



## EMRS PGT Practice Set

**Q1.** Who has been appointed as the Acting Chief Justice of the Kerala High Court with effect from April 24, 2023?

- (a) S Manikumar
- (b) Sarasa Venkatanarayana Bhatti
- (c) Ramana Murthy
- (d) Gogoi Chandrachud

**Q2.** Which organization is partnering with the Ministry of Health and Family Welfare to organize the Asia Pacific Leaders' Conclave on Malaria Elimination in New Delhi on April 24, 2023?

- (a) World Health Organization (WHO)
- (b) Asia Pacific Economic Cooperation (APEC)
- (c) Asia Pacific Leaders Malaria Alliance (APLMA)
- (d) United Nations Children's Fund (UNICEF)

**Q3.** Whom did Jyothi Surekha Vennam defeat to win gold in the women's individual Compound event at the 2023 Archery World Cup Stage 1 in Antalya, Turkey?

- (a) Sara Lopez of Columbia
- (b) Chen Yi Hsuan of Chinese Taipei
- (c) Chem Chieh Lun of Chinese Taipei
- (d) None of the above

**Q4.** What is the theme for Earth Day 2023, which is celebrated every year on April 22 to honor the environmental movement and raise awareness to protect natural resources?

- (a) Invest in Our Planet
- (b) Save Our Earth
- (c) Clean Air, Clean Water, Clean Earth
- (d) Reduce, Reuse, Recycle

**Q5.** "Dhamek Stupa" is located at which of the following places?

- (a) Bodh Gaya
- (b) Sarnath
- (c) Sanchi
- (d) Kaushambi

**Q6.** The largest committee of Parliament of India is -

- (a) Public Accounts Committee
- (b) Estimates Committee
- (c) Committee on Public Undertakings
- (d) Joint Parliamentary Committee

**Q7.** Which of the following seas has the highest salinity?

- (a) Caspian Sea
- (b) Mediterranean Sea
- (c) Red sea
- (d) Dead sea

**Q8.** Where did the telegraph line be laid first?

- (a) Calcutta to Diamond Harbour
- (b) Agra to Jaipur
- (c) Delhi to Shimla
- (d) Raniganj to Calcutta

**Q9.** South Asian University (SAU), a joint SARC University of SAARC Nations, has been established in\_\_\_\_\_.

- (a) New Delhi
- (b) Male
- (c) Colombo
- (d) Dhaka

**Q10.** When was Consumer Protection Act (COPRA) passed?

- (a) 1984
- (b) 1980
- (c) 1986
- (d) 1995

**Q11.** If  $a=+$ ,  $b=x$ ,  $c=\div$ ,  $d=-$ , find the value of  $7 \ d \ 99 \ c \ 11 \ a \ 6 \ b \ 3$

- (a) 16
- (b) 7
- (c) -16
- (d) 9

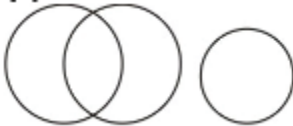
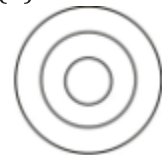
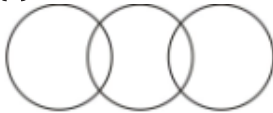
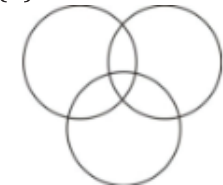
**Q12.** Find the odd one out-

- (a) West Bengal
- (b) Sikkim
- (c) Tripura
- (d) Delhi

**Q13.** Important : Essential :: Awful : ?

- (a) Down
- (b) Drop
- (c) Horrible
- (d) Always

**Q14.** Actor, Headmaster, Queen

- (a) 
- (b) 
- (c) 
- (d) 

**Directions (15-19):** Twelve person are seated along the two rows facing each other. B, U, R, P, D and S are seated in the first row and facing south. A, T, E, F, Q and C are seated in the second row and facing North. T is on the immediate right of F who is facing B. Only C is seated between A and Q and he is not facing U. A and E are sitting at the extreme ends. T is on the immediate left of E. P is on the immediate right of B. S and R are at extreme ends and nobody is seated on the right of S.

**Q15.** Who is facing R?

- (a) A
- (b) E
- (c) Q
- (d) T

**Q16.** Which of the following pairs faces each other?

- (a) PF
- (b) UE
- (c) AD
- (d) DC

**Q17.** Who is facing Q?

- (a) D
- (b) U
- (c) R
- (d) P

**Q18.** If D is related to Q in a certain way and S is related to C in a certain way, then which of the following is U related to?

- (a) E
- (b) F
- (c) T
- (d) A

**Q19.** Who is sitting third to the left of P?

- (a) R
- (b) S
- (c) P
- (d) D

**Q20.** Consider the given question and decide which of the following statements is sufficient to answer the question.

Who among P, Q, R, S and T is lightest in weight?

Statements:

I.  $Q \text{ weight} < P$  and  $S$ . Also,  $S \text{ Weight} > T$

II.  $R \text{ weight} > Q$  but  $< T$

- (a) Neither statement I nor II is sufficient
- (b) Both statement I and II are sufficient.
- (c) Statement I alone is sufficient while statement 2 alone is insufficient
- (d) Statement II alone is sufficient while statement I alone insufficient.

**Q21.** If AMERICA = 1734651, INDIA = 68961, how will you write CANADA?

- (a) 518191
- (b) 511891
- (c) 715148
- (d) 518199

**Q22.** Select the set of numbers that is similar to the following numbers.

- (7, 16, 34)
- (a) (10, 20, 32)
- (b) (12, 25, 50)
- (c) (13, 28, 58)
- (d) (9, 18, 26)

**Q23.** Ram starts walking from point A towards east direction. After walking 15m he reach point B, he turns  $270^\circ$  anticlockwise and starts walking upto 46m till point c. From point C, he turn  $90^\circ$  clockwise and walk for 7m to reach point D. From point D, he turns  $90^\circ$  anticlockwise and then  $180^\circ$  clockwise and start walking upto 31 m to reach point E. What is the shortest distance between A and E and A is in which direction with respect to E ?

- (a) 18 m north west
- (b) 17 m North west
- (c) 17m South east
- (d) 18 m South west

**Q24.** Which letter will replace the question mark (?) in the following series?

V, U, S, P, L, ?, A

- (a) G
- (b) K
- (c) J
- (d) I

**Q25.** Select the set of numbers that is similar to the following set of numbers.

- (3, 5, 7)
- (a) (11, 13, 19)
- (b) (29, 35, 41)
- (c) (19, 21, 31)
- (d) (23, 29, 31)

**Q26.** If FAN = 441 and CAT = 576, Find BAT = ?

- (a) 529
- (b) 484
- (c) 676
- (d) 625

**Q27.** Complete the following series- 12, 18, 30, 54, 102, ?

- (a) 198
- (b) 180
- (c) 178
- (d) 206

**Q28.** Aman Started walking towards east direction from his home. After a while he turned left and later on turned right. He further turned right. Which direction is he facing now?

- (a) North
- (b) South-West
- (c) South
- (d) West

**Q29.** Select the related word from the given alternatives

Blunt : Sharp :: Sow : ?

- (a) Crop
- (b) Seed
- (c) Farmer
- (d) Reap

**Q30.** Arrange the following words in reverse alphabetical order and find the third word from the left?

Singer, Single, Sinister, Simple

- (a) Simple
- (b) Singer
- (c) Single
- (d) Sinister

**Q31.** Which of the following keeps a list of web pages you have visited during the current session?

- (a) history
- (b) cache
- (c) favorites
- (d) trail

**Q32.** Which of the following line describes the contents of the message, when sending an e-mail?

- (a) to
- (b) subject
- (c) contents
- (d) CC

**Q33.** The ability of an operating system to run more than one application at a time is called \_\_\_\_\_.

- (a) Multi-tasking
- (b) Object-oriented programming
- (c) Multi-user computing
- (d) Real-Time

**Q34.** EBCDIC stands for?

- (a) Extended Binary Coded Decimal Interchange Code
- (b) Enlarged Binary Code Digital Interchange Code
- (c) Extended Bilingual Coded Decimal Interchange Code
- (d) Encoded Bilingual Coded Division Interchange Code

**Q35.** \_\_\_\_\_ ports connect special types of music instruments to sound cards.

- (a) MIDI
- (b) CPU
- (c) USB
- (d) BUS

**Q36.** A repair for a known software bug, usually available at no charge on the internet, is called a/an \_\_\_\_\_.

- (a) Version
- (b) Patch
- (c) Tutorial
- (d) FAQ

**Q37.** A handheld device that allows you to control your computer without typing instructions from a keyboard is known as \_\_\_\_\_.

- (a) Tablet
- (b) PDA
- (c) Mouse
- (d) Mike

**Q38.** Which one of the following is internet Standard Protocol?

- (a) TML
- (b) COBOL
- (c) JAVA
- (d) TCP/IP

**Q39.** Which computer virus records every movement you make on your computer?

- (a) Malware Android
- (b) DoS
- (c) Key logger
- (d) Trapper

**Q40.** The program that is used by search engines to search the Internet for documents using their Web addresses is known as:

- (a) Bing
- (b) MSN
- (c) Spider
- (d) Google

**Q41.** Murti, a grade 4 student, is able to read only at the level of a grade 1 student. He also has difficulty matching sounds, spelling words, and reading letters. Murti shows characteristics of-

- (a) Dyspraxia
- (b) Dyscalculia
- (c) Dyslexia
- (d) Dysgraphia

**Q42.** Which domain of development relates to intellectual abilities such as attention, memory, problem-solving, imagination, and creativity?

- (a) Emotional domain
- (b) Cognitive domain
- (c) Social domain
- (d) Physical domain

**Q43.** Sana learned to hold a glass and a bottle before she could hold a pen or button her shirt. This example indicates that -

- (a) Development is unidimensional.
- (b) Direction of development is cephalo-caudal.
- (c) Direction of development is proximo-distal.
- (d) Direction follows a random pattern.

**Q44.** National Education Policy 2020 recommends -

- (a) Multilingualism.
- (b) Monolingualism.
- (c) Standardization of curriculum.
- (d) Standardization of assessment.

**Q45.** The shift proposed in National Education Policy 2020 is from-

- (a) standardization to flexibility
- (b) formative to summative assessment
- (c) conceptual understanding to learning-for-exams
- (d) multidisciplinary to rigidity

**Q46.** Which of the following has NOT been promoted by National Education Policy, 2020 in context of education of students with disabilities?

- (a) Appropriate infrastructure
- (b) One-on-one teachers and tutors
- (c) Compulsory Special Education
- (d) Suitable technological interventions



**Q47.** At first, a child uses his hand to hold the things but later he manages to hold them with his fingers. The developmental principle here is -

- (a) Development is the process of interaction
- (b) Development follows uniformity of pattern
- (c) Development is cumulative
- (d) Development proceeds from general to specific

**Q48.** Helping learners recapitulate or recall what they have already learned is important because-

- (a) it is a convenient beginning for any classroom instruction
- (b) relating new information to prior knowledge enhances learning
- (c) it is an effective way of revising old lessons
- (d) it enhances the memory of learners, thereby strengthening their learning

**Q49.** Which one is not included in the advantages of using pictures and photographs as a teaching learning material?

- (a) Economical
- (b) Time-saving
- (c) Effective
- (d) None of the above

**Q50.** Why do we need to assess students' learning?

- (a) assessment enables quantitative and qualitative understanding of the progress of learning among the students
- (b) assessment provides feedback to students about their progress
- (c) assessment is a good way to label a student as a fast learner and slow learner
- (d) both (a)&(b)

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

वर्तमान युग कंप्यूटर का युग है। यदि भारतवर्ष पर नज़र दौड़ाकर देखें तो हम पाएँगे कि जीवन के लगभग सभी क्षेत्रों में कंप्यूटर को प्रवेश हो गया है। बैंक, रेलवे-स्टेशन, हवाई-अड्डे, डाकखाने, बड़े-बड़े, उद्योग-कारखाने, व्यवसाय हिसाब-किताब तथा रूपये गिनने तक की मशीनें कंप्यूटरीकृत हो गई हैं। आज भी कंप्यूटर का प्रारंभिक प्रयोग है तथा आने वाला समय इसके विस्तृत फैलाव का संकेत दे रहा है। प्रश्न उठता है कि कंप्यूटर आज की जरूरत है? इसका उत्तर है - कंप्यूटर जीवन की मूलभूत अनिवार्य वस्तु तो नहीं है, किंतु इसके बिना आज की दुनिया अधुरी जान पड़ती है। सांसारिक गतिविधियों, परिवहन और संचार उपकरणों आदि का ऐसा विस्तार हो गया है कि उन्हें सुचारू रूप से चलाना अत्यंत कठिन होता जा रहा है।

पहले मनुष्य जीवन - भर में यदि सौ लोगों के संपर्क में आता था, तो आज वह दो - हजार लोगों के संपर्क में आता है। पहले वह दिन में पाँच - दस लोगों से मिलता था, तो आज पचास - सौ लोगों से मिलता है। पहले वह दिन में काम करता था, तो आज रातें भी व्यस्त रहती हैं। आज व्यक्ति के संपर्क बढ़ रहे हैं, व्यापार बढ़ रहे हैं, गतिविधियाँ बढ़ रही हैं, आकांक्षाएँ बढ़ रही हैं तथा साधन बढ़ रहे हैं। इस अनियंत्रित गति को सुव्यवस्था देने की समस्या आज की प्रमुख समस्या है। कहते हैं आवश्यकता आविष्कार की जननी है। इस आवश्यकता ने अपने अनुसार निदान ढूँढ लिया है।

कंप्यूटर एक ऐसी स्वचालित प्रणाली है जो किसी भी अव्यवस्था को व्यवस्था में बदल सकती है। हड़बड़ी में होने वाली मानवीय भूलों के लिए कंप्यूटर रामबाण औषधि है। क्रिकेट के मैदान में अंपायर की निर्णायक भूमिका हो या लाखों - करोड़ों की लंबी - लंबी गणनाएँ, कंप्यूटर पलक झपकते ही आपकी समस्या हर कर सकता है। पहले इन कामों को करने वाले कर्मचारी हड़बड़ाकर काम करते थे, एक भूल से घबराकर और अधिक गड़बड़ी करते थे। परिणामस्वरूप काम कम, तनाव अधिक होता था। अब कंप्यूटर की सहायता से काफी सुविधा हो गई है।

**Q51.** वर्तमान युग कंप्यूटर का युग क्यों है?

- (a) क्योंकि कंप्यूटर के बिना जीवन की कल्पना असंभव सी हो गई है
- (b) क्योंकि कंप्यूटर ने पूरे विश्व के लोगों को जोड़ दिया है
- (c) क्योंकि कंप्यूटर जीवन की अनिवार्य मूलभूत वस्तु बन गई है
- (d) क्योंकि कंप्यूटर मानव सभ्यता के सभी अंगों का अभिन्न अवयव बन चुका है।

**Q52.** गद्यांश के अनुसार, कंप्यूटर के महत्व के विषय में कौन - सा विकल्प सही है?

- (a) कंप्यूटर काम के तनाव को समाप्त करने का उपाय है
- (b) कंप्यूटर कई मानवीय भूलों को निर्णायक रूप से सुधार देता है
- (c) कंप्यूटर के आने से सीसी हड़बड़ाहट दूर हो गई है
- (d) मानव की सारी समस्याओं का हल कंप्यूटर द्वारा ही संभव है

**Q53.** गद्यांश के अनुसार, किस आवश्यकता ने कंप्यूटर में अपना निदान ढूँढ लिया है?

- (a) अनियंत्रित कर्मचारियों को अनुशासित करने की
- (b) अनियंत्रित गति को सुव्यवस्था देने की
- (c) अधिक - से अधिक लोगों से जुड़ जन - जागरण लाने की
- (d) अधिक - से - अधिक कार्य कभी भी व कहीं भी करने की

**Q54.** कंप्यूटर के प्रयोग से पहले अधिक तनाव क्यों होता था

- (a) लंबी - लंबी गणनाएँ करनी पड़ती थीं
- (b) गलतियाँ होने के डर से कर्मचारी घबराए हुए रहते थे
- (c) क्रिकेट मैचों में गलत निर्णय का खततरा रहता था
- (d) मानवीय भूलों के कारण बड़ी दुर्घटनाएँ होती थीं

**Q55.** कंप्यूटर के बिना आज की दुनिया अधूरी है, क्योंकि  
 (a) सारी व्यवस्था, उपकरण और मशीनों कंप्यूटरीकृत हैं  
 (b) कंप्यूटर ही मानव एकीकरण का आधार है  
 (c) कंप्यूटर से सारी प्रक्रियाँ आसान बना दी है  
 (d) कंप्यूटर द्वारा मानव सभ्यता अधिक समर्थ हो गई है

**Q56.** 'हाथी के दांत खाने के और दिखाने के और', इसका अर्थ है-  
 (a) असली वस्तु दिखाकर नकली वस्तु देना  
 (b) बड़ी-बड़ी बातें बनाकर किसी को धोखा देना  
 (c) नम्बर दो का व्यापार करना  
 (d) दोहरा व्यवहार करना

**Q57.** निम्नलिखित में में अशुद्ध वाक्य है-  
 (a) एक गानों की किताब ले आना  
 (b) हमेशा देर से आना इसकी आदत है  
 (c) तुम वही करो जो मैं कहता हूँ  
 (d) वर्षा में काले बादलों से आच्छन्न आकाश को देख मोर नाचने लगे

**Q58.** निम्नलिखित में से किस वाक्य में वचन संबंधी अशुद्धि है-  
 (a) लड़कों से यह बात बताई नहीं गई  
 (b) राष्ट्रप्रेम के कारण देशसेविका ने सब गहने उतारा फेंका  
 (c) ऐसी बातों पर ध्यान नहीं दिया जाता  
 (d) मालिक ने लगान वसूल कर लिया

**Q59.** 'ऊँची दूकान फीके पकवान' इस लोकोक्ति का अर्थ है-  
 (a) काम न जानना और बहाना बनाना  
 (b) केवल बाह्य प्रदर्शन  
 (c) एक काम से दूसरा काम हो जाना  
 (d) एक का प्रभाव दूसरे पर अवश्य पड़ता है

**Q60.** 'जिसका कोई शत्रु पैदा ही नहीं हुआ हो', इस वाक्यांश के लिए एक शब्द का चयन कीजिए-  
 (a) आजानबाहु  
 (b) अजातपूर्व  
 (c) अजातशत्रु  
 (d) अज्ञातशत्रु

**Directions (61 - 65):** Read the following passage carefully and answers the questions given below it. Certain words are given in bold to help you locate them while answering some of the questions.

Astrologers habitually prone to goof-ups now have an excuse for why their predictions have been going haywire: the emergence of newer and newer planets that have caused their calculations to go awry. for the international team of astronomers who recently discovered eight new planets, the new arrivals are, however, a cause for excitement. indeed, even as the rest of the world continues to be consumed by a morbid passion for shiny new war machines, deadly chemicals and sinister war tactics, astronomers have been doggedly searching the heavens for more heavenly bodies in the belief that the search will take us closer to a more **exalted** goal - that of knowing the truth about us and the universe. "Reality is much bigger than it seems...the part we call the universe is the merest tip of the iceberg", one scientist remarked. How true. In the beginning sceptics wouldn't accept that the earth actually moves, let alone that it revolves around the sun because of an unshaken belief that the earth was the center of the universe. We've come a long way. Today, scientists have spotted nearly 80 extra-solar planets using sophisticated instruments.

What's more, our universe may not be the only universe in the cosmos; there could well be several parallel universes teeming with many galaxies, solar systems, and planets, although none of this may be **perceptible** to the naked eye. Perhaps sages who say that truth is not easily perceptible, mean just this — that what is evidently before us is not the whole truth. Scientists say that "everything in the tangible universe has its shadowy counterparts in other, parallel universes".

In fact, it is by observing the play of cosmic light and shadow through powerful devices that scientists have been able to 'feel' shapes or 'see' shadows that indicate the existence of other heavenly bodies without actually seeing them. The international team of scientists involved in the present discovery conducted their search through telescopes in Australia, Belgium, the UK and the US. Two of the newly discovered eight planets are believed to have circular orbits very like the Earth's, while the others

have well-defined elliptical orbits much like Pluto's. This is significant because a planet with a circular orbit would more likely be hospitable to life forms than would one with an elliptical orbit. In the latter, the planet experiences extreme temperatures depending on whether it is **proximate** to or distant from the energy-giving star it's circumambulating. As in the case of other recent discoveries - such as finding traces of microbes in a meteorite - this too strengthens the belief that we're not alone in the universe.

So, would we be exchanging intergalactic e-mails soon? Perhaps not as yet, given that our closest neighboring galaxy is millions of light years away. What is within our immediate grasp, though, is exploring the **viability** of establishing human settlements in space — an Endeavour that has assumed urgency what with biological terrorism and the like threatening humankind on earth. As Stephen hawking recently said, "I don't think the human race will survive the next thousand years unless we spread into space. There are too many accidents that can befall life on a single planet".

**Q61.** According to the author's belief, it can be inferred that all of the following are not true except  
(a) It is unlikely that the human race can survive the next thousand years.

(b) It seems quite likely that the human race can survive the next thousand years.

(c) Accidents will wipe out the human race from this planet by accidents within the next one thousand years.

(d) Earth is the only planet with life.

**Q62.** According to the passage it can be inferred that:

(a) Finding traces of microbes in a meteorite proves the existence of life on other planets.

(b) Finding traces of microbes in a meteorite converted the belief into the truth that we are not alone in the universe.

(c) Finding traces of microbes in a meteorite would make it possible to exchange galactic e-mails in future.

(d) Finding traces of microbes in a meteorite made us think about exploring the viability of establishing human settlements in space.

**Q63.** According to the passage it can be inferred that  
(a) A planet with a circular orbit is more likely to be hospitable to life than would one with an elliptical orbit because the latter experiences very low temperatures.

(b) A planet with a circular orbit is more likely to be hospitable to life form than would one with an elliptical orbit since the latter is proximate to the energy-giving star it is circumambulating.

(c) A planet with a circular orbit is more likely to be hospitable to life forms than would one with an elliptical orbit because the latter experiences extreme temperatures.

(d) Both (a) and (c).

**Q64.** According to the passage, we can infer that -

(a) Parallel universes are half truth and half is not perceptible

(b) Parallel universes are not easily perceptible because they are not the whole truth.

(c) Parallel universes are not easily perceptible and what we perceive is not the whole truth.

(d) Truth is always easily perceptible.

**Q65.** After the discovery of new planets, according to the passage, scientists are-

(a) Euphoric.

(b) Jubilant.

(c) Enthusiastic.

(d) Elated.

**Q66.** Read the sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is '4' i.e. No error. (Ignore the errors of punctuation, if any).

My sister has done (1)/and is still doing (2)/excellent work for her business. (3)/No error (4)

(a) 1

(b) 2

(c) 3

(d) 4

**Q67.** Choose the correct meaning of the given idiom or phrase

**A Close Shave**

- (a) Narrow escape
- (b) Diversion
- (c) Victory
- (d) Defeat

**Q68.** Select the antonym of the given word.

**GRIM**

- (a) severe
- (b) harsh
- (c) pleasant
- (d) Beautiful

**Q69.** Select the synonym of the given word.

**IMMINENT**

- (a) important
- (b) forthcoming
- (c) immature
- (d) truthful

**Q70.** Choose the correct form of adverb for the given sentence.

**The little lamb followed him \_\_\_\_\_.**

- (a) Somewhere
- (b) Anywhere
- (c) Backward
- (d) Everywhere

## Solutions

**S1. Ans.(b)**

**Sol.** The President of India has appointed Justice Sarasa Venkatanarayana Bhatti as the Acting Chief Justice of the Kerala High Court with effect from April 24, 2023, in the exercise of the power conferred by Article 223 of the Constitution of India.

- He will replace the current Chief Justice S Manikumar, who will retire on the aforementioned date.
- Justice Sarasa Venkatanarayana Bhatti is a senior-most judge of the Kerala High Court and has previously served as a Judge from the Andhra Pradesh High Court.

**S2. Ans.(c)**

**Sol.** The Asia Pacific Leaders' Conclave on Malaria Elimination is being organized by the Ministry of Health and Family Welfare in partnership with the Asia Pacific Leaders Malaria Alliance (APLMA) in New Delhi on April 24, 2023.

- The conclave aims to reaffirm political commitment to galvanize action for malaria elimination by 2030 and revitalize national and regional momentum towards the goal of an Asia Pacific Free from Malaria by 2030.

**S3. Ans.(a)**

**Sol.** Jyothi Surekha Vennam defeated **Sara Lopez of Columbia** to win gold in the women's individual Compound event at the 2023 Archery World Cup Stage 1 in Antalya, Turkey.

- Chen Yi Hsuan and Chem Chieh Lun of Chinese Taipei were defeated by the Indian mixed team in the mixed team event, not in the women's individual Compound event.

**S4. Ans.(a)**

**Sol.** The theme for Earth Day 2023 is "**Invest in Our Planet**".

- Earth Day is celebrated every year on April 22 to honor the environmental movement and raise awareness to protect natural resources.
- Gaylord Nelson founded Earth Day for environmental education in 1970.

**S5. Ans.(b)**

**Sol.** Dhamek Stupa is a massive stupa located at Sarnath, 13 km away from Varanasi in the state of Uttar Pradesh.

**S6. Ans.(b)**

**Sol.** Estimate Committee largest committee of the Parliament of India. It consists of 30 members who are elected by the Lok Sabha every year from among its members.



**S7. Ans.(d)**

**Sol.** The Dead Sea has the highest salinity. The Dead Sea is 306 m (1,004 ft) deep, the deepest hypersaline lake in the world. With 34.2% salinity (in 2011), it is also one of the world's saltiest bodies of water.

**S8. Ans.(a)**

**Sol.** British India's first telegraph line and office was opened in October 1851, between Calcutta and Diamond Harbour along the busy shipping route on the Hooghly. By March 1854, there were 800 miles of telegraph lines between Calcutta and Agra.

**S9. Ans.(a)**

**Sol.** South Asian University is an International University sponsored by the eight Member States of the South Asian Association for Regional Cooperation. South Asian University (SAU), a joint SARC University of SAARC Nations, has been established in New Delhi.

**S10. Ans.(c)**

**Sol.** Consumer Protection Act, 1986 is an Act of the Parliament of India enacted in 1986 to protect the interests of consumers in India. It makes provision for the establishment of consumer councils and other authorities for the settlement of consumer disputes.

**S11. Ans.(a)**

**Sol.**  $7 - 99 \div 11 + 6 \times 3$

$7 - 9 + 18$

16

**S12. Ans.(d)**

**Sol.** All are states except (d).

**S13. Ans.(c)**

**Sol.** As important is essential, so Awful is horrible.

**S14. Ans.(a)****S15. Ans.(b)**

**Sol.**

S D P B U R

A C Q F T E

**S16. Ans.(d)**

**Sol.**

S D P B U R

A C Q F T E

**S17. Ans.(d)**

**Sol.**

S D P B U R

A C Q F T E

**S18. Ans.(a)**

**Sol.**

S D P B U R

A C Q F T E

**S19. Ans.(a)**

**Sol.**

S D P B U R

A C Q F T E

**S20. Ans.(b)**

**Sol. Sol.** From Ist statement,

$Q < P$  and  $S$

And  $T < S$

From IInd statement,

$\neg(Q < R < T)$

And  $T < S$  (From Ist)

So,

$Q < R < T < S$

Also  $Q < S$

So, it is clear that Q is lightest in weight.

**S21. Ans.(a)**

**Sol.** C A N A D A

5 1 8 1 9 1

**S22. Ans.(c)**

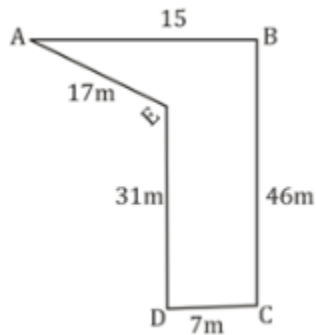
**Sol.**

7                  16                  34  
 $\times 2 + 2$                    $\times 2 + 2$

13                  28                  58  
 $\times 2 + 2$                    $\times 2 + 2$

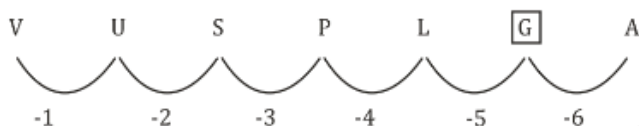
**S23. Ans.(b)**

**Sol.**



**S24. Ans.(a)**

**Sol.**



**S25. Ans.(d)**

**Sol.** The series is consecutive prime number.

**S26. Ans.(a)**

**Sol.** B = 2

A = 1

T = 20

BAT =  $2 + 1 + 20 = (23)^2 = 529$

**S27. Ans.(a)**

**Sol.**  $12+6=18$

$18+12= 30$

$30+24= 54$

$54+48= 102$

$102+96= 198$

**S28. Ans.(c)**

**Sol.**



**S29. Ans.(d)**

**Sol.** Antonym of Blunt is Sharp, Similarly, Antonym of Sow is Reap.

**S30. Ans.(b)**

**Sol.** Sinister, Single, Singer, Simple

**S31. Ans.(a)**

**Sol.** History keeps a list of web pages you have visited during the current session

**S32. Ans.(b)**

**Sol.** Subject define the content of the email message.

**S33. Ans. (a)**

**Sol.** The ability of an operating system to run more than one application at a time is called multi-tasking.

**S34. Ans (a)**

**Sol.** EBCDIC stands for Extended Binary Coded Decimal Interchange Code. It is a binary code for alphabetic and numeric characters that IBM developed for its larger operating systems.

**S35. Ans (a)**

**Sol.** MIDI stands for Musical Instrument Digital Interface, is a technical standard that describes a protocol, digital interface and connectors and allows a wide variety of electronic musical instruments, computers and other related devices to connect and communicate with one another.

**S36. Ans.(b)**

**Sol.** A patch is a piece of software designed to update a computer program or its supporting data to fix or improve it.

**S37. Ans.(c)**

**Sol.** A mouse is a handheld device that allows you to control your computer without typing the instructions from the keyboard. By using a mouse, you can select icons, open programs, and select, commands, present in a program by moving the pointer.

**S38. Ans.(d)**

**Sol.** TCP/IP, which stands for Transmission Control Protocol/Internet Protocol, is an industry-standard protocol suite for WANs. On the other hand, HTML, COBOL, JAVA and C++ are computer programming languages.

**S39. Ans.(c)**

**Sol.** A keylogger is a type of surveillance software (considered to be either software or spyware) that has the capability to record every keystroke you make to a log file, usually encrypted. A keylogger recorder can record instant messages, e-mail, and any information you type at any time using your keyboard.



**S40. Ans.(c)**

**Sol.** Spider is an important element of a search engine that browses the Internet in a systematic manner.

**S41. Ans.(c)**

**Sol.** This is a disability in which students face difficulty regarding the spelling of words, difficulty in reading letters, unable to make the best arrangement of the alphabet in words, faces difficulty matching sounds. These are the common difficulties in Dyslexia.

**S42. Ans.(b)**

**Sol.** Cognitive Development refers to the process of growth and change in intellectual/mental abilities such as attention, memory, problem-solving, imagination, creativity, thinking, reasoning and understanding.

**S43. Ans. (c)**

**Sol.** Proximodistal development is the progression of motor development radiating from the center of an organism to the periphery. The classic example is a child learning to move her shoulders before learning to control fine finger movement.

**S44. Ans.(a)**

**Sol.** National Education Policy 2020 recommends Multilingualism. New policy promotes Multilingualism in both schools and higher education as multilingual education stresses using a student's mother tongue, or native language, to teach students as it makes learning effective. A Classroom that uses multicultural education use various strategies to help students learn in their native languages. The NEP 2020 recommends regular, formative and competency-based and focuses on assessment for learning.

**S45. Ans.(a)**

**Sol.** The shift proposed in National Education Policy 2020 is from standardization to flexibility. According to NEP 2020, A good educational institution is one in which every student feels welcomed and cared for, where a safe and stimulating learning environment exists, where a wide range of learning experiences are offered, and where good physical infrastructural and appropriate resources conducive to learning are available to all students.

**S46. Ans.(c)**

**Sol.** Compulsory Special Education has NOT been promoted by the National Education Policy, 2020 in the context of the education of students with disabilities.

The following are some of the recommendations in the NEP-

- Barrier-free access for all children with disabilities
- Assistive devices and appropriate technology-based tools, as well as adequate and language-appropriate teaching-learning materials (e.g., textbooks in accessible formats such as large print and Braille)
- **Choice of schooling and equity in education:** Children with benchmark disabilities s choose between regular or special schooling and Home-based education (for children with severe and profound disabilities who are unable to go to schools). An audit of home-based education for its efficiency and effectiveness will be initiated and guidelines and standards would be developed based on this audit.
- **Resource centers** will support the rehabilitation and educational needs of learners with severe or multiple disabilities and will assist parents/guardians in achieving high-quality homeschooling and skilling for such students as needed. Special educators along with regular teachers would assist in these tasks.

**S47. Ans.(d)**

**Sol.** At first, the child uses his hand to hold the things, but later he manages to hold them with his fingers. The developmental principle here is development proceeds from general to specific

**S48. Ans.(b)**

**Sol.** Helping learners recapitulate or recall what they have already learned is important because relating new information to prior knowledge enhances learning.

**S49. Ans.(d)**

**Sol.** Visual capture is called a picture. It is one of the important visual teaching aids. Pictures are cheap. It is low-cost teaching learning material. The use of pictures saves time. video help of pictures one can explain the content of the lesson effectively.

**S50. Ans.(d)**

Some of the purposes served by the assessment are:

- Enable quantitative and qualitative understanding of the progress of learning among the students
- Diagnose the gaps in realising the objectives of EVS and take necessary measures
- Provide feedback to students about their progress and motivate and guide students in further learning.

**S51. Ans.(a)**

**Sol.** क्योंकि कंप्यूटर के बिना जीवन की कल्पना असंभव सी हो गई है गद्यांश के आधार पर कह सकते हैं कि वर्तमान युग कंप्यूटर का युग है, क्योंकि कंप्यूटर के बिना जीवन की कल्पना करना असंभव सा हो गया है। इसके बिना दुनिया अधूरी जान पड़ती है।

**S52. Ans.(b)**

**Sol.** कंप्यूटर कई मानवीय भूलों को निर्णायक रूप से सुधार देता है गद्यांश में स्पष्ट किया गया है कि हड़बड़ी में होने वाली मानवीय भूलों के लिए यह कंप्यूटर रामबाण औषधि है। अतः कंप्यूटर के महत्व के विषय में यह कथन सही है कि कंप्यूटर कई मानवीय भूलों को निर्णायक रूप से सुधार देता है।

**S53. Ans.(b)**

**Sol.** अनियंत्रित गति को सुव्यवस्था देने की गद्यांश के अनुसार, अनियंत्रित गति को सुव्यवस्था देने की आवश्यकता ने कंप्यूटर में अपना निदान ढूँढ लिया है।

**S54. Ans.(b)**

**Sol.** गलतियाँ होने के डर से कर्मचारी घबराए हुए रहते थे कंप्यूटर के प्रयोग से पहले अधिक तनाव इसलिए होता था, क्योंकि पहले इन पर काम करने वाले कर्मचारी हड़बड़ाकर काम करते थे, एक भूल से घबराकर और अधिक गड़बड़ी करते थे। इसके परिणामस्वरूप काम कम और तनाव अधिक होता था।

**S55. Ans.(a)**

**Sol.** सारी व्यवस्था, उपकरण और मशीनें कंप्यूटरीकृत हैं कंप्यूटर के बिना आज की दुनिया अधूरी इसलिए है, क्योंकि वर्तमान समय में सारी व्यवस्था, उपकरण और मशीनें कंप्यूटरीकृत हो गई हैं।

**S56. Ans. (d)**

**Sol.** 'हाथी के दांत खाने के और दिखने के और' इसका अर्थ है- दोहरा व्यवहार करना।

**S57. Ans. (a)**

**Sol.** 'एक गानों की किताब ले आना' के स्थान पर 'गानों की एक किताब ले आना' का प्रयोग उचित है।

**S58. Ans. (b)**

**Sol.** 'यहाँ 'राष्ट्रप्रेम के कारण देशसेविका ने सब गहने उतारा फेंका' के स्थान पर 'राष्ट्रप्रेम के कारण देशसेविका ने सब गहने उतारा फेंके' का प्रयोग उचित है।

**S59. Ans.(b)**

**Sol.** 'ऊँची दूकान फीके पकवान' इस लोकोक्ति का अर्थ है- केवल ब्राह्म प्रदर्शन।

**S60. Ans. (c)**

**Sol.** 'जिसका कोई शत्रु पैदा ही नहीं हुआ हो'- अजातशत्रु।

**S61. Ans.(a)**

**Sol.** The answer is clearly stated in the last sentence of the passage where the author quotes a statement by Stephen Hawking.

**S62. Ans.(d)**

**Sol.**

The answer is stated in the second paragraph in the lines, "As in the case of recent discoveries .....establishing human settlements in space".

**S63. Ans.(c)**

**Sol.** The answer is stated in the second paragraph in the lines, "This is significant because .....star it's circumambulating."

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**S64. Ans.(c)**

**Sol.** The answer is clearly stated in the last statement of the first paragraph.

**S65. Ans.(c)**

**Sol.** In the passage, it is mentioned that the new discoveries have excited scientists. Out of the options, enthusiastic is the closest synonym of excited.

**S66. Ans.(d)**

**Sol.** No error. The sentence is grammatically correct and conveys the intended meaning. It states that the sister has completed some excellent work in the past, and she is currently continuing to do excellent work for her business.

**S67. Ans.(a)**

**Sol.** Narrow escape. "A close shave" refers to a situation in which someone narrowly escapes a dangerous or difficult situation. It implies that the person or group involved faced a significant risk or challenge but managed to avoid harm or failure by a very slim margin. The phrase is often used metaphorically to describe any situation in which someone narrowly avoids a negative outcome or a potentially disastrous consequence.

**S68. Ans.(c)**

**Sol.** Grim means very serious or gloomy. Therefore, the antonym of "GRIM" is pleasant. It represents something that is cheerful, agreeable, or enjoyable. It carries a sense of beauty, happiness, or a general feeling of positivity. An example of a sentence using the antonym could be: "After a long and grueling journey, they were relieved to arrive at a pleasant and welcoming destination."

**S69. Ans.(b)**

**Sol.** Imminent means coming or likely to happen very soon.

Forthcoming means about to happen or appear.

**S70. Ans.(d)**

**Sol.** The correct adverb to fill in the blank in the sentence "The little lamb followed him \_\_\_\_\_" is Everywhere.

The adverb "everywhere" means in or to all places or locations. In the context of the sentence, it indicates that the little lamb followed him in all places.