua Hsu
- (c) Sanaz Toossi
- (d) Beverly Gage

Q2. What is the theme of the 42nd Summit of the Association of Southeast Asian Nations (ASEAN) held in Indonesia in 2023?

- (a) ASEAN Affairs: Epicenter of Growth
- (b) ASEAN: A Journey of Unity
- (c) Embracing Diversity: ASEAN's Strength
- (d) ASEAN: Building Bridges for Prosperity

Q3. Who has been named as the ICC Women's Player of the Month for April 2023?

- (a) Fakhar Zaman
- (b) Sidra Ameen
- (c) Naruamol Chaiwai
- (d) None of the above

Q4. Who has been named the Sportsman of the Year at the 2023 Laureus World Sports Awards?

- (a) Lionel Messi
- (b) Ronaldo
- (c) David Beckham
- (d) Mbappe

Q5. What is SAKSHAM, recently launched by Rajesh Bhushan, the Union Health Secretary?

- (a) A Learning Management Information System (LMIS)
- (b) A healthcare management platform
- (c) A medical research project
- (d) A health awareness campaign

Q6. Which is called the "Lake District of India"?

- (a) Nainital
- (b) Shimla
- (c) Gangtok
- (d) Matheran

Q7. Which sanctuary in India is famous for Rhinoceros and in which state is it located?

- (a) Gir, Gujarat
- (b) Kaziranga, Assam
- (c) Ranthambore, Rajasthan
- (d) Corbett, Uttarakhand

Q8. Which part of the brain plays an important role in motor control?

- (a) Cerebellum
- (b) Cerebrum
- (c) Medulla
- (d) Pons

Q9. Which of the following large states has 100% of villages achieving ODF Plus status under the Swachh Bharat Mission Gramin (SBM-G) Phase II?

- (a) Uttar Pradesh
- (b) Tamil Nadu
- (c) Karnataka
- (d) Telangana

Q10. When is National Technology Day observed in India?

- (a) May 11
- (b) June 11
- (c) July 11
- (d) August 11

Q11. In the following question, select the related word pair from the given alternatives.

Room : House :: ? : ?

- (a) Pedal : Rotate
- (b) Student : Study
- (c) Car : Steering
- (d) Needle : Clock

Q12. In the following question, select the odd word from the given alternatives.

- (a) Tiger
- (b) Ostrich
- (c) Dog
- (d) Elephant

Q13. In the following question, select the missing number from the given series. 93, 100, 107, 114, ?, 128

- (a) 120
- (b) 121
- (c) 123
- (d) 122

Q14. If $13\Delta 3@19 = 20$, $12\Delta 7@74 = 10$ and $12\Delta 5@46 = 14$, then find the value of $16\Delta 2@4 = ?$

- (a) 14 ;
- (b) 4
- (c) 28
- (d) 8

Q15. In the following question, select the odd letter/letters from the given alternatives.

- (a) JKL
- (b) EGI
- (c) OQS
- (d) KMO

Q16. In the following question, four groups of three numbers are given. In each group the second and third number are related to the first number by a Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

- (a) (10, 20, 30)
- (b) (12, 22, 32)
- (c) (27, 37, 47)
- (d) (19, 29, 49)

Q17. A starts from his home. He pushes his cycle 1 km East, then he turns North and walks 4 km, then he turns West and walks 9 km, then he turns to his left and walks 4 km. Where is he with respect to his home?

- (a) 8 km West
- (b) 10 km West
- (c) 8 km East
- (d) 10 km East

Q18. Statement:

All Aroma is good
Some good is bad

Conclusions

- I. All aroma is bad
- II. Some Aroma is good
- (a) only condition I follow
- (b) only Condition II follow
- (c) neither I nor II follow
- (d) both the conclusions follow

Q19. In a class, there are six boys F is tables and these boys are tables than E, but shorter than B, C is not tables than A, Who is shorter than D. who among these is second shortest?

- (a) C
- (b) D
- (c) A
- (d) B

Q20. Pointing to a woman, a man said, "The sister of her mother's husband is my aunt" How is he related to that women?

- (a) Nephew
- (b) father
- (c) Uncle
- (d) Brother

Directions (21-23): There are six children playing football namely G, H, I, J, K and L. G and K are brothers. L is the only sister of K. I is the only son of G's uncle. H and J are the daughters of the brother of I's father.

Q21. How is J related to G?

- (a) Sister
- (b) Niece
- (c) Cousin
- (d) Uncle

Q22. How is I related to L?

- (a) Cousin
- (b) Son
- (c) Uncle
- (d) Brother

Q23. How many male players are there?

- (a) One
- (b) Three
- (c) Four
- (d) Five

Q24. Select the odd word from the given alternative?

- (a) Daman
- (b) Kavaratti
- (c) Port Blair
- (d) Andaman and Nicobar

Q25. If 'A' stands for 'x', B stands for '÷', 'C' stands for '+', 'D' stands for '-', then what is the value of

(8 A 3) B 4 C 3 D 11

- (a) -11
- (b) -4
- (c) -2
- (d) -3

Q26. CAT : DDY :: BIG : ?

- (a) CLM
- (b) CLL
- (c) CEP
- (d) CML

Q27. What number comes next in the series?

4, 5, 9, 14, 23, 37, ?

- (a) 60
- (b) 53
- (c) 48
- (d) 57

Q28. Complete the following series

GMSY, IOUA, KQWC, ?

- (a) NSYF
- (b) MSYF
- (c) MSYE
- (d) MTYE

Q29. Select the set of numbers that is similar to the following set of number

(4, 7, 11)

- (a) (3, 5, 9)
- (b) (6, 9, 11)
- (c) (11, 14, 18)
- (d) (11, 14, 17)

Q30. Arrange the following words in reverse alphabetical order and find the second word from left.

Dance, Drama, Diabetes, Dynamic

- (a) Dance
- (b) Drama
- (c) Dynamic
- (d) Diabetes

Q31. Which type of computer is primarily used by the government for data processing and administrative tasks?

- (a) Mainframe computer
- (b) Personal computer
- (c) Supercomputer
- (d) Tablet computer

Q32. Which generation of computers used vacuum tubes as a primary electronic component?

- (a) First generation
- (b) Second generation
- (c) Third generation
- (d) Fourth generation

Q33. What does the abbreviation "URL" stand for?

- (a) Uniform Resource Locator
- (b) Universal Resource Locator
- (c) Unique Resource Locator
- (d) Unidentified Resource Locator

Q34. Choose the correct option

Assertion: Browsers are the only software that can access the internet.

Reason: Browsers are specifically designed to access and display webpages on the internet.

Options:

- (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.

Q35. Choose the correct option

Assertion: An intranet is a private network that is restricted to an organization or company.

Reason: An intranet can be accessed using the internet.

Options:

- (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.

Q36. Choose the correct statement(s) regarding email etiquette in ICT:

Statement 1: It is important to use a clear and concise subject line in an email.

Statement 2: It is appropriate to use informal language and abbreviations in business emails.

Statement 3: It is important to proofread an email before sending it to avoid typos and errors.

Options:

- (a) Statement 1 only
- (b) Statement 1 and 2
- (c) Statement 1 and 3
- (d) All of the above

Q37. Which digital initiative launched by the Government of India aims to provide online marketing to women?

- (a) SWAYAM
- (b) e-Shiksha
- (c) Swayam Prabha
- (d) Mahila-E-Haat

Q38. What is the objective of the National Digital Library of India initiative launched by the Government of India in ICT?

- (a) To provide free internet services to students in rural areas
- (b) To digitize and preserve the cultural heritage of India
- (c) To promote the use of digital technologies in classroom teaching
- (d) To establish new universities in underdeveloped regions

Q39. Which generation of computers used integrated circuits (ICs) as a primary electronic component?

- (a) First generation
- (b) Second generation
- (c) Third generation
- (d) Fourth generation

Q40. Which of the following memory devices has the highest access speed?

- (a) Hard disk drive (HDD)
- (b) Solid-state drive (SSD)
- (c) CD-ROM
- (d) USB flash drive

Q41. As per National Education Policy 2020, the assessment of learners should include the progress as well as the uniqueness of learners in-

- (a) cognitive, social, spiritual domains.
- (b) cognitive, physical domains.
- (c) cognitive, affective, psychomotor domains,
- (d) physical, physiological, psychological domains.

Q42. Instead of limiting classroom learning to textbooks, National Education Policy 2020 suggests that learning and education should be-

- (a) based on rote memorization of facts and knowledge.
- (b) based on increasing students' content every 3 months.
- (c) focused on inquiry and the development of critical thinking.
- (d) focused on learning for exams.

Q43. Choose the correct one in accordance with the RTE. The curricular and evaluation process should:

- (a) Make the child free from fear, trauma and anxiety
- (b) Be child centered and provide learning activities
- (c) Medium of instruction has to be in the mother tongue, as far as possible
- (d) All of the above

Q44. The government of India enacted the Right of children to free and compulsory education act in the year:

- (a) 2006
- (b) 2007
- (c) 2008
- (d) 2009

Q45. What type of supervision supports the transformation of teaching-learning processes?

- (a) academic
- (b) school
- (c) society
- (d) family

Q46. What is the term for the process of planning and reviewing attitudes?

- (a) school learning
- (b) leadership learning
- (c) teaching-learning
- (d) none of these

Q47. Project – based and play – based approaches in learning:

- (a) improves children's engagement and motivation.
- (b) hampers children's ability to be self – directed.
- (c) increases behavioral issues.
- (d) hampers children's creativity.

Q48. Which of the following is a primary agency of socialisation for children?

- (a) School
- (b) Religion
- (c) Family
- (d) Community

Q49. Two glasses hold the same amount of water yet Anu thinks that the taller glass holds more water than the 'wider but shorter' glass. According to Jean Piaget, this reasoning of Anu is due to-

- (a) Centration
- (b) Seriation
- (c) Conservation
- (d) Maturation

Q50. Reversibility - the ability to reverse actions is a basic accomplishment of which stage as given in the Piagetian theory of Cognitive development?

- (a) Sensorimotor
- (b) Pre operational
- (c) Concrete Operational
- (d) Formal Operational

निर्देश:(51-55) दिए गए गद्यांश को पढ़कर निम्नलिखित प्रश्नों के उत्तर दीजिए।

नेहरू के संबंध में लोगों के मानस - पटल पर जो चित्र अंकित है, उनमें नेहरू ऐसे व्यक्ति के रूप में विद्यमान हैं जो वैभव में पल, जिन्हें सदा मोटर और हवाई - जहाज़ की सुविधाएँ प्राप्त रहीं, जिनको नेतृत्व पैदायशी हक के रूप में मिल गया, जिन्होंने कभी धन का अभाव जाना ही नहीं। नेहरू के ये चित्र ध्यान में आते ही नहीं कि पिता की मोटर और बग़ी है, किंतु नेहरू धूप में गाँव - गाँव पैदल घूम रहे हैं; थकान के बाद चाय पीने को मन करता है तो जेब में इतने पैसे नहीं कि पाँच - सात साथी चाय पही सकें। विदेशों में प्रचार के लिए डाक - व्यय मुश्किल से ही जुट पाता है। घर में कर्ज़ बढ़ गया है - चुकाने के लिए माता और पत्नी के ज़ेवर, चाँदी के बरतन और कीमती क्रॉकरी कलकत्ते के बाज़ार में चुपके - चुपके ले जाई गई है। माता - पिता की मृत्यु हो गई है और क्षय से पीड़ित पत्नी विदेश में पड़ी है। देश में दमन - चक्र चल रहा था, स्वयं जेल में बंद चिंता से छटपटा रहे थे। किंतु कर्मयोगी नेहरू ने जेल की नौ वर्ष की इस यातना - भरी अवधि में ही विश्व - साहित्य की अमर कृतियाँ रचीं।

मानसिक वेदनाओं का लंबा इतिहास! आज़ादी मिली, तो देश के टुकड़े हो गए; आदमी जानवर बन गया, लाखों इंसानों के लंबे काफिलों कुटुंबियों की बेकफ़न लाशों को छोड़कर राजधानी आ गए। अहिंसा, सत्य, प्रेम, त्याग - सारा दर्शन और आदर्श ध्वस्त हो गए और गांधी ही हत्या कर दी गई है। भारत गणतंत्र की डगर पर डगमग कदमों से चलना सीख ही रहा था कि चीन ने भारत के गले में मित्रता की एक बाँह डाले - डाले, दुसरे हाथ से कमर में छुरा भोंक दिया। इन परिस्थितियों में भी उस कर्मयोगी ने साहस का परित्याग नहीं किया।

Q51. नेहरू के विषय में देशवासियों की धारण थी कि वे

- (a) देश का प्रधानमंत्री बनने का स्वप्न देखते थे
- (b) जन्मजात वैभवशाली एवं सुविधासंपन्न व्यक्ति थे
- (c) प्रधानमंत्री बनकर तानाशाही करना चाहते थे
- (d) पुस्तकें लिखकर आमदनी बढ़ाना चाहते थे

Q52. देश की आज़ादी के लिए नेहरू ने क्या नहीं भोगा?

- (a) धन का अभाव
- (b) जेल यात्रा
- (c) पत्नी से वियोग
- (d) वैभवपूर्ण जीवन

Q53. विभिन्न समस्याओं से जूझते हुए भी उनका अमूल्य योगदान किस क्षेत्र में था?

- (a) नवयुवकों में देश - प्रेम के भाव जगाना
- (b) अशिक्षित समाज में शिक्षा का प्रचार - प्रसार
- (c) अहिंसा के आधार पर आज़ादी के लिए प्रयास
- (d) नौ वर्ष तक जेल में रहकर अमर कृतियों की रचना

Q54. “विदेशों में प्रचार के लिए पत्र व्यवहार करना पड़ता है, किंतु जितना डाक - व्यय चाहिए पूरा नहीं पड़ता” वाक्य का प्रकार है

- (a) सरल
- (b) संयुक्त
- (c) मिश्र
- (d) साधारण

Q55. प्रस्तुत गद्यांश का उचित शीर्षक है

- (a) अशिक्षित समाज में शिक्षा का प्रचार करते नेहरू
- (b) देशभक्ति की भावना से ओत - प्रोत नेहरू
- (c) देश की आज़ादी में नेहरू का योगदान
- (d) उपरोक्त में से कोई नहीं

Q56. 'नैसर्गिक' का विलोम शब्द है-

- (a) कृत्रिम
- (b) कल्पिता
- (c) सात्विक
- (d) यथार्थ

Q57. 'पहाड़ के ऊपर की समतल भूमि' इस वाक्यांश के लिए एक शब्द का चयन कीजिए।

- (a) उपत्यका
- (b) अधित्यका
- (c) शिरोधार्य
- (d) क्षितिज

Q58. 'औचक' शब्द का समानार्थी शब्द नहीं है-

- (a) मतंग
- (b) यकायक
- (c) अचानक
- (d) सहसा

Q59. किस मुहावरे का अर्थ 'स्वयं गलती करके दूसरों को डौटना' है?

- (a) घाट-घाट का पानी पीना
- (b) अपने पाँव पर कुल्हाड़ी मारना
- (c) अक्ल चकराना
- (d) उल्टा चोर कोतवाल को डौंटे

Q60. 'कोयले की दलाली में हाथ काला', इस लोकोक्ति का अर्थ है-

- (a) हालत में उलट-फेर होना
- (b) कोयले के प्रयोग से हाथ काले होते हैं
- (c) बुरी संगति में कलंक लगता है
- (d) अपने-अपने मन की करना

Direction (61-65): Read the passage carefully and choose the best answer to each question out of the four alternatives.

Women may soon get to travel for free on buses and Metro trains in Delhi. This gender-based public transport fare subsidy program, announced by the Aam Aadmi Party government, has not been tested anywhere in India in the past. Proponents claim that the policy will protect and liberate women. Critics argue that it is financially unviable and unfair. As polarized debates over the intent and impact of the policy continue, it is useful to assess whether this idea, in principle, has any merit.

Cities often provide public transport fare subsidies to all or some citizens to encourage them to use public transport, or for easing their travel cost burdens. Singapore, for example, offers a discount to rail commuters who are willing to travel before the morning rush-hour. Public transport is free for residents in Estonia. Luxembourg, with a population of about 600,000, has made public transport free for those under the age of 20. Paris, with a population of over 2 million, has announced a comparable plan. Hong Kong has implemented a public transport fare concession scheme for people aged 65 years or more. Berlin offered women a 21% ticket discount for one day in March this year to highlight the gender wage gap. In India, however, urban transport fare discounts are less common, although concessions for seniors, students, and other socioeconomic groups are available for government-operated flights and long-distance railway services.

There may be a case for free or discounted public transport for women. A subsidy like this is most likely to benefit women who might consider taking up jobs for which they are better suited but are further away from home. Women can engage in a range of activities that promote their well-being. Free public transport can therefore bring more women to public spaces, and, consequently, make those spaces safer for women.

Finally, this debate is not for Delhi alone. It's time that all Indian cities craft efficient, effective, fair, and context-specific public transport policies. Men and women do not enjoy equal freedom to move in India, and policymakers should act.

Q61. What is the idea of the passage?

- (a) Different countries provide gender-based transport fare subsidies.
- (b) Transport fare concession should be available to all the citizens.
- (c) Gender-based transport fare subsidy can empower women and bring them to public spaces.
- (d) Countries providing transport fare subsidies bear a huge loss of revenue.

Q62. What do antagonists think about the proposal?

- (a) It is feasible and economical.
- (b) It is unviable and unfair.
- (c) It will protect and liberate women.
- (d) Both (a) and (c)

Q63. What did Berlin do this year to highlight the gender wage gap?

- (a) Discount to rail commuters who are willing to travel before the morning rush-hour.
- (b) Offered women a 21% ticket discount for one day in March.
- (c) Free public transport for those under the age of 20.
- (d) Free public transport for all women.

Q64. What is the antonym for unviable?

- (a) Feasible
- (b) Economical
- (c) Unsuccessful
- (d) Dubious

Q65. How is the scheme beneficial for women?

- (a) Women might take up jobs for which they are better suited but are further away from home.
- (b) Women can engage in a range of activities that promote their well-being.
- (c) It can bring more women to public spaces and make them safer for women.
- (d) All of the above

Q66. Fill in the blank with the correct option.

_____, I was able to attend the wedding.

- (a) Instantly
- (b) Luckily
- (c) Suddenly
- (d) Beautifully

Q67. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

We had (A)/ lot of difficulties (B)/ in finding the way here. (C)/ No error (D)

- (a) A
- (b) B
- (c) C
- (d) D

Q68. Select the synonym of the given word.

REQUISITE

- (a) dominant
- (b) dynamic
- (c) critical
- (d) obligatory

Q69. Select the most appropriate Antonym of the given words.

Zenith

- (a) Nadir
- (b) Shallow
- (c) Peculiar
- (d) Low

Q70. Fill in the blank with the correct option.

The photograph _____ brought back old memories.

- (a) lethargically
- (b) bluntly
- (c) instantly
- (d) lazily

Solutions

S1. Ans.(a)

Sol. The winners of the Pulitzer Prize 2023 in the fiction category were Barbara Kingsolver for her novel 'Demon Copperhead' and Hernan Diaz for his novel 'Trust'.

- Sanaz Toossi won in the drama category.
- Beverly Gage won in the biography category.

S2. Ans.(a)

Sol. The theme of the 42nd Summit of the Association of Southeast Asian Nations (ASEAN) held in Indonesia in 2023 was "ASEAN Affairs: Epicenter of Growth."

- The theme aimed to highlight ASEAN's aspirations and efforts to become the center and driving force behind global development.
- ASEAN member countries, including Malaysia, Indonesia, the Philippines, Thailand, and Singapore, formed the organization in 1967 with the aim of fostering regional stability, economic progress, and social development.

S3. Ans.(c)

Sol. Naruemol Chaiwai, the skipper of the Thailand women's cricket team, has been named as the ICC Women's Player of the Month for April 2023.

During the T20I series, Chaiwai played a significant role in Thailand's victory against Zimbabwe. She scored 55 runs across the series, with her crucial knock of 29 runs in the second T20I helping her team secure a five-wicket win over Zimbabwe.

Fakhar Zaman has been named as the ICC Men's Player of the Month for April 2023.

S4. Ans.(a)

Sol. Lionel Messi, the renowned Argentine footballer, has been named the Sportsman of the Year at the 2023 Laureus World Sports Awards. This prestigious award recognizes Messi's exceptional achievements on the football field over the past year.

One of Messi's notable accomplishments was leading the Argentina Men's Football Team to victory in the FIFA World Cup.

S5. Ans.(a)

Sol. SAKSHAM, recently launched by Rajesh Bhushan, the Union Health Secretary, is an acronym for "Stimulating Advanced Knowledge for Sustainable Health Management." It is a Learning Management Information System (LMIS) developed by the National Institute of Health & Family Welfare (NIHFW) in New Delhi.

- SAKSHAM serves as a dedicated and unified platform designed to provide online training and medical education to all health professionals across the country. It aims to enhance the knowledge, skills, and capabilities of healthcare professionals, ensuring their continuous professional development.

S6. Ans.(a)

Sol. Nainital is famously referred to as the 'Lake District of India'.

S7. Ans.(b)

Sol. Kaziranga National Park situated in Assam state of India, is a UNESCO world heritage sites of India and known for Great Indian one-horned Rhinoceros. Kaziranga also boasts the highest density of tigers among the protected areas in the world and was declared a Tiger Reserve in 2006.

S8. Ans.(a)

Sol. The cerebellum is a region of the brain that plays an important role in motor control. It may also be involved in some cognitive functions such as attention and language, and in regulating fear and pleasure responses, but its movement-related functions are the most solidly established. The cerebellum does not initiate movement, but it contributes to coordination, precision, and accurate timing.

S9. Ans.(d)

Sol. Based on the information provided, Telangana is the large state that has achieved 100% ODF (Open Defecation Free) Plus status under Phase II of the Swachh Bharat Mission Gramin (SBM-G). This indicates that every village in Telangana has not only eradicated open defecation but also managed solid and liquid waste effectively, a key component of the ODF Plus criteria.

- Goa (95.3%) and Sikkim (69.2%) performed best in small states.

S10. Ans.(a)

Sol. National Technology Day is observed every year on May 11 in India.

- It is a day that commemorates India's successful nuclear tests conducted on May 11, 1998, at Pokhran, Rajasthan.
- On this historic day, India conducted the Pokhran-II nuclear tests, which included the successful detonation of five nuclear devices.
- Former Prime Minister Atal Bihari Vajpayee, who was in office at the time of the nuclear tests, coined the term "National Technology Day" to recognize and acknowledge the efforts of the Indian scientific community.

S11. Ans.(d)

Sol. Room is present in House.
Needle is present in clock.

S12. Ans.(b)

Sol. Ostrich is a bird

S13. Ans.(b)

Sol. +7 series =121

S14. Ans.(c)

Sol. $13 \times 13 - 19 = 20$

$12 \times 7 - 74 = 10$

$16 \times 2 - 4 = 28$

S15. Ans.(a)

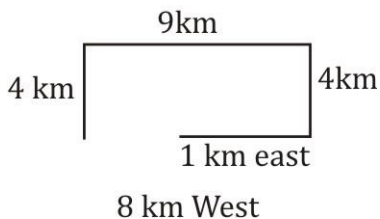
Sol. all other are +2, +2 series

S16. Ans.(b)

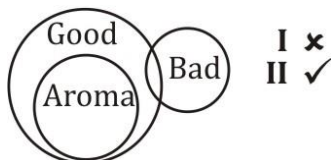
Sol. all other are +10, +20 series.

S17. Ans.(a)

Sol.

**S18. Ans.(b)**

Sol.

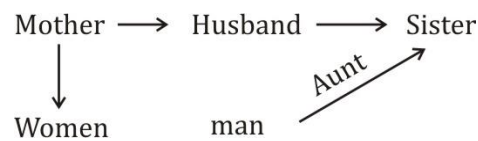
**S19. Ans.(a)**

Sol. from the given statement we can conclude as:

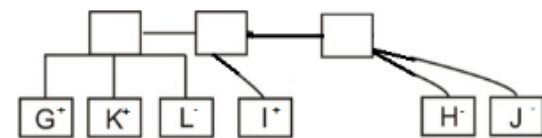
$F > B > D > D > C > E$

S20. Ans.(d)

Sol.

**S21. Ans.(c)**

Sol.

**S22. Ans.(a)****S23. Ans.(b)****S24. Ans.(d)**

Sol. Except 'D' others are capital of union territory states

S25. Ans.(c)

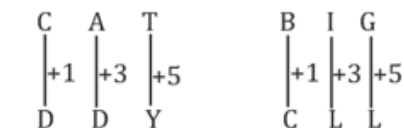
Sol. $(8 \times 3) \div 4 + 3 - 11$

$\Rightarrow 6 + 3 - 11$

$= - 2$

S26. Ans.(b)

Sol.

**S27. Ans.(a)**

Sol. $4 + 5 = 9$

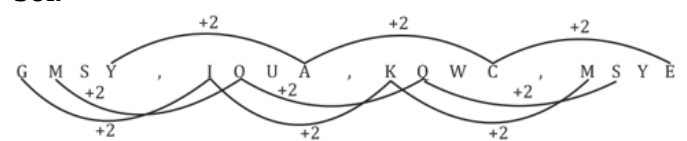
$5 + 9 = 14$

$9 + 14 = 23$

$23 + 37 = 60$

S28. Ans.(c)

Sol.



S29. Ans.(c)

Sol.

$$\begin{array}{ccc} (4 & 7 & 11) \\ \text{+3} & \text{+4} & \\ (11 & 14 & 18) \\ \text{+3} & \text{+4} & \end{array}$$

S30. Ans.(b)

Sol. Dynamic, Drama, Diabetes, Dance

S31. Ans.(a)

Sol. The correct answer is (a) Mainframe computer. Mainframe computers are designed to handle large amounts of data processing and administrative tasks. They are used by government organizations for tasks such as record-keeping, financial transactions, and data analysis. Mainframe computers are known for their reliability and security features, which make them ideal for government use.

S32. Ans.(a)

Sol. The correct answer is (a) First generation. The first generation of computers, developed in the late 1940s and 1950s, used vacuum tubes as the primary electronic component for processing and storing data. These computers were large and expensive and required a lot of maintenance. They were used mainly for scientific and military purposes.

S33. Ans.(a)

Sol. The correct answer is option a) Uniform Resource Locator. A URL is a web address that identifies a specific resource on the internet. It consists of several parts, including the protocol (e.g., "http" or "https"), the domain name, and the path to the resource. URLs make it easy for users to navigate to specific websites or pages on the internet.

S34. Ans.(d)

Sol. The correct answer is option D. While the Reason is true that browsers are specifically designed to access and display webpages on the internet, the Assertion that they are the only software that can access the internet is false. Other software, such as email clients, file transfer programs, and online chat programs, can also access the internet for various purposes.

S35. Ans.(b)

Sol. The correct answer is option B. While both the Assertion and Reason are true, the Reason is not the correct explanation for the Assertion. An intranet is a private network that is restricted to an organization or company, but it cannot be accessed using the internet. Instead, it is accessed through internal servers and networks within the organization.

S36. Ans.(c)

Sol. The correct answer is option C. Statement 1 is correct as a clear and concise subject line helps the recipient understand the purpose of the email. Statement 2 is incorrect as formal language and proper grammar should be used in business emails. Statement 3 is correct as proofreading helps to ensure that the email is error-free and professional.

S37. Ans.(d)

Sol. Mahila-E-Haat is a digital initiative launched by the Government of India to empower women entrepreneurs, especially those in rural areas, by providing them a platform to showcase and sell their products online. It also aims to provide digital education and training to women entrepreneurs to enhance their skills and help them grow their businesses. The platform is available in both English and Hindi, and can be accessed through a mobile app or website.

S38. Ans.(b)

Sol. The National Digital Library of India is a digital initiative launched by the Government of India with the objective of digitizing and preserving India's cultural heritage, as well as providing access to digital resources to students and scholars across the country. The platform offers a collection of books, manuscripts, photographs, and other resources that can be accessed through a web portal or mobile app. The objective of the initiative is to make these resources easily accessible to all, especially those who may not have access to traditional libraries and archives.

S39. Ans.(c)

Sol. The correct answer is (c) the third generation. ICs were smaller, more reliable, and less expensive than vacuum tubes, which made it possible to develop smaller and more powerful computers.

S40. Ans.(b) Solid-state drive (SSD)

Sol. Solid-state drives (SSDs) have a significantly higher access speed than hard disk drives (HDDs), CD-ROMs, and USB flash drives. This is because SSDs use flash memory technology, which allows for faster data access than the spinning disks used in HDDs and CD-ROMs. USB flash drives also use flash memory technology, but their access speed is generally lower than that of an SSD due to their smaller size and lower capacity. SSDs are therefore a popular choice for high-performance applications that require fast data access, such as gaming, video editing, and scientific computing.

S41. Ans. (c)

Sol. As per National Education Policy 2020, the assessment of learners should include the progress as well as the uniqueness of learners in cognitive, affective, and psychomotor domains.

S42. Ans.(c)

Sol. Instead of limiting classroom learning to the textbook, National Education Policy 2020 suggests that learning and education should be focused on inquiry and the development of critical thinking. Applying critical thinking helps you make decisions that require a lot of thought.

S43. Ans.(d)

Sol. According to the RTE Act, 2009, the curricular and evaluation process should:

- Make child free from fear, trauma and anxiety
- Be child centered and provide learning activities
- Medium of instruction has to be in mother tongue, as far as possible

S44. Ans.(d)

Sol. The Right to Education Act commonly known as RTE Act was enacted in August 2009 by the Indian government.

It is an act which aims to provide free and compulsory education to all children between the age of 6 to 14 years in India under the Article 21A of the Indian Constitution.

S45. Ans. (a)

Sol. Academic supervision supports the transformation of teaching-learning processes.

S46. Ans. (c)

Sol. The teaching and learning process can be defined as a transformation process of knowledge from teachers to students.

S47. Ans. (a)

Sol. Project-based and play-based approaches to learning improves children's engagement and motivation.

S48. Ans. (c)

Sol. Family is the primary agency of socialization for children. Family is usually considered to be the most important agent of socialization. They teach us how to care for ourselves and give us our first system of values, norms, and beliefs.

S49. Ans. (a)

Sol. Two glasses hold the same amount of water yet Anu thinks that the taller glass holds more water than the 'wider but shorter' glass, according to Jean Piaget this reasoning of Anu is due to Centration. Centration is the tendency to focus on only one aspect of a situation at one time, when a child can focus on more than one aspect of a situation at the same time they have the ability to decenter.

S50. Ans. (c)

Sol. Reversibility-the ability to reverse actions is a basic accomplishment of Concrete Operational as given in the Piagetian theory of Cognitive development. According to Piaget's theory, there are four stages of cognitive development, and each of the stages represents a new way of thinking and understanding the world. He called them 1) sensor motor intelligence 2) Preoperational thinking 3) Concrete operational thinking 4) formal operational thinking.

S51. Ans.(b)

Sol. जन्मजात वैभवशाली एवं सुविधासंपन्न व्यक्ति थे नेहरू के विषय में देशवासियों की धारणा थी कि उन्होंने कभी धन का अभाव जाना ही नहीं। वह जन्मजात वैभवशाली एवं सुविधा संपन्न व्यक्ति थे।

S52. Ans.(d)

Sol. वैभवपूर्ण जीवन देश की आज़ादी के लिए नेहरू ने उस वैभवपूर्ण जीवन का भोग नहीं किया, जो उन्हें जन्मजात मिला था।

S53. Ans.(d)

Sol. नौ वर्ष तक जेल में रहकर अमर कृतियों की रचना विभिन्न व्यक्तिगत और देशव्यापी समस्याओं जूझते हुए भी उनका अमूल्य योगदान साहित्य के क्षेत्र में था। उन्होंने जेल की नौ वर्ष की यातना - भरी अवधि में ही विश्व साहित्य की अमर कृतियों की रचना की।

S54. Ans.(c)

Sol. मिश्र प्रस्तुत वाक्य मिश्र वाक्य है, क्योंकि प्रधान उपवाक्य और आश्रित उपवाक्य को 'किंतु' व्याधिकरण समुच्चबोधक से जोड़ा गया है।

S55. Ans.(c)

Sol. देश की आज़ादी में नेहरू का योगदान प्रस्तुत गद्यांश के केंद्र में नेहरू जी के विषय में देश की आज़ादी में उनकी भूमिका के विषय में बताया गया है।

S56. Ans. (a)

Sol. 'नैसर्गिक' का विलोम शब्द 'कृत्रिम' है।

S57. Ans. (a)

Sol. 'पहाड़ के ऊपर की समतल भूमि' इस वाक्यांश के लिए एक शब्द 'उपत्यका' है।

S58. Ans. (a)

Sol. 'मतंग' का समानार्थी शब्द है- हाथी।

S59. Ans. (d)

Sol. 'उल्टा चोर कोतवाल को डाँटे' मुहावरे का अर्थ है - 'स्वयं गलती करके दूसरों को डाँटना'।

S60. Ans. (c)

Sol. 'कोयले की दलाली में हाथ काला', इस लोकोक्ति का अर्थ है- बुरी संगति में कलंक लगता है।

S61. Ans.(c)

Sol. The whole passage concentrates on how to make public transport more appealing and safer.

S62. Ans.(b)

Sol. Referring to the 4th line of the 1st paragraph, it clearly says that "Critics argue that it is financially unviable and unfair". Hence option (b) is correct.

S63. Ans.(b)

Sol. 8th line of 2nd para says that Berlin offered women a 21% ticket discount for one day in March this year to highlight the gender wage gap. Therefore option (b) is the correct answer.

S64. Ans.(a)

Sol. Unviable means not capable of working successfully; not feasible.

S65. Ans.(d)

Sol. 3rd paragraph mentions all the given points.

S66. Ans.(b)

Sol. Luckily.

The sentence structure suggests that the missing word should indicate a fortunate circumstance or positive outcome that allowed the speaker to attend the wedding.

Luckily, This word means "fortunately" or "by chance," which perfectly fits the context. It implies that the speaker was fortunate enough to attend the wedding, possibly due to unexpected favorable circumstances.

S67. Ans.(b)

Sol. Use 'a' before 'lot of'. A lot of or lots of are the determiners which means the same, it is used with plural countable noun and i.e a lot of difficulties or lots of difficulties.

S68. Ans. (d)

Sol. Requisite means made necessary by particular circumstances or regulations.

Obligatory means required by a legal, moral, or other rule; compulsory.

S69. Ans.(a)

Sol. The most appropriate antonym for the word "Zenith" is (a) Nadir. Zenith.

The term "zenith" refers to the highest point or peak of something. It represents the culmination or pinnacle of success, achievement, or a celestial object's highest position in the sky. On the other hand, "nadir" is the exact opposite of zenith. It signifies the lowest point or the bottom of something. It represents the extreme point of decline, failure, or the lowest position of a celestial object in the sky.

S70. Ans.(c)

Sol. The correct adverb to use in the sentence "The photograph _____ brought back old memories" is "instantly." This adverb means without delay or immediately. It is the most suitable choice for the sentence because it accurately describes how the photograph triggered the recollection of old memories in a quick and immediate manner.