

57. In the context of the paragraph, which of the following statements is true?

- A) Girls are less likely to face education barriers during the COVID-19 pandemic.
- B) Crisis situations have not impacted the likelihood of girls being out of school.
- C) Young and adolescent girls are more exposed to health risks and psychosocial challenges.
- D) The risk of domestic and gender-based violence is reduced when girls are not in school.

58. Which of the following is a synonym of 'AGGRAVATION'?

- A) Inconvenience
- B) Achievement
- C) Innovation
- D) Pandemic

59. Online classes were advantages for some learners due to

- i. Self-paced courses
- ii. Reduced commuting
- iii. Cost efficiency
- iv. Increased engagement

- A) ii, iii, iv
- B) i, ii, iii
- C) i, iii, iv
- D) i, ii, iii, iv

60. He has _____ evidence to prove his innocence.

- A) many
- B) all
- C) either
- D) enough

(Set - A)

(15)

[P.T.O.]

On the bedside she discovered a great _____ sheet of fine paper.

- A) much
- B) one
- C) many
- D) both

I got up and went out to the veranda for _____ air, but the wind god seemed to have taken time off.

- A) a little
- B) little
- C) the little
- D) None of these

In this question, choose the alternative bearing the correct spelling from a, b, c and d.

- A) Assidious
- B) Asduous
- C) Assiduos
- D) Assiduous

4. In this question, choose the alternative bearing the correct spelling from a, b, c and d.

- A) Facsmile
- B) Facsimile
- C) Facsimle
- D) Facisimile

55. Find the wrongly spelt word from the below sentence.

The emission of smoke and toxic chemicals has been raising the level of sulfur dioxide in the atmosphere

- A) emission
- B) chemicals
- C) Sulfur dioxide
- D) atmosphere

66. Below sentence is divided into parts a, b, c & d. Which part of the sentence has grammatical errors?

when carefully examined (a)/it was found that there (b)/were some missing pieces (c)/in the evidence given by him.(d)

- A) When carefully examined
- B) it was found that there
- C) were some missing pieces
- D) in the evidence given by him

(Set -A)

(16)

67. Identify the grammatically correct sentence.
- A) The receptionist must answer courteously the questions what are asked by the callers.
 - B) The receptionist must answer courteously for the questions of all the callers.
 - C) The receptionist should answer courteously the questions of all the callers.
 - D) The receptionist courteously should answer the question of callers.
68. Identify the grammatically correct sentence.
- A) The villagers were enjoying the winter evening around the fire.
 - B) The villagers were enjoying winter evening round a fire.
 - C) The villagers were enjoying a winter evening around fire.
 - D) The villagers was enjoying the winter evening round the fire.
69. Given below are five scattered segments of a sentence. Indicate the correct sequence which correctly assembles the segments and completes the sentence.
- a) **A consumer protection drive to educate**
 - b) **Against using fraudulent means**
 - c) **The people about their rights and to warn traders**
 - d) **The administration will soon launch**
- A) d a c b
 - B) b c a d
 - C) c a b d
 - D) d c b a
70. Find correct sequence of sentence:
- P. i have not come to complain he said**
 - Q. even if it means some humiliation**
 - R. but the boy must learn to be honest**
 - S. and admit he broke it.**
- A) PQRS
 - B) QRPS
 - C) QPRS
 - D) PRQS
71. What is the theme of the 'World Pulses Day' 2023?
- A) Pulses for a Sustainable Future
 - B) Pulses for Malnutrition
 - C) Pulses for a Healthier Future
 - D) Pulses for a Scalable Future
72. Which day is celebrated as 'Shaheed Diwas', to commemorate the anniversary of the execution of Sukhdev Thapar, Bhagat Singh and Shivaram Rajguru?
- A) March 1
 - B) March 10
 - C) March 13
 - D) March 23

(Set - A)

(17)

[P.T.O.]



73. When is the National Sports Day celebrated in India?
A) August 21
B) August 23
C) August 28
D) August 29
74. What is the theme of 'Vigilance Awareness Week 2023'?
A) Say no to corruption, commit to the Nation
B) Integrity and ethics
C) Stay Vigilant; Stay Honest
D) Information is Power
75. When is Constitution Day observed in India?
A) November 26
B) January 26
C) August 15
D) July 15
76. Pandit Bhimsen Joshi is related to which form of art?
A) Flute player
B) Sitar Maestro
C) Odissi dancer
D) Hindustani Vocalist
77. Who wrote Mudrarakshasa?
A) Rabindranath Tagore
B) Satyajit Ray
C) Visakhadutt
D) Kalidas
78. Where is Nanda Devi National Sanctuary located?
A) Uttarakhand
B) Himachal Pradesh
C) Jammu and Kashmir
D) Sikkim
79. Which of the following laid the foundation of Lodhi dynasty?
A) Sikandar Lodhi
B) Ibrahim Lodhi
C) Bahlol Lodhi
D) None of the above
80. Maharaj Hari Singh signed the instrument of accession on?
A) Oct 26, 1947
B) Oct 30, 1947
C) Oct 18, 1947
D) Aug 15, 1947
81. The meaning of Rajatarangini is?
A) Kings of Kashmir
B) Wars in Kashmir
C) River of Kings
D) Rivers of Kashmir

(Set - A)

82. In which year Hari Singh ascended the throne as Maharaja of Jammu and Kashmir?
A) 1925
B) 1930
C) 1935
D) 1945
83. Who is known as nightingale of Kashmir?
A) Lala Ded
B) Nighat Sahiba
C) Rupa Bhawani
D) Habba Khatoon
84. Who is known as "Father of Dogri"?
A) Dinu Bhai Pant
B) Ram Nath Shastri
C) Deen Bhandu Sharma
D) Padma Sachdeva
85. Which of the following rivers is also known as Hydaspes?
A) Jhelum
B) Ravi
C) Indus
D) Chenab
86. The largest fresh water lake in Jammu Kashmir is?
A) Mansar Lake
B) Dal Lake
C) Wular Lake
D) Aanchar lake
87. Bhajan Sopori is associated with which instrument?
A) Santoor
B) Surahi
C) Flute
D) Table
88. Martand Temple of Kashmir is dedicated to which god?
A) Birth God
B) Wind God
C) Death God
D) Sun God
89. Letri dance is a
A) Birth Dance
B) Wedding Dance
C) Labour Dance
D) Festival Dance
90. Chenani Nashri Tunnel is also known as:
A) New Katra Tunnel
B) Shyama Prasad Mukherjee Tunnel
C) Panthal Tunnel
D) Pir Panjal Tunnel

(Set - A)

(19)

[P.T.O.]



91. The Andaman group of islands and Nicobar group of islands are separated from each other by
- Ten Degree Channel
 - Great Channel
 - Minicoy Hill
 - Palk Strait
92. Siachen glacier is located near to which of the following valley?
- Nubra Valley
 - Doon Valley
 - Silent Valley
 - Neelam Valley
93. Kanchenjunga is situated in which state of India?
- Sikkim
 - Arunachal Pradesh
 - Himachal Pradesh
 - Uttarakhand
94. What is the other name of Sahyadri Range?
- Lesser Himalayas
 - Eastern Ghats
 - Western Ghats
 - Shivalik
95. The largest brackish water lake of India is in the state of?
- West Bengal
 - Jammu and Kashmir
 - Kerala
 - Odisha
96. Which of the following birds cannot fly?
- Kiwi
 - Ostrich
 - Penguin
 - All of the above
97. Deficiency of _____ causes rickets disease.
- Vitamin A
 - Vitamin B
 - Vitamin C
 - Vitamin D

(Set - A)

(20)



98. Who gave the Theory of Relativity?
- A) Albert Einstein
 - B) Isaac Newton
 - C) Archimedes
 - D) Galileo Galilei
99. What is the fuel in the Sun?
- A) Oxygen
 - B) Carbond dioxide
 - C) Hydrogen
 - D) Pottasium
100. Inert gases are
- A) Not stable
 - B) Miscible with water
 - C) Chemically unreactive
 - D) Chemically very active
101. Which Indian state is known as 'God's Own Country'?
- A) Jammu and Kashmir
 - B) Sikkim
 - C) Nagaland
 - D) Kerala
102. Which of the following statements are correct?
- i. Chandigarh is the capital of both Punjab and Haryana.
 - ii. Rajasthan is the largest state of India.
 - iii. Uttar Pradesh is the most populous state of India.
 - iv. Kerala has the highest literacy rate in India.
- A) Both (i) and (iv)
 - B) Both (ii) and (iii)
 - C) None of the above
 - D) All of the above
103. Deficiency of iron causes
- A) Leukemia
 - B) Anaemia
 - C) Polycythemia
 - D) Leukopenia
104. Which of the following is enriched with Vitamin C?
- A) Cheese
 - B) Milk
 - C) Meat
 - D) Citrus Fruits

(Set - A)

(21)



113. Martand temple at Anantnag was built by?
- A) Awantivarman
 - B) Lalitaditya
 - C) Ashoka
 - D) Jaishima
114. Who is known as father of Kashmiri Gazal?
- A) Mahjoo
 - B) Abdul Ahad Azad
 - C) Mahmood Gami
 - D) Rasul Mir
115. In which month saffron festival is celebrated?
- A) April
 - B) November
 - C) January
 - D) September
116. The driving force of an ecosystem is.
- A) Carbon Mono oxide
 - B) Biogas
 - C) Solar Energy
 - D) Carbon dioxide
117. Who among the following nations is not a member of BRICS?
- A) India
 - B) China
 - C) Russia
 - D) Indonesia
118. Which of the gas is not known as greenhouse gas?
- A) Methane
 - B) Nitrous Oxide
 - C) Carbon dioxide
 - D) Hydrogen
119. What does COP28 stand for in the context of climate change?
- A) Climate Observations Program 28
 - B) Conference of the Parties 28
 - C) Conference on Pollution Control 28
 - D) Convention for Ozone Protection 28
120. In 2019, Which popular singer was awarded the Bharat Ratna award?
- A) Lata Mangeshkar
 - B) Asha Bhosle
 - C) Bhupen Hazarika
 - D) Manna Dey

(Set - A)

(23)

[P.T.O.]



105. Which of the following organ is affected in jaundice?
A) Small Intestine
B) Pancreas
C) Liver
D) Stomach

106. Who invented vaccination?
A) Jonas Salk
B) Edward Jenner
C) Alexander Fleming
D) Louis Pasteur

107. Irani Trophy in India is associated with which of the following sports?
A) Football
B) Cricket
C) Kabbadi
D) Badminton

108. Which of the following is the largest container port of India?
A) Paradip port, Paradip, Odisha
B) Kandla port, Kutch, Gujarat
C) Ennore port, Tamil Nadu
D) Jawaharlal Nehru Port, Navi Mumbai

109. Which state in India has the largest coastline?
A) Andhra Pradesh
B) Gujarat
C) Maharashtra
D) Karnataka

110. The Panchatantra was written during the
A) Later Vedic period
B) Sultanate period
C) Maurya period
D) Gupta period

111. The Second Battle of Panipat was fought during the reign of
A) Akbar
B) Humayun
C) Babur
D) Sher Shah Suri

112. Gulmarg was originally named Gourimarg, and was renamed Gulmarg by whom?
A) Atta Mohammad Khan
B) Gulab Singh
C) Juhangir
D) Yousuf shah chak

(Set - A)

1. The salary of Ram is 60% more than Sham. How much percent is Sham's salary less than Ram's?

- A) $33\frac{1}{2}\%$
- B) 40%
- C) $37\frac{1}{2}\%$
- D) $43\frac{1}{2}\%$

Handwritten solution for Q1:

$$100 \rightarrow 160$$

$$\frac{160}{100} \times 100 = 160$$

$$160 - 100 = 60$$

$$\frac{60}{160} \times 100 = 37.5\%$$

2. Two friends Sita and Gita gave an examination. Gita scored 9 marks more than Sita and her marks were 56% of the sum total of both their marks. What are the individual marks of Sita and Gita?

- A) 33, 42
- B) 34, 43
- C) 32, 41
- D) 43, 52

Handwritten solution for Q2:

$$(x-9) + x = 2x-9$$

$$(2x-9) \times \frac{56}{100} = x$$

$$9 = \frac{100x - 2x}{56}$$

3. 4 years ago, the average age of 6 members of a family was 56. The present average age increases to 60 as one new family member is added. The age of the new member is

- A) 60
- B) 64
- C) 84
- D) 86

Handwritten solution for Q3:

$$6 \times 56 = 336$$

$$336 + 4 \times 6 = 384$$

$$384 - 336 = 48$$

$$48 \div 6 = 8$$

$$8 + 60 = 68$$

4. There are 40 students in a hostel. If the number of students is increased by 10, the expenditure on food has increased by Rs. 50 per day. However, the average expenditure on food of students is reduced by Rs. 1 per day. What was the initial expenditure on food per day?

- A) 432
- B) 442
- C) 420
- D) 400

Handwritten solution for Q4:

$$40 \times x = E$$

$$50 \times (x-1) = E+50$$

$$50x - 40x - 50 = 50$$

$$10x = 100 \Rightarrow x = 10$$

$$40 \times 10 = 400$$

5. Mohan has to reach Bangalore which is 500 km away at 5:30 pm. He started from his home by car at 7:30 am. For the initial 200 km, he traveled at a speed of 50 km/hr. His speed for the next 3 hours was 60 km/hr. By what speed he must travel now so as to reach Bangalore at 5:30 pm?

- A) 40 km/hr
- B) 50 km/hr
- C) 60 km/hr
- D) 30 km/hr

Handwritten solution for Q5:

4h, 3h

$$200 \div 50 = 4$$

$$3 \times 60 = 180$$

$$500 - 200 - 180 = 120$$

$$120 \div 3 = 40$$

(Set - A)

(3)

[P.T.O.]

14. Two dice are rolled simultaneously. Find the probability of getting a multiple of 2 on one die and a multiple of 3 on the other dice.

- A) $\frac{1}{2}$
- B) $\frac{11}{36}$
- C) $\frac{1}{3}$
- D) $\frac{13}{36}$

$\frac{1}{2}$ $\frac{1}{3}$
 $\frac{4}{6}$ $\frac{2}{6}$
 $\frac{6}{6}$

$$\frac{4}{6} \times \frac{2}{6} = \frac{8}{36}$$

15. A card is drawn from a pack of 52 cards. A gambler bets that it is either a spade or an ace. The probability of losing the bet is

- A) $\frac{9}{13}$
- B) $\frac{13}{9}$
- C) $\frac{4}{13}$
- D) $\frac{13}{4}$

$$\frac{13}{52} + \frac{4}{52} = \frac{17}{52}$$

$\frac{17}{52} \times 52 = 17$
 $52 - 17 = 35$
 $\frac{35}{52}$

16. Four bells ring simultaneously at 9 am. They ring at regular intervals of 10 minutes, 20 minutes, 30 minutes, 40 minutes respectively. The next time when all the four bells ring together is

- A) 11 am
- B) 10:30 am
- C) 1:00 pm
- D) 11:30 am

120

17. Physics, Chemistry and Mathematics books have to be stacked in such a way that all the books are stored subject wise and the number of books in each stack is the same. The number of physics books is 1008, the number of chemistry books is 720 and the number of mathematics books is 288. Determine the total number of stacks required for physics, chemistry and mathematics books.

- A) 14
- B) 15
- C) 16
- D) 12

(6)

2	1008, 720, 288
2	504, 360, 144
2	252, 180, 72
2	126, 90, 36

(Set - A)

18. Two pipes P and Q can fill an empty tank in 20 minutes and 10 minutes respectively. R can empty a full tank in x minutes. If all three pipes are opened simultaneously, the tank is full in 12 minutes. The value of x is:

- A) 18 minutes
- B) 20 minutes
- C) 30 minutes
- D) 15 minutes

$$\frac{20+10}{2} = 15$$

19. A wall having dimensions 6 m long, 5m high and 0.5m thick is constructed by using bricks having measurements $25 \text{ cm} \times 12.5 \text{ cm} \times 7.5 \text{ cm}$. If 10% of the wall is filled with mortar, the number of bricks required to construct the wall is

- A) 6250
- B) 6160
- C) 5760
- D) 5920

20. PQRS is a quadrilateral and $PQ \parallel RS$. T is the mid-point of PQ. $ST \parallel QR$. If the area of the triangle $\triangle PTS$ is 50 cm^2 then the area of quadrilateral PQRS is:

- A) 150 cm^2
- B) 200 cm^2
- C) 180 cm^2
- D) 220 cm^2

21. Ecstasy: Gloom :: ?

- A) Congratulations : Occasion
- B) Diligent : Successful
- C) Measure : Scale
- D) Humiliation : Exaltation

22. SORROW : CRY :: MIRTH : ?

- A) JOY
- B) LAUGHTER
- C) FROWN
- D) WEEP

(Set - A)

(7)

[P.T.O.]

their peers. Young people are also affected by trauma or mental health issues. Schools and learning centres are places for communities to address health related issues, including mental health and psychosocial support (MHPSS), which the most vulnerable students rely on for their wellbeing and development in order to learn.

Despite the various drawbacks, online learning and teaching offer several advantages, notably flexibility for both students and teachers. Learners have the opportunity to study at their preferred pace, reduced commuting and engage in more interactive sessions. Additionally, online learning helps cut down on travel expenses.

53. Which of the following sentence expresses the meaning of the word 'DISENGAGEMENT' in reference to the above passage.

- A) His air of detachment lost him many friends.
- B) He stopped and gazed off at the distant hills.
- C) He mumbled in delirium all night.
- D) He was startled and gave a discordant shriek.

54. The new digital split will-

- A) Decrease innovations
- B) Increase the equality gaps
- C) Dampen spirits
- D) Divulge inconvenience

55. The 'Pile-on effect' has affected the following the most-

- A) Children of all ages
- B) Children with weak basic foundations
- C) Children with lower academic scores
- D) Children with disabilities

56. In the context of the paragraph, what is a key function of schools and learning centres

- A) Offering academic resources only
- B) Focusing solely on community health issues
- C) Ignoring the well-being of vulnerable student
- D) Providing mental health and psychosocial support

(Set - A)

50. Identify the part of speech the bold word in the below sentence belongs to
Jeff **longed** for a pity party after he lost his job.
- A) Noun
 - B) Verb
 - C) Adverb
 - D) Conjunction

51. Spot the errors, if any, in the following sentences.
The three storey building comprises of six houses, two parking lots and one basement.

- A) The three storey building comprises of six houses
- B) two parking lots
- C) and one basement
- D) No error

52. Which of the following statements is correct?

- A) I suppose she will not pass.
- B) I don't suppose she can pass.
- C) I suppose she would not pass.
- D) I didn't suppose she can pass.

Read the following passage carefully and answer the questions No.'s 53 - 59:

The rapid transition from offline to online learning, as a consequence of COVID-19 has highlighted the risks of student disengagement and has subsequent impact on lower achievement of students across multiple courses. The recent pandemic has changed how millions around the globe are educated. New solutions and innovations in the education system are the need of the hour. Looking at the new digital split, the approach may increase the equality gaps. More than 500 million students across the globe had to pause their on-going studies at various levels. These changes have and will create a degree of inconvenience, but at the same time would promote innovations and future transformations within the education system.

The 'pile-on effect' of the corona virus is that, during the global COVID-19 pandemic, interruptions to education can have long term implications, especially for the most vulnerable. There is a real risk of regression for children whose basic, foundational learning (reading, math, languages, etc.) was not strong to begin with. Millions of children who have already been deprived of their right to education, particularly girls, are being more exposed to health and well-being risks (both psychosocial and physical) during COVID-19. Young and adolescent girls are twice as likely to be out of school in crisis situations and face greater barriers to education and vulnerabilities such as domestic/gender-based violence when not in school. Refugees, displaced and migrant children include these vulnerable groups and they must be included and catered for in any global responses to this crisis if this has not already occurred. Other marginalized populations, including children from minority groups and youth with disabilities, are neglected in the best of times and have lower educational outcomes than

(Set - A)

(13)

[P.T.O.]

6. Abhijit can complete a piece of work alone in 16 days but Vijay alone can finish the same work in 12 days. Abhijit and Vijay work on alternate days. If Abhijit works on the first day, the house will be built in how many days?

- A) 12 days
- B) 13 days
- C) $13\frac{3}{4}$ days
- D) $13\frac{1}{2}$ days

$$\begin{aligned}
 Ab &= \frac{1}{16} && 2 \text{ days} \\
 V &= \frac{1}{12} && \frac{1}{16} + \frac{1}{12} \\
 &&& = \frac{12+16}{16 \times 12} \\
 &&& = \frac{28}{192} = \frac{7}{48}
 \end{aligned}$$

7. The number 84 is divided into two parts in such a way that the fourth part of the first and the fifth part of the second are in the ratio 1:2. The ratio of first part and second part is :

- A) 1:2
- B) 3:1
- C) 2:5
- D) 5:2

$$\begin{aligned}
 \frac{1}{2}x &= \frac{1}{5}y && x : y && \frac{2}{4}x = \frac{1}{5}y && 2x = \frac{4}{5}y \\
 x &= \frac{2}{5}y && x + y &= 84 && x = \frac{4}{9}y && \frac{2}{5}y + y = 84 \\
 &&& \frac{2}{5}y + y &= 84 && \frac{7}{5}y = 84 && y = 60 \\
 &&& \frac{2}{5} \times 60 + 60 &= 84 && x = \frac{4}{9} \times 60 && x = 26\frac{2}{3}
 \end{aligned}$$

8. In a college, the ratio of the number of male employees to the number of female employees is 2/5. However, 1/4 of male employees are non graduates and 1/5 of the female employees are non graduates. If the number of non graduate employees in the office is 60, then the total number of employees in the college is

- A) 280
- B) 245
- C) 250
- D) 235

$$\begin{aligned}
 \frac{M}{F} &= \frac{2}{5} \Rightarrow F = \frac{5M}{2} && \frac{1}{4}M = Ng &= 60 && M = 240 \\
 &&& \frac{1}{5}F = Ng && && \frac{1}{5} \times \frac{5M}{2} = 60 \\
 \frac{1}{4}M + \frac{1}{5}F &= 60 \Rightarrow \frac{1}{4}M + \frac{1}{2} \times \frac{5M}{2} = 60 && \frac{3M}{4} = 60 && M = 80 && F = 200
 \end{aligned}$$

9. Ahana and Anaya went to the market. They together have Rs. 1,200. On taking Rs. 300 from Ahana, Ahana will have the same amount as Anaya had earlier. Find the ratio of amounts with Ahana and Anaya initially.

- A) $\frac{1}{4}$
- B) $\frac{4}{5}$
- C) $\frac{5}{3}$
- D) $\frac{3}{2}$

$$\begin{aligned}
 A + An &= 1200 && m = 80 \\
 An + 300 &= A && \frac{m}{F} = \frac{2}{5} \\
 An - A &= -300 && F = 5 \times 80 = 200 \\
 An + A &= 1200 && \\
 An &= 900 && \frac{1200}{900} = \frac{4}{3}
 \end{aligned}$$

(Set - A)

(4)

10. Prisha's father is 6 years older than her mother and the mother's age is now thrice the age of Prisha. At present, Prisha is 12 years old. What was the father's age when their daughter was born?

- A) 42
- B) 30
- C) 28
- D) 36

$$F - 6 = M$$

$$M = 3 \times P = 36$$

$$\begin{array}{r} 42 \\ -12 \\ \hline 30 \end{array}$$

11. The ratio between the present age of two relatives, Navish and Lavya is 4 : 7. After 6 years the ratio of their ages will be 5 : 8. Find their total age of Navish and Lavya after 11 years.

- A) 66 years
- B) 88 years
- C) 68 years
- D) 86 years

$$\frac{x}{y} = \frac{4}{7}$$

$$7x = 4y$$

$$8(x+6) = 5(y+6)$$

$$8x + 48 = 5y + 30$$

$$8x - 5y = -18$$

$$7x - 4y = 0$$

$$32x - 20y = -72$$

$$35x - 20y = 72$$

$$-3x = -72$$

$$x = \frac{72}{3}$$

$$x = 24$$

$$y = \frac{7 \times 24}{4} = 42$$

$$N = 24$$

$$L = 42$$

$$\begin{array}{r} 24 \\ 42 \\ \hline 66 \\ 22 \\ \hline 88 \end{array}$$

12. My sister is three years older than me. My father was 28 years of age when my brother was born, while my mother was 26 years of age when I was born. If my brother was four years of age when my sister was born, then what was the age of my father and mother respectively when my sister was born?

- A) 32 yrs, 39 yrs
- B) 35 yrs, 24 yrs
- C) 35 yrs, 26 yrs
- D) 32 yrs, 23 yrs

$$M_s + 3 = S$$

$$F = 28, B = 0$$

$$M = 26, M_s = 0$$

$$B = 4, S = 0$$

$$-3x = -72$$

$$x = \frac{72}{3}$$

13. A box contains a total 12 balls of red and blue color. One blue ball is to be drawn at random from the box. The probability of drawing the ball becomes double of what it was before when 6 more blue balls are put in the box. The number of blue balls and red balls present initially is

- A) 5, 7
- B) 4, 8
- C) 3, 9
- D) 6, 6

$$\frac{1}{6} \quad \frac{1}{3} \quad \frac{1}{6} = 3$$

$$9 \quad 18$$

(Set - A)

(5)

[P.T.O.]

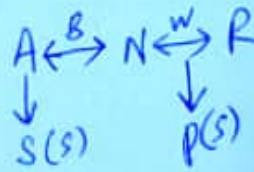
23. Introducing Mira to guests, Mohan said, "Her father is the only son of my father".
How is Mira related to Mohan?

- A) Sister
- B) Daughter
- C) Mother
- D) Niece



24. Rekha is the wife of Neeraj. Pranav is the son of Rekha. Arvind is the brother of Neeraj and father of Soham. How is Rekha related to Soham?

- A) Sister
- B) Cousin
- C) Aunt
- D) Mother



25. Find the odd one out

- A) FHJ : USQ
- B) VTQ : EGJ
- C) XVT : CEG
- D) RPN : IKM

26. Given four figures have something in common except one. Find the odd one out.



- A) A
- B) B
- C) C
- D) D

(Set - A)

37. In a code language 356469 is written as 447378. Find the code for 648273. 7391

- A) 758374
- B) 638182
- C) 739182
- D) 737172

+ 356469
447378

73 ---

38. In a certain language if A is written as 1, B as 2, C as 3 and so on. What do the figure 12, 9, 7, 8, 20 stands for?

- A) LIANG
- B) MIEGE
- C) LIGNE
- D) LIGHT

L I G H T

39. GENERAL is coded as 7555913. How can KNOWLEDGE be coded

- A) 256535475 -
- B) 236456473
- C) 234567897
- D) 658905468

40. In a certain code-language, CUL, WAP, DIR means red little box, SUT, MAD, BIX means well arranged pile, BIX, FAC, DIR means pile of boxes. The code for 'OF' here is?

- A) FAC
- B) SUT
- C) DIR
- D) BIX

box = dir

41. Fill in the blanks with suitable articles.

She is wearing a black and _____ white saree at the party hosted by the Manager and _____ Executive Director of our hotel.

- A) the, the
- B) a, the
- C) the, an
- D) None of these

42. In this question, the sentence is broken into four parts. Find out the error part in the sentence from the given options.

The criminal was sentenced to the death and was hung for his crime.

- A) sentenced to the
- B) The criminal was
- C) hung for his crime
- D) death and was

43. The synonyms of the word CIRCUMLOCUTION is

- A) Compression
- B) Succinctness
- C) Conciseness
- D) Euphemism

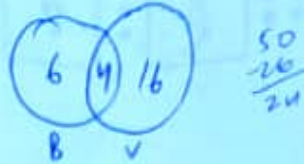
(Set - A)

(11)

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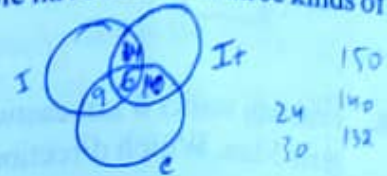
31. In a class of 50 students, 10 students play badminton and 20 students play volleyball and 4 students play both the games. Find the number of students who don't play either badminton or volleyball.

- A) 24
B) 22
C) 30
D) 20

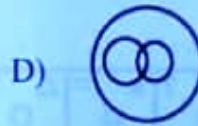


32. In the New Year's party 500 people were invited. 200 people opted for Indian food, 150 ate Italian food and 100 people took continental food. 14 people have taken both Indian and Italian food, 10 people have taken both Italian and continental food and 15 people have eaten both Indian and continental food. 6 people have taken all three kinds of food. Find how many people have only Italian food?

- A) 150
B) 120
C) 110
D) 101



33. Which of the following diagrams indicates the best relation between Profit, Dividend and Bonus?



34. What number should come next in the given series?

7, 14, 10, 20, 16, 32,

- A) 60
B) 26
C) 64
D) 28

$$+3, +6, +9$$

$$14 - 4 = 10 + 10 = 20 - 4 = 16 + 16 = 32 - 4 = 28$$

35. Find the next number in the given series:

6, 4, 5, 11, 39, ...

- A) 189
B) 196
C) 195
D) 190

$6 \times 1 - 2^1 = 4$

$4 \times 2 - 3^1 = 5$

$5 \times 3 - 4^1 = 11$

$11 \times 4 - 5^1 = 39$

$39 \times 5 - 6^1 = 195 - 6 = 189$

36. Find the next number in the given series:

1, 4, 12, 30, 68,

- A) 140
C) 146

- B) 154
D) 150

$$1^2 = 1$$

$$2^2 = 4$$

$$+3, +8, +18, +38$$

$$+5, +10, +20, +40$$

(Set - A)

44. Select the **synonyms** of the word occurring in the sentence in capital letters.
Some parties see him as a **MUNIFICENT** benefactor, while others regard him as an agent of sloth

- A) Minority
- B) Paucity
- C) Bountiful
- D) Penurious

45. The antonym of the word **SYCOPHANTS** is

- A) Parasite
- B) Groveller
- C) Servile
- D) Devoted

46. Fill in the blanks with appropriate prepositions from the alternatives given below.
The officials have the habit of fawning _____ ministers.

- A) on
- B) above
- C) upon
- D) at

47. Spot the errors, if any, in the following sentences.

I do not understand why in spite of my best efforts to please him, my boss is so angry at me.

- A) I do not understand why
- B) in spite of my best efforts
- C) to please him,
- D) my boss is so angry at me.

48. Spot the errors, if any, in the following sentences.

Innovations into the field of artificial intelligence can help to increase the wages of the workforce provided workers have the necessary skills.

- A) Innovations into the field of
- B) artificial intelligence can help to increase
- C) the wages of the workforce
- D) provided workers have the necessary skills

49. Choose the most suitable alternative to make the sentence logical:

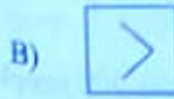
The poor womanthe kettle on the fire and went outside.

- A) lain
- B) lay
- C) laid
- D) None of these

(Set - A)

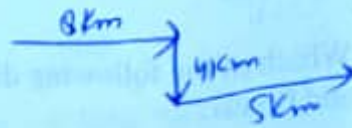
(12)

27. Select the related shape from the given options



28. Prabudh walks 8 km eastwards, then turns right and goes 4 km, then he turns left and goes 5 km. Which direction is he facing now?

- A) East
- B) North
- C) South
- D) West

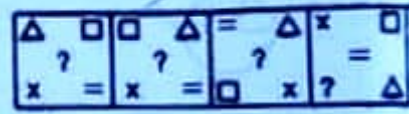


29. Select a figure from the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



Answer Figures:



- (A) (B) (C) (D) (E)

- (1) (2) (3) (4)

- A) 1
- B) 2
- C) 3
- D) 4



30. Select a figure from the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

Answer Figures:



- (A) (B) (C) (D) (E) (1) (2) (3) (4)

- A) 1
- B) 2
- C) 3
- D) 4

(Set - A)

(9)

[P.T.O.]