

# Prepp

## Your Personal Exams Guide



NDA



CDS



SSC CGL



CBSE UGC NET



IAS



SSC CHSL



CTET



MPSC



AFCAT



CSIR UDC NET



IBPS PO



UP POLICE



SSC MTS



SBI PO



BPS



UPTET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

# SSC GD Constable 2021 (English) Prev. Year Paper (23-Nov-2021) (Shift 2)

Total Time: 1 Hour : 30 Minute

Total Marks: 100

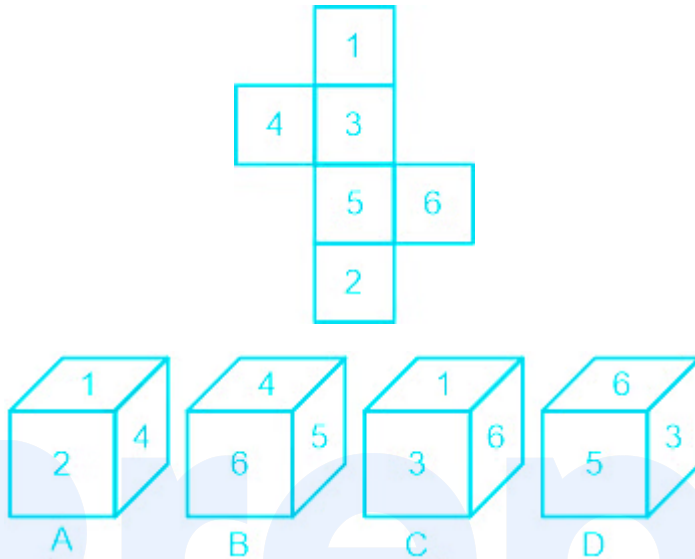
## Instructions

Sl No.	Section Name	No. of Question	Maximum Marks	Negative Marks	Positive Marks
1	General Intelligence and Reasoning	25	25	0.25	1
2	General Knowledge and General Awareness	25	25	0.25	1
3	Elementary Mathematics	25	25	0.25	1
4	English	25	25	0.25	1

- 1.) A total of 90 minutes is allotted for the examination.
- 2.) The server will set your clock for you. In the top right corner of your screen, a countdown timer will display the remaining time for you to complete the exam. Once the timer reaches zero, the examination will end automatically. The paper need not be submitted when your timer reaches zero.
- 3.) There will, however, be sectional timing for this exam. You will have to complete each section within the specified time limit. Before moving on to the next section, you must complete the current one within the time limits.

## General Intelligence and Reasoning

1. Select the dice that can be formed by folding the given sheet along the lines. (+1, -0.25)



- a. Only A and B
- b. Only C
- c. Only A, C and D
- d. Only A, B and D

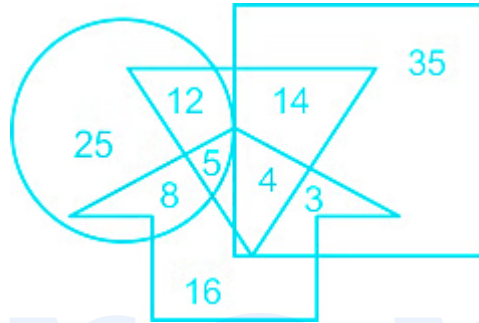
2. Select the option that is related to the third term in the same way as the second term is related to the first term. (+1, -0.25)

SITAR : TKWEW :: CRAME : ?

- a. DTDSJ
- b. DSCQJ
- c. DTDQJ

d. DTDQK

3. In the given Venn diagram, the circle represents 'girls who play football', the rectangle represents 'boys who play football', the triangle represents 'girls and boys who play hockey', and the arrow represents 'players who play badminton'. (+1, -0.25)



What is the total number of girls and boys who play both football and hockey?

- a. 70
  - b. 26
  - c. 35
  - d. 9
4. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series. (+1, -0.25)

L \_ \_ K C \_ O Q \_ C L O \_ \_ C

- a. OQLKQK
- b. QOLKQK
- c. OQLOQC

d. OKOQCQ

---

5. Select the number from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)

9, 18, 45, 126, ?

- a. 369
  - b. 333
  - c. 393
  - d. 396
- 

6. Select the number from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)

92, 86, 81, 77, ?, 72

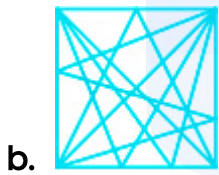
- a. 75
  - b. 76
  - c. 73
  - d. 74
- 

7. The sum of four numbers A, B, C and D is 147. The ratio of C and D is 3 : 5, respectively. D is five times A. C is twice of B. What is the value of B? (+1, -0.25)

- a. 45
- b. 27

- c. 21
- d. 42

8. Select the option in which the given figure is embedded (rotation is NOT allowed). (+1, -0.25)



9. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different. (+1, -0.25)

- a. HI

- b. AB
- c. CD
- d. PG

---

10. If 'Z' denotes 'addition', 'X' denotes 'multiplication', 'Y' denotes 'division', and 'W' denotes 'subtraction', then what will be the value of the following expression? (+1, -0.25)

$$15 Y (11 Z 4) Z 3 X 4 (19 Z 3) Y 11 X 3 (3 Z 2)$$

- a. 405
- b. 361
- c. 408
- d. 390

---

11. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements. (+1, -0.25)

**Statements:**

Some pumpkins are bananas.

All bananas are bitter gourds.

**Conclusions:**

I. No bitter gourd is a pumpkin.

II. Some bitter gourds are bananas.


- a. Both conclusions I and II follow
- b. Only conclusion II follows
- c. Only conclusion I follows
- d. Either conclusion I or II follows

12. Five friends, R, S, V, P and Q, are sitting in a row facing north. Q is sitting to the right of R and left of S. If V is the only one sitting to the left of R, then who is sitting in the left most position? (+1, -0.25)

- a. R
- b. P
- c. S
- d. V

13. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded? (+1, -0.25)



- a. 





b.



c.



d.

14. In a certain code language, 'TOY' is written as 'UPZ' and 'COW' is written as 'DPX'. How will 'MONU' be written in that language? (+1, -0.25)

- a. VONP
- b. VOPN
- c. NPVO
- d. NPOV

15. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)

FIK, HKM, JMO, LOQ, ?

- a. NRQ
- b. NQS
- c. QNS

d. SQN

---

16. Five players are sitting in a straight line in a park, facing north. A and B are sitting together. C is between B and D. E is second to the right of C. Find the position of B from the left. (+1, -0.25)

a. 2<sup>nd</sup>

b. 1<sup>st</sup>

c. 4<sup>th</sup>

d. 5<sup>th</sup>

---

17. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary. (+1, -0.25)

1. Gracious

2. Gorgeous

3. Government

4. Governor

5. Governess

a. 2, 5, 1, 4, 3

b. 2, 5, 1, 3, 4

c. 2, 5, 3, 4, 1

d. 3, 5, 1, 4, 2

---

18. Select the option in which the numbers are related in the same way as are the numbers in the given set. (+1, -0.25)

4,17, 33

- a. 5, 10, 55
- b. 12, 15, 244
- c. 6, 15, 71
- d. 10, 14, 114

19. Select the option that is related to the third number in the same way as the second number is related to the first number. (+1, -0.25)

15 : 210 :: 26 : ?

- a. 666
- b. 656
- c. 650
- d. 676

20. Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown. (+1, -0.25)



- a. UAKNAI

- b. I A I K A U
- c. K A U I A I
- d. I A I U A K

---

21. In a certain code language, JAGUAR is written as MDJXDU. How will LEOPARD be written as in that language? (+1, -0.25)

- a. OHQSDVG
- b. OGRSEUG
- c. OHRTDUH
- d. OHRSDUG

---

22. Pointing to the photograph of a boy, Nikhil said, "He is my mother's mother-in-law's daughter's only brother's son". How is the boy in the photograph related to Nikhil? (+1, -0.25)

- a. Cousin
- b. Father
- c. Paternal uncle
- d. Brother

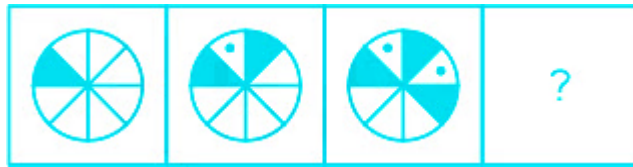
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23. In a certain code language, DOUBLE is written as ZKQRYM, and TEN is written as XMV. How will TOLL be written in that language? (+1, -0.25)

- a. UKQR

- b. XKYY
- c. YKXM
- d. MVYY

24. Select the figure from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)



- a.
- b.
- c.
- d.

25. 'Pen' is related to 'Ink' in the same way as 'Brush' is related to '-----'. (+1, -0.25)

-----

- a. Pencil
- b. Paint
- c. Paper
- d. Drawing Book

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Your Personal Exams Guide

## General Knowledge and General Awareness

26. What is the amount of annual health cover available to a family under the 'Ayushman Bharat' scheme of the Government of India? (+1, -0.25)
- a. Rs. 5 lakh
  - b. Rs. 10 lakh
  - c. Rs. 1 lakh
  - d. Rs. 3 lakh
- 
27. Banabhatta wrote the biography of King\_\_\_\_\_ (+1, -0.25)
- a. Harshavardhana
  - b. Chandragupta Maurya
  - c. Samudragupta
  - d. Ashoka
- 
28. Who among the following kings of Benaras (Banaras) was arrested by Warren Hastings in 1781? (+1, -0.25)
- a. Chait (Chet) Singh
  - b. Mahip (Maheep) Narayan Singh
  - c. Udit Narayan Singh
  - d. Balwant Singh
-

29. What is India's rank in the Global Economic Freedom Index 2020? (+1, -0.25)
- a. 105
  - b. 92
  - c. 107
  - d. 100
- 

30. Who among the following is the author of 'Grandparents' Bag of Stories'? (+1, -0.25)
- a. Gauri Khan
  - b. Twinkle Khanna
  - c. Arundhati Roy
  - d. Sudha Murty
- 

31. According to which of the following Articles of the Constitution of India does a citizen of the country have the right to protection of life and personal liberty? (+1, -0.25)
- a. Article 17
  - b. Article 21
  - c. Article 20
  - d. Article 26
-



32. Who among the following persons can be described as 'a spokesperson of the backward classes and castes in India'? (+1, -0.25)

- a. Vallabhbhai Patel
  - b. Dr. Babasaheb Ambedkar
  - c. Dr. Rajendra Prasad
  - d. Subhas Chandra Bose
- 

33. NABARD launched a sanitation literacy campaign to promote literacy on water, sanitation and hygiene under which of the following missions in Karnataka in October 2020? (+1, -0.25)

- a. Jagananna Thodu
  - b. Jal Shakti
  - c. Hans Jal Dhara Yojana
  - d. Sanitation literacy campaign
- 

34. In which of the following years was the Gandhi-Irwin Pact signed? (+1, -0.25)

- a. 1931
  - b. 1921
  - c. 1929
  - d. 1919
-

35. Calcitonin hormone is released by which of the following glands in humans when the amount of calcium in the bloodstream is high? (+1, -0.25)
- a. Thyroid
  - b. Adrenal
  - c. Pituitary
  - d. Pineal
- 

36. In which of the following years was the first Commonwealth Games held? (+1, -0.25)
- ?
- a. 1930
  - b. 1912
  - c. 1965
  - d. 1956
- 

37. Article \_\_\_\_\_ of the Constitution of India states that the President can nominate two members of the Anglo-Indian community to the Lok Sabha if the community is not adequately represented. (+1, -0.25)
- a. 335
  - b. 331
  - c. 333
  - d. 337
-

38. In November 2020 , India signed an implementation agreement on hydrography with\_\_\_\_\_ . (+1, -0.25)

- a. China
  - b. Indonesia
  - c. Vietnam
  - d. Japan
- 

39. Which of the following oceans' deepest point is Java Trench? (+1, -0.25)

- a. Indian Ocean
  - b. Pacific Ocean
  - c. Atlantic Ocean
  - d. Arctic Ocean
- 

40. Which of the following inert gases is used to inflate party balloons? (+1, -0.25)

- a. Helium
  - b. Xenon
  - c. Argon
  - d. Neon
- 

41. For how many days is the Indian festival of Onam celebrated in Kerala?. (+1, -0.25)

- a. 12
- b. 10
- c. 15
- d. 7

---

42. The theme for Shikshak Parv 2021 was ' \_\_\_\_\_ " (+1, -0.25)

- a. Quality and Sustainable Schools: Learnings from the Schools in India
- b. Vidyarthi Devo Bhava
- c. National Education Policy
- d. Acharya Devo Bhava

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43. Achanta Sharath Kamal is a professional player of \_\_\_\_\_ from India. (+1, -0.25)

- a. swimming
- b. golf
- c. table tennis
- d. lawn tennis

---

44. Who among the following is the first bowler to bowl two maiden overs in the Indian Premier league match? (+1, -0.25)

- a. Mohammed Siraj
- b. Mohit Sharma

- c. Imran Tahir
  - d. Sohail Tanvir
- 

45. In which of the following states did Prime Minister Narendra Modi unveil the Statue of Peace in November 2020? (+1, -0.25)

- a. Maharashtra
  - b. Rajasthan
  - c. Tamil Nadu
  - d. Gujarat
- 

46. In which of the following years was the National Jute Policy formulated? Its objective was to increase productivity, improve quality, ensure good prices to jute farmers and enhance the yield per hectare. (+1, -0.25)

- a. 2000
  - b. 2005
  - c. 1998
  - d. 2014
- 

47. 'Shaheedi Sabha' is a festival celebrated by which of the following states? (+1, -0.25)

- a. Bihar
- b. Haryana
- c. Sikkim

d. Punjab

---

48. As per Economic Survey 2020-21, from the year \_\_\_\_\_ infant mortality rates declined by 12% for states that did not adopt the 'Ayushman Bharat Pradhan Mantri Jan Arogya Yojana' (AB-PMJAY). (+1, -0.25)

a. 2016-17 to 2020-21

b. 2019-20 to 2020-21

c. 2018-19 to 2019-20

d. 2015-16 to 2019-20

---

49. Who among the following was appointed as the brand ambassador of Equitas Small Finance Bank in November 2020? (+1, -0.25)

a. Akshay Kumar

b. Virat Kohli

c. Smriti Mandhana

d. Sushmita Sen

---

50. Which uninhabited island in India has a bird sanctuary? (+1, -0.25)

a. Bluff Island

b. Barren Island

c. Pitti Island

d. Belle Island

---

## Elementary Mathematics

51. The value of  $78 \div 13$  of  $5 - [48 \div 72 \times 3 - 15 \div 8 \times (23 - 29) - 17]$  of 4 is: **(+1, -0.25)**

- a.  $5\frac{1}{4}$
- b.  $4\frac{1}{5}$
- c.  $15\frac{1}{4}$
- d.  $16\frac{1}{5}$

52. The savings of Radha are equal to 40% of her expenditure. If her income increases by 25% and the expenditure increases by 40%, then her savings increase/decrease by how much? **(+1, -0.25)**

- a. Increase by 15%
- b. Increase by 12.5%
- c. Decrease by 15%
- d. Decrease by 12.5%

53. If an integer 'k' is divisible by 3, 5 and 10, then what will be the next larger integer divisible by all these numbers? **(+1, -0.25)**

- a.  $k + 2$
- b.  $k + 20$
- c.  $k + 10$
- d.  $2k$

---

54. By selling an article for Rs. 299.20, a shopkeeper loses 12%. If he sells it for Rs. 350.20, then there is: (+1, -0.25)

- a. 1.5% gain
- b. 3% loss
- c. 1.5% loss
- d. 3% gain

---

55. A and B can do a piece of work in 36 days and 48 days, respectively. They work together for 12 days. The remaining work is completed by C alone in 10 days. A and C together can complete 62.5% of the original work in: (+1, -0.25)

- a. 9 days
- b.  $12\frac{1}{2}$  days
- c.  $14\frac{2}{5}$  days
- d. 10 days

---

56. The average weight of A, B and C is 60 kg. If the average weight of A and B is 45 kg, then the weight of C is: (+1, -0.25)

- a. 80 kg
  - b. 70 kg
  - c. 60 kg
  - d. 90 kg
-



57. A pool has length 15 m, breath 10 m, and depth 3 m. The water is filled up to a depth of 2.5 m. What is the quantity (in kilo litres) of water in the pool? **(+1, -0.25)**

- a. 370.5
- b. 375
- c. 450
- d. 475

58. A shopkeeper bought an oven for Rs. 15,000 and sold it for Rs. 19,200 . He paid Rs. 350 at the octroi and Rs. 650 transportation charges. What is his loss or gain per cent? **(+1, -0.25)**

- a. 20% gain
- b. 21% loss
- c. 20% loss
- d. 21% gain

59. If a sum of Rs. 713 is divided into three parts, A, B and C in the ratio  $\frac{1}{2} : \frac{2}{3} : \frac{3}{4}$  , then C is equal to: **(+1, -0.25)**

- a. Rs. 209
- b. Rs. 297
- c. Rs. 270
- d. Rs. 279

60. A certain sum amounts to Rs. 13860 after 5 years and to Rs. 16776 after 8 years at the same rate per cent per annum at simple interest. What will be simple interest (in Rs.) on a sum of Rs. 20,000 for  $3\frac{2}{5}$  years at the same rate? (+1, -0.25)
- a. 7344
  - b. 7434
  - c. 6374
  - d. 6473

61. The value of  $42\frac{1}{5} \div [36 + \frac{2}{3} \text{ of } 15 - (24 \div 8 + \frac{4}{5})]$  is: (+1, -0.25)
- a. 1
  - b. 10
  - c. 15
  - d. 5

62. An article is listed at Rs. 18000 and the discount offered is 12%. What additional discount must be given to bring the net selling price to Rs. 14414.40? (+1, -0.25)
- a. 11%
  - b. 8%
  - c. 9%
  - d. 10%

---

63. Find the compound interest on Rs. 15,600 at 12% per annum for 9 months, compounded quarterly. **(+1, -0.25)**

- a. Rs. 1,446.54
- b. Rs. 1,972.40
- c. Rs. 1,925.75
- d. Rs. 1,969.25

---

64. Three articles are bought at Rs. 500 each. One of them is sold at a profit of 12%. If the other two articles are also sold and a loss of 20% occurs on the whole transaction, then what is the gain or loss percentage on selling the remaining two articles? **(+1, -0.25)**

- a. Profit of 15%
- b. Loss of 25%
- c. Loss of 40%
- d. Loss of 36%

---

65. Let  $x$  be the greatest number which when divides 6564, 7416 and 8907, the remainder in each case is the same. The sum of the digits of  $x$  is: **(+1, -0.25)**

- a. 9
- b. 5
- c. 10
- d. 6

66. A dealer marked the price of an item 40% above its cost price. He allowed two successive discounts of 25% and 16% to a particular customer. As a result, he incurred a loss of Rs. 590 . At what price did he sell the item to the said customer? **(+1, -0.25)**
- a. Rs. 4,240
  - b. Rs. 4,320
  - c. Rs. 4,410
  - d. Rs. 4,400

67. The average of some numbers is 37. If each of  $\frac{3}{5}$  of the numbers is increased by 7, and each of the remaining is decreased by 9, then the average of the numbers, so obtained, is: **(+1, -0.25)**
- a. 35.8
  - b. 38.5
  - c. 37.6
  - d. 36.7

68. A can do a piece of work in 15 days working 6 hours per day and B can do it in 10 days working 5 hours per day. How long (in days) will they take to do it, working together for 9 hours per day? **(+1, -0.25)**
- a.  $6\frac{4}{7}$
  - b.  $5\frac{4}{7}$
  - c.  $3\frac{4}{7}$

d.  $2\frac{4}{7}$

---

69. Sita scored 756 marks out of 900 and her brother Avi scored 350 marks out of 500. How many more marks should Avi get to make his score per cent equivalent to Sita? **(+1, -0.25)**

a. 65

b. 80

c. 70

d. 60

---

70. The speed of a train is 80 km/h. The distance travelled by it from 10.20 a.m. to 1.50 p.m. is: **(+1, -0.25)**

a. 250 km

b. 260 km

c. 280 km

d. 240 km

---

71. A sum of money at simple interest amounts to Rs. 750 in 5 years and to Rs. 800 in 6 years. The sum is: **(+1, -0.25)**

a. Rs. 500

b. Rs. 680

c. Rs. 550

d. Rs. 650

---

72. Seema and Geeta start at the same time to ride from place A to place B, which is 90 km away from A. Seema travels 3 km per hour slower than Geeta. Geeta reaches place B and at once turns back, meeting Seema 15 km from place B. Geeta's speed (in km/h) is: (+1, -0.25)

a. 12

b. 10.5

c. 7.5

d. 9

---

73. Find the area of a square, one of whose diagonals is 2.6 m long. (+1, -0.25)

a.  $1.25 \text{ m}^2$

b.  $3.38 \text{ m}^2$

c.  $2.42 \text{ m}^2$

d.  $3.50 \text{ m}^2$

---

74. A and B together have Rs. 4,655. If  $\frac{4}{15}$  of A's amount is equal to  $\frac{2}{5}$  of B's amount, what amount does B have? (+1, -0.25)

a. Rs. 9,310

b. Rs. 1,680

c. Rs. 2,311

d. Rs. 1,862

---

75. If  $P : Q = 2 : 3$ , then find  $(2P + Q) : (5P - 3Q)$

(+1, -0.25)

a. 4 : 3

b. 2 : 5

c. 7 : 1

d. 3 : 8

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Your Personal Exams Guide

## English

76. Select the most appropriate option that can substitute the underlined word in the given sentence. (+1, -0.25)

After graduation, he found a transaction job as a technical expert in regional office.

- a. rickety
- b. auspicious
- c. stable
- d. stalwart

- 
77. The following sentence has been split into four segments. Identify the segment that contains a grammatical error. (+1, -0.25)

The children / were warned / to keep away / for the edge of the cliff.

- a. were warned
- b. for the edge of the cliff
- c. The children
- d. to keep away

- 
78. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'. (+1, -0.25)

He acted in according to my instructions.



- a. accordance with
  - b. spite to
  - c. No improvement required
  - d. behalf of
- 

79. Select the most appropriate ANTONYM of the given word. (+1, -0.25)

Sparse

- a. Dense
  - b. Thin
  - c. Extra
  - d. Clear
- 

80. The following sentence has been split into four segments. (+1, -0.25)

Identify the segment that contains a grammatical error. Tagore was / a poet / as well / a patriot.

- a. Tagore was
  - b. as well
  - c. a poet
  - d. a patriot
- 

81. Select the most appropriate option to fill in the blank. (+1, -0.25)

In the jungle, he saw a \_\_\_\_\_ of wolves.

- a. grove
  - b. bunch
  - c. pack
  - d. herd
- 

82. Select the most appropriate synonym of the given word. (+1, -0.25)

Spurn

- a. Gossip
  - b. Despise
  - c. Admire
  - d. Include
- 

83. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. (+1, -0.25)

Trees clean an air and remove polluted gases.

- a. No substitution required
  - b. clean the air
  - c. clean an airs
  - d. clean a air
-

84. Select the option that can be used as a one-word substitute for the given group of words. (+1, -0.25)

A large group of people

- a. Herd
  - b. Horde
  - c. Flock
  - d. Pride
- 

85. Select the most appropriate ANTONYM of the given word. (+1, -0.25)

Deposit

- a. Withdraw
  - b. Exhaust
  - c. Save
  - d. Submit
- 

86. Select the INCORRECTLY spelt word. (+1, -0.25)

- a. Disapprove
  - b. Proportionate
  - c. Overreact
  - d. Disobediaent
-

87. Select the most appropriate option to fill in the blank. (+1, -0.25)

They were\_\_\_\_\_ of the consequences of their decision.

- a. aware
- b. alive
- c. awake
- d. alert

88. Select the option that can be used as a one-word substitute for the given group of words. (+1, -0.25)

A medical practitioner specialising in children and their diseases

- a. Nephrologist
- b. Cardiologist
- c. Paediatrician
- d. Physician

89. Select the most appropriate SYNONYM of the given word. (+1, -0.25)

Humble

- a. Rude
- b. Mute
- c. Meek
- d. Loud

90. Select the most appropriate meaning of the given idiom. (+1, -0.25)

Pass the baton

- a. share a reward with someone
- b. take part in a relay race
- c. shift responsibility to others
- d. pass on belongings to the heirs

---

91. Select the most appropriate option to fill in the blank. (+1, -0.25)

The news reporter refused to \_\_\_\_\_ his source of information.

- a. disclose
- b. distribute
- c. discover
- d. distract

---

92. Select the INCORRECTLY spelt word. (+1, -0.25)

- a. Sincere
- b. Laughter
- c. Collide
- d. Jelous

93. Select the most appropriate meaning of the given idiom. (+1, -0.25)

Keep in touch

- a. Maintain contact
  - b. Trust someone
  - c. Be sincere
  - d. Search closely
- 

94. The following sentence has been split into four segments. Identify the segment that contains a grammatical error. (+1, -0.25)

Banking today, / in a seamless world, / make it possible for you / to access your account from any city.

- a. make it possible for you
  - b. to access your account from any city
  - c. in a seamless world
  - d. Banking today
- 

95. Select the option that can be used as a one-word substitute for the given group of words. (+1, -0.25)

Person who sells and arranges cut flowers

- a. Florist
- b. Horticulturist

- c. Decorator
- d. Gardener

96. In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Once a severe epidemic broke out in Cuttack. Subhas Bose went there with a small (1) \_\_\_\_\_ to help the poor and sick people. Some people (2) \_\_\_\_\_ the work done by Subhas and his friends (3) \_\_\_\_\_ others made fun of them. Haider was one (4) \_\_\_\_\_ person who always ridiculed them. Once, when Haider fell ill, Subhas (5) \_\_\_\_\_ looked after him till he recovered.

Select the most appropriate option to fill in blank no. 1.

- a. club
- b. gang
- c. team
- d. body

97. In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Once a severe epidemic broke out in Cuttack. Subhas Bose went there with a small (1) \_\_\_\_\_ to help the poor and sick people. Some people (2) \_\_\_\_\_ the work done by Subhas and his friends (3) \_\_\_\_\_ others made fun of them. Haider was one (4) \_\_\_\_\_ person who always ridiculed them. Once, when

Haider fell ill, Subhas (5) \_\_\_\_\_ looked after him till he recovered.

Select the most appropriate option to fill in blank no. 2.

- a. thanked
- b. enjoyed
- c. obliged
- d. praised

98. In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Once a severe epidemic broke out in Cuttack. Subhas Bose went there with a small (1) \_\_\_\_\_ to help the poor and sick people. Some people (2) \_\_\_\_\_ the work done by Subhas and his friends (3) \_\_\_\_\_ others made fun of them. Haider was one (4) \_\_\_\_\_ person who always ridiculed them. Once, when Haider fell ill, Subhas (5) \_\_\_\_\_ looked after him till he recovered.

Select the most appropriate option to fill in blank no. 3 .

- a. while
- b. as long as
- c. since
- d. unless



99. In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Once a severe epidemic broke out in Cuttack. Subhas Bose went there with a small (1)\_\_\_\_\_ to help the poor and sick people. Some people (2)\_\_\_\_\_ the work done by Subhas and his friends (3)\_\_\_\_\_ others made fun of them. Haider was one (4)\_\_\_\_\_ person who always ridiculed them. Once, when Haider fell ill, Subhas (5)\_\_\_\_\_ looked after him till he recovered.

Select the most appropriate option to fill in blank no. 4.

- a. such
- b. so
- c. which
- d. that

100. In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Once a severe epidemic broke out in Cuttack. Subhas Bose went there with a small (1)\_\_\_\_\_ to help the poor and sick people. Some people (2)\_\_\_\_\_ the work done by Subhas and his friends (3)\_\_\_\_\_ others made fun of them. Haider was one (4)\_\_\_\_\_ person who always ridiculed them. Once, when Haider fell ill, Subhas (5)\_\_\_\_\_ looked after him till he recovered.

Select the most appropriate option to fill in blank no. 5.

- a. smoothly
- b. gently
- c. freely
- d. politely

**prepp**

Your Personal Exams Guide

## Answers

### 1. Answer: c

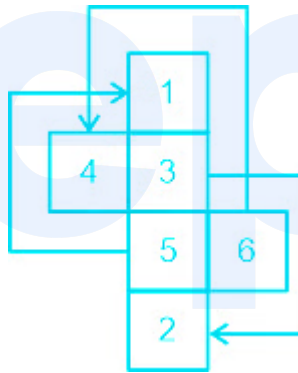
#### Explanation:

The opposite surface of the open dice can be found by the below method:-

- Alternate surfaces are opposite to each other.
- No two opposite surfaces are touched by side or by corners

So, by using the above rule we can find the opposite surface of open dice.

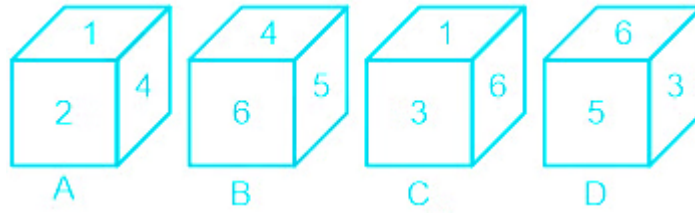
Below are the opposite surfaces:-



Numbers	Opposite numbers
1	5
3	2
4	6

Note:- Two opposite faces are never seen together or adjacent to each other.

Given:



In figure (A): None of the opposite faces are seen together nor they are adjacent to each other. Thus this cube can be made.

In figure (B): '6' and '4' are opposite faces but here they are seen together which is wrong. Thus this cube cannot be made.

In figure (C): None of the opposite faces are seen together nor they are adjacent to each other. Thus this cube can be made.

In figure (D): None of the opposite faces are seen together nor they are adjacent to each other. Thus this cube can be made.

Hence, 'A, C and D' is the correct answer.

## 2. Answer: c

### Explanation:

The table is alphabets place value:

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

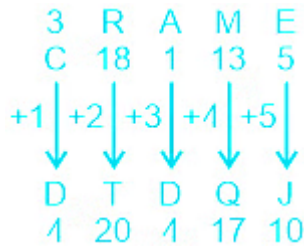
The pattern followed here is:

SITAR : TKWEW



Similarly,

CRAME: \_\_\_\_\_.

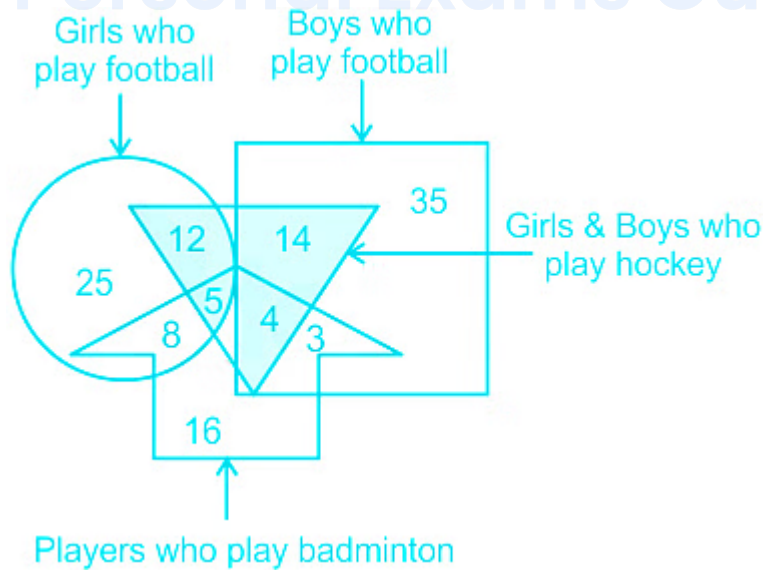


Hence, 'CRAME' is coded as "DTDQJ".

3. Answer: c

Explanation:

The shaded part represents 'girls and boys who play both football and hockey'.



The number of girls who play both football and hockey = 12

The number of boys who play both football and hockey = 14

The number of girls who play both badminton, football and hockey = 5

The number of boys who play both badminton, football and hockey = 4

So, the numbers of girls and boys who play both football and hockey =  $12 + 14 + 5 + 4 = 35$

Hence, '35' is the correct answer.

#### 4. Answer: a

Explanation:

Given: L \_ \_ K C \_ O Q \_ C L O \_ \_ C

By checking options and substituting accordingly.

1) OQLKQK → LOO K C - L O Q K C - L O QK C

Here "L O Q K C" is repeated itself.

2) QOLKQK → LOO K C - L O Q K C - L O QK C

3) OQLOQC → L OO K C - L O QO C - L O QC C

4) OKOQCQ → L OK K C - O O QQ C - L O CQ C

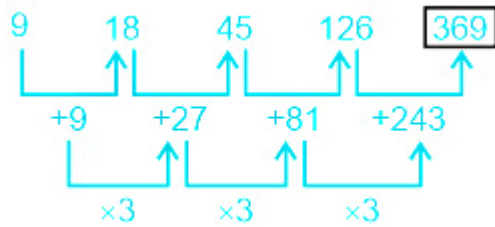
- Option (1) gives a pattern of **L O Q K C - L O Q K C - L O Q K C**.

Hence, 'OQLKQK' is the correct answer.

#### 5. Answer: a

Explanation:

The pattern followed here is:



Hence, '369' is the correct answer.

6. Answer: d

Explanation:

The pattern followed here is:



Hence, '74' is the correct answer.

Your Personal Exams Guide

7. Answer: c

Explanation:

Given:

1) A, B, C and D is 147

$$\Rightarrow A + B + C + D = 147 \text{ ----- (i)}$$

2) The ratio of C and D is 3 : 5.

$$\Rightarrow C : D = 3 : 5$$

Let the common factor between C and D is 'x'

So,  $C = 3x$ ; and  $D = 5x$  ----- (ii)

3) D is five times A. C is twice of B.

$$\Rightarrow D = 5A \text{ and } C = 2B$$

Putting the value of C and D from eq. (ii)

$$\Rightarrow 5x = 5A \text{ and } 3x = 2B$$

$\Rightarrow A = x$  and  $B = 1.5x$  ----- (iii)

Putting the value of A and B from eq. (iii) and C and D from eq. (ii) in eq (i)

$$\Rightarrow x + 1.5x + 3x + 5x = 147$$

$$\Rightarrow 10.5x = 147$$

$$\Rightarrow x = 147 \div 10.5$$

$$\Rightarrow x = 14$$

Since  $B = 1.5x$

$$\text{So, } B = 1.5 \times 14 = 21$$

Hence, The value of B is "21".

### ★ Alternate Method

Given:

1) A, B, C and D is 147

$$\Rightarrow A + B + C + D = 147 \text{ ----- (i)}$$

2) The ratio of C and D is 3 : 5.

$$\Rightarrow C : D = 3 : 5$$

3) D is five times A. C is twice of B.

$$\Rightarrow D = 5A \text{ and } C = 2B$$



=> D : A = 5 : 1 and C : B = 2 : 1

$$\begin{array}{r}
 B : C : D : A \\
 \underline{3 : 3 : 5 : 5} \\
 \underline{5 : 5 : 5 : 1} \\
 \underline{1 : 2 : 2 : 2} \\
 \hline
 15 : 30 : 50 : 10 \\
 \hline
 3 : 6 : 10 : 2 \rightarrow 21 \rightarrow 147 \\
 \begin{array}{cccc}
 \times 7 \downarrow & \times 7 \downarrow & \times 7 \downarrow & \times 7 \downarrow \\
 \hline
 21 & 42 & 70 & 14
 \end{array}
 \end{array}$$

Hence, The value of B is "21".

8. Answer: a

Explanation:

The embedded part of this image is:



No.	Option	Question	Answer
1.			Embedded
2.			Not Embedded
3.			Not Embedded
4.			Not Embedded

Hence, option (1) is the correct answer.

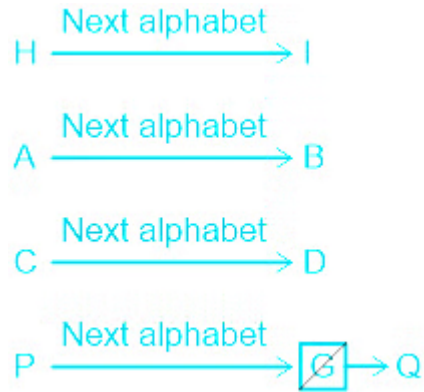
9. Answer: d

Explanation:

Table show alphabet serial number –

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The pattern followed is,



All follow the same pattern, except 'PG'.

Hence, "PG " is the odd one.

10. Answer: b

Explanation:

BODMAS rule:-

<b>B</b>	Brackets in order ( ), { }, [ ]	ब्रैकेट ( ), { }, [ ] क्रम में
<b>O</b>	of	का
<b>D</b>	Division (÷)	विभाजन (÷)
<b>M</b>	Multiplication (×)	गुणा (×)
<b>A</b>	Addition (+)	जोड़ (+)
<b>S</b>	Subtraction (-)	घटाव (-)

Decoding the information,

<b>Sign</b>	Z	X	Y	W
<b>Means</b>	+	×	÷	-

Given:

$$15 \div (11 \div 4) + 3 \times 4 (19 \div 3) \div 11 \times 3 (3 \div 2)$$

After replacing the signs from left to right and using the BODMAS rule,

$$= 15 \div (11 \div 4) + 3 \times 4 (19 \div 3) \div 11 \times 3 (3 \div 2)$$

$$= 15 \div 15 + 3 \times 4 \times 22 \div 11 \times 3 \times 5$$

$$= 1 + 3 \times 4 \times 2 \times 3 \times 5$$

$$= 1 + 3 \times 4 \times 2 \times 15$$

$$= 1 + 3 \times 4 \times 30$$

$$= 1 + 360$$

$$= 361$$

Hence, "361" is the correct answer.

## 11. Answer: b

### Explanation:

Statements:

Some pumpkins are bananas.

All bananas are bitter gourds.

The least possible diagram for the given statements is as follows



Conclusions:

I. No bitter gourd is a pumpkin → False (because all bananas are bitter gourds and Some pumpkins are bananas so no bitter gourd is a pumpkin is not possible)

II. Some bitter gourds are bananas → True (because all bananas are bitter gourds so some bitter gourds are also bananas)

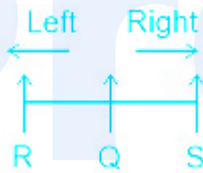
Hence, "Only conclusion II follows".

12. Answer: d

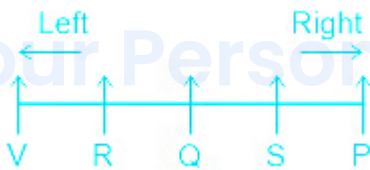
**Explanation:**

Total five friends facing north:- R, S, V, P and Q

1) Q is sitting to the right of R and left of S.



2) If V is the only one sitting to the left of R.



Hence, 'V' is sitting in the left most position .

13. Answer: d

**Explanation:**

The image obtained when the paper is unfolded is,



Hence, option 4 is the correct answer.

**14. Answer: d**

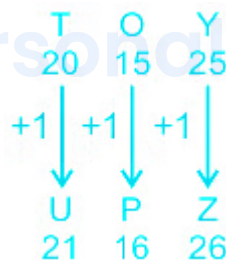
**Explanation:**

The table is alphabets place value:

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

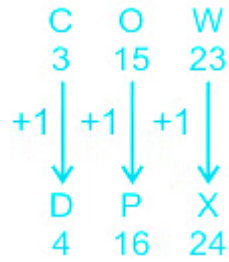
The pattern followed here is:

'TOY' is written as 'UPZ'



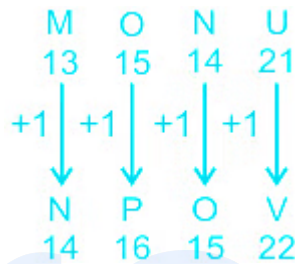
And

'COW' is written as 'DPX'



Similarly,

'MONU' = ?



Hence, 'MONU' is coded as "NPOV".

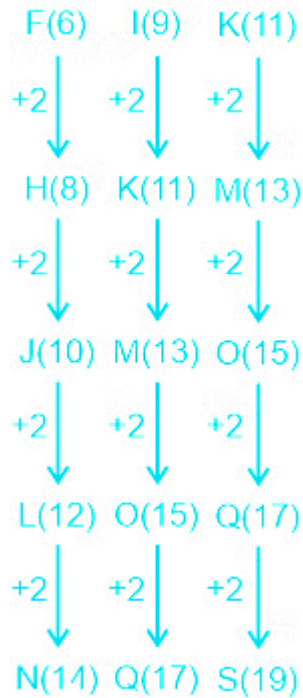
15. Answer: b

Explanation:

Table show alphabet serial number -

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The pattern followed is,



Hence, " NQS " is the complete series.

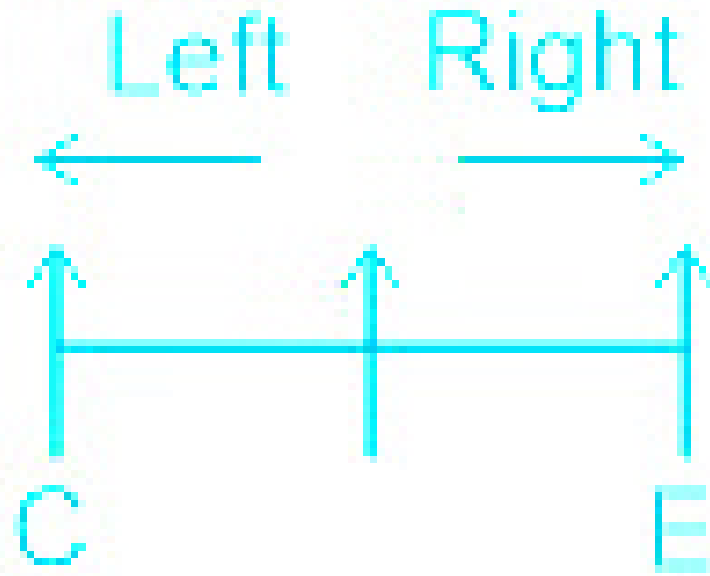
16. Answer: a

**Explanation:**

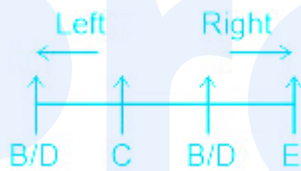
Total five friends facing north:- A, B, C, D and E

1) E is second to the right of C.





2) C is between B and D.



3) A and B are sitting together.



Hence, the '2nd' position of B from the left.

17. Answer: c

**Explanation:**

According to the sequence in the dictionary:

The correct order of the given words is:

2. Gorgeous

- 5. Go verness
- 3. Go vernment
- 4. Governor
- 1. Gracious

Hence, the correct answer is "2, 5, 3, 4, 1".

18. Answer: d

**Explanation:**

The Logic followed here is:

$$(1^{\text{st}} \text{ number})^2 + 2^{\text{nd}} \text{ number} = 3^{\text{rd}} \text{ number}$$

In 4, 17, 33

$$(1^{\text{st}} \text{ number})^2 + 2^{\text{nd}} \text{ number} = 3^{\text{rd}} \text{ number}$$

$$4^2 + 17 = 16 + 17 = 33$$

Similarly, **Your Personal Exams Guide**

Option 4 → 10, 14, 114

$$(1^{\text{st}} \text{ number})^2 + 2^{\text{nd}} \text{ number} = 3^{\text{rd}} \text{ number}$$

$$10^2 + 14 = 100 + 14 = 114$$

Hence, the correct answer is "(10, 14, 114)".

19. Answer: c

**Explanation:**

The pattern followed here is,

Let (1st number : 2nd number)

$$\text{1st number} \times (\text{1}^{\text{st}} \text{ number} - 1) = \text{2nd number}$$

Now follow the steps:

$$15 : 210$$

$$\Rightarrow 15 \times (15 - 1) = 15 \times 14 = 210 = \text{2nd number}$$

Similarly,

$$26 : ?$$

$$\Rightarrow 26 \times (26 - 1) = 26 \times 25 = 650 = \text{2nd number}$$

Hence, "650" is correct answer.

★ Alternate Method

The pattern followed here is,

Let (1st number : 2nd number)

$$(\text{1st number})^2 - \text{1}^{\text{st}} \text{ number} = \text{2nd number}$$

Now follow the steps:

$$15 : 210$$

$$\Rightarrow 15^2 - 15 = 225 - 15 = 210 = \text{2nd number}$$

Similarly,

$$26 : ?$$

$$\Rightarrow 26^2 - 26 = 676 - 26 = 650 = \text{2nd number}$$

Hence, "650" is correct answer.

20. Answer: a

**Explanation:**

The correct mirror image of the given figure when the mirror is held at the right side is:



**Detailed Explanation:**

- The line PQ is the mirror
- The given word "NANKU" ends with 'U'. So the mirror image will start with "U" → Options 2, 3 and 4 are eliminated.

Hence, "option (1)" is the correct answer.

★ **Additional Information**

In Mirror image left side and right side changed vice-versa where the top and bottom remain the same.

The reflection of an object into the water is its water image. It appears by inverting an object vertically i.e. upside down.

The water image of the figure looks like the mirror image of the figure in case the mirror is horizontally at the bottom of the figure.

Water image is just a reflection where top and bottom part of the images changed where left and right side of the image remain same.

21. Answer: d

**Explanation:**

The table is alphabets place value:

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

JAGUAR is written as MDJXDU



Similarly,

'LEOPARD' = ?



Hence, 'LEOPARD' is coded as "OHRSDUG".

**22. Answer: d**

**Explanation:**

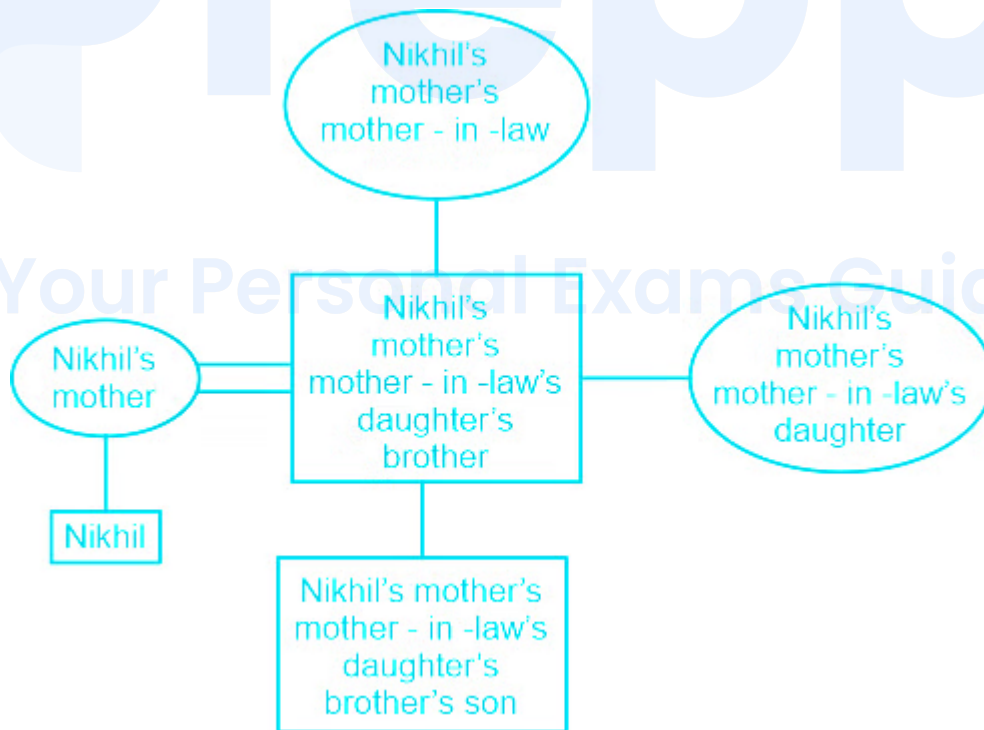
Preparing the family tree using the following symbols,

Symbol in Diagram	Meaning
○	Female
□	Male
==	Married Couple
—	Siblings
	Difference of A Generation

Given:

Nikhil said, "He is my mother's mother-in-law's daughter's only brother's son"

We can draw the following Family Tree from the information given above:



Hence, the Nikhil is the " Brother " of that boy.

23. Answer: b

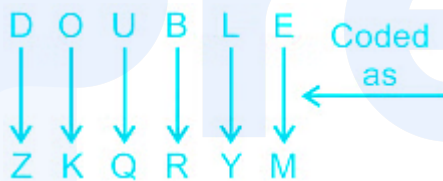
**Explanation:**

Solution:

The codes have been assigned as follows,

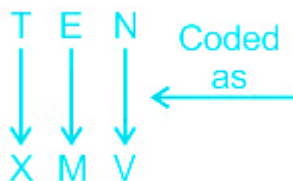
DOUBLE →

D	O	U	B	L	E
Z	K	Q	R	Y	M



TEN →

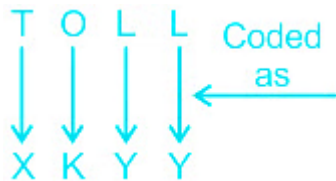
T	E	N
X	M	V



Similarly,

TOLL →

T	O	L	L
X	K	Y	Y



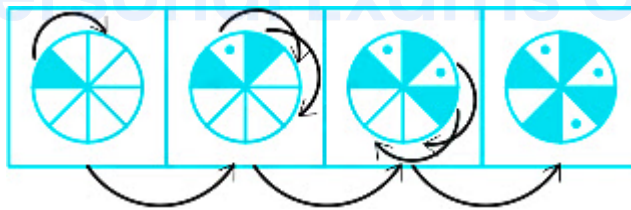
Hence, 'TOLL' is coded as 'XKYY'.

24. Answer: d

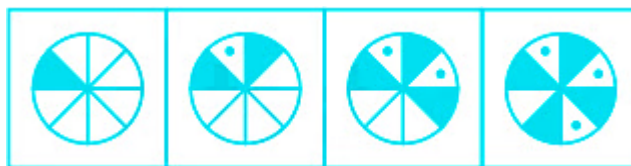
Explanation:

The figure that will replace the question mark (?) in the following figure series is shown below:

- The circle is divided into eight equal parts:
- The alternate circle part becomes pointed and dark in a clockwise direction.



Final series is:



Hence, 'option 4' is the correct answer.



25. Answer: b

**Explanation:**

The logic followed here is:

'Pen' is related to 'Ink' → Writing from a 'Pen' by using 'Ink' in a pen.

Similarly,

'Brush' is related to 'Paint' → Painting from a 'Brush' by using 'Paint' in a brush.

Hence, 'Paint' is the correct answer.

26. Answer: a

**Explanation:**

The correct answer is 5 Lakh.

★ **Key Points**

- Ayushman Bharat- Pradhan Mantri Jan ArogyaYojana (PMJAY) will provide a cover of up to Rs. 5 lakhs per family per year, for secondary and tertiary care hospitalization.
- This is the “world’s largest government-funded healthcare program” targeting more than 50 crore beneficiaries.
- Over 10.74 crore vulnerable entitled families (approximately 50 crore beneficiaries) will be eligible for these benefits.
- PMJAY will provide cashless and paperless access to services for the beneficiary at the point of service.
- PMJAY will help reduce catastrophic expenditure for hospitalizations, which impoverishes people and will help mitigate the financial risk arising out of catastrophic health episodes.

- Entitled families will be able to use the quality health services they need without facing financial hardships.
- When fully implemented, PMJAY will become the world's largest fully government-financed health protection scheme.
- It is a visionary step toward advancing the agenda of Universal Health Coverage (UHC).

★ Additional Information

- Ayushman Bharat is a progression towards promotive, preventive, curative, palliative and rehabilitative aspects of Universal Healthcare through access to Health and Wellness Centers (HWCs).
- It adopts a continuum-of-care approach, **comprising two interrelated components** :
  - The creation of 1,50,000 Health and Wellness Centres will bring health care closer to the homes of the people.
- These centres will provide **Comprehensive Primary Health Care (CPHC)** , covering both maternal and child health services and non-communicable diseases, including free essential drugs and diagnostic services.

---

27. Answer: a

Explanation:

The correct answer is Harshavardhana.

★ Key Points

- Banabhatta:
  - Banabhatta was a court poet of King Harshavardhana .
  - He was one of the great patronages of Sanskrit Literature.
  - Banabhatta was the Asthana Kavi in the court of King Harsha.
  - He was the writer of King Harsha's biography Harshacharitra.
  - He was the writer of the world's earliest novel Kadambari.

★ Additional Information

- Harshavardhana:
  - With the commencement of the 7th century, Harshavardhana ( 606–647 A.D.) ascended the throne of Thaneshwar and Kannauj on the death of his brother, Rajyavardhana.
  - By 612 Harshavardhana consolidated his kingdom in northern India.
  - Harshavardhana is well known for his religious toleration, able administration and diplomatic relations.
  - He maintained diplomatic relations with China and sent envoys, who exchanged ideas of the Chinese rulers and developed their knowledge about each other.
  - The Chinese traveller, Hiuen Tsang, who visited India during his reign, has given a vivid description of the social, economic and religious conditions, under the rule of Harsha spoke highly of the king.
- Chandragupta:
  - Chandragupta Maurya was the founder of the Mauryan Empire.
  - At the young age of 25, he captured Pataliputra from the last ruler of the Nanda dynasty, Dhanananda.
  - In this task, he was assisted by Kautilya, who was also known as Chanakya or Vishnugupta.
  - In 305 B.C., he marched against Seleucus Niketar, who was Alexander's General controlling northwestern India.
  - Chandragupta Maurya defeated him and a treaty was signed. By this treaty, He gave his daughter in marriage to the Mauryan prince.
  - Megasthenes was sent to the Mauryan court as a Greek ambassador.
  - Chandragupta embraced Jainism towards the end of his life and stepped down from the throne in favour of his son Bindusara.
  - Then he went to Sravana Belgola, near Mysore along with Jain monks led by Bhadrabhagu and starved himself to death.
- Ashoka:
  - Ashoka was a Mauryan emperor.
  - Bindusara and Subhadrangi (or Dharma) were Ashoka's father and mother respectively.
  - He was the grandson of Chandragupta Maurya, the founder of the Maurya dynasty.

- Ashoka is considered by many to be one of India's greatest emperors, Ashoka expanded Chandragupta's empire to reign over a realm covering the entire Indian subcontinent except for parts of present-day Kerala, Tamilnadu, and Karnataka.
- After the Kalinga war, the Mauryan emperor Ashoka converted to Buddhism from Hinduism, to propagate Buddhism he sent his son Mahendra and his daughter Sanghmitra as missionaries to Ceylon about 251 BC .
- They converted the royal family of Ceylon, who helped them in propagating Buddhism across the state.

## 28. Answer: a

### Explanation:

The correct answer is Chait (Chet) Singh.

#### ★ Key Points

- **Maharaja Chait (Chet) Singh** of Benaras (Banaras) was arrested by Warren Hastings in 1781.
- **16th August 9:30 am-** a letter was sent to Raja Chait Singh at his Shivala residence stating that he had failed to obey the orders of the British and did not help the Company by providing the required troops.
- Chait Singh replied that he had duly performed his duties.
- The reply wasn't what Warren Hastings had anticipated and this angered him further.
- Eventually, **he ordered Chait Singh to be arrested**.
- The news of Chait Singh's arrest spread like a fire in the city.
- Supporters of Raja of Benaras started pouring at his **Shivala palace**.
- Few British soldiers were deployed at **Raja's fort on the banks of river Ganga at Shivala Ghat**.

#### ★ Additional Information

- The first governor-general in India (of Bengal) was Warren Hastings in 1773.

- He started his career as a writer (clerk) in the East India Company at Calcutta in 1750.
  - Established revenue board in 1772.
  - He Abolished the dual system of governance.
  - He founded the Asiatic Society of Bengal with William Jones in 1784 in Calcutta.
  - Warren Hastings laid the foundation of civil service and Lord Cornwallis reformed, modernized, and rationalized it.
- 

29. Answer: a

**Explanation:**

The correct answer is 105.

★ Key Points

- India ranked 105th in Economic Freedom Index 2020.
  - India's total score in this index was 56.5 and its overall score is increased by 1.3 points.
  - Singapore topped the Economic Freedom Index 2020.
  - Hong Kong for the first time secured 2nd rank since the 1st publication in 1995.
  - North Korea ranked last, securing 180th rank.
- This index is based on 12 factors which have 4 pillars.

★ Additional Information

- The Index of Economic Freedom is an annual index and ranking which measure the degree of economic freedom in the world's nations.
  - Heritage Foundation releases Index of Economic Freedom.
  - **Heritage Foundation**– a conservative public policy research organization of The United States with its headquarter in Washington D.C. was founded in 1973 by **Edwin Feulner and Paul Weyrich**.
-

30. Answer: d

**Explanation:**

The correct answer is Sudha Murty.

★ Key Points

- On the 70th birthday of award-winning author Sudha Murty, publishing house Penguin Random House India on Wednesday announced her latest collection of short stories, 'Grandparents' Bag of Stories' .
- A prolific writer in English and Kannada, Sudha Murthy has written novels, technical books, travelogues, collections of short stories and non-fictional pieces, and books for children.
- Murty was the recipient of the R.K. Narayan Award for Literature and the Padma Shri in 2006, and the Attimabbe Award from the government of Karnataka for excellence in Kannada literature in 2011.
- Some other important books are written by Sudha Murthy:-
  - Wise and Otherwise
  - How I taught my grandmother to read and other stories.
  - Gently fall the Bakula.
  - Mahashweta
  - Doller Bahu

★ Additional Information

- **Gauri Khan** is an Indian film producer and fashion designer who works in Hindi films and designer.
- **Twinkle Khanna** is an Indian author interior designer, film producer and a former film actress.
  - In 2015, she released her first non-fiction book , "**Mrs Funnybones**".
- **Suzanna Arundhati Roy** is an Indian author best known for her novel The God of Small Things, which won the Man Booker Prize for Fiction in 1997.

### 31. Answer: b

#### Explanation:

The correct answer is **Article 21**.

#### ★ Key Points

- Article 21 is the protection of life and personal liberty .
  - No person shall be deprived of his life or personal liberty except according to the procedure established by law.
  - It guarantees life and personal liberty to all persons irrespective of caste or gender.
  - It guarantees the right of persons to live with human dignity.
  - All the aspects of life go to make a person's life meaningful, complete, and worth living.
- Article 21 provides freedom from wrongful detention, arrest, and confinement.

#### ★ Additional Information

- **Article 17** of the Constitution of India deals with the abolition of untouchability.
- **Article 20** has taken care to safeguard the rights of persons accused of crimes.
  - No person shall be convicted of any offence except for violation of the law in force at the time of the commission of the act charged as an offence, nor be subjected to a penalty greater than that which might have been inflicted under the law in force at the time of the commission of the offence.
- **Article 26** in The Constitution Of India 1949 states regarding freedom to manage religious affairs Subject to public order, morality and health, every religious denomination or any section thereof shall have the right.

---

### 32. Answer: b

#### Explanation:

The correct answer is Dr. Babasaheb Ambedkar.

### ★ Key Points

- **Dr. Babasaheb Ambedkar** can be described as 'a spokesperson of the backward classes and castes in India'.
- Dr. Babasaheb Ambedkar did a valuable work of **creating awareness in the untouchable society**.
- He was born in Mahu, a village near Indore in Madhya Pradesh.
- Due to his work, the people and activists awarded him the title of **Babasaheb**.
- Babasaheb did the work of social awareness and organization of Dalits.
- On 20 July 1924, he established the **Bhiskrit Hitkarani Sabha**.
- In 1927, Babasaheb organized the Mahad Satyagraha to see the Chavdar Thalai at Mahad to give courage and confidence to the untouchables.
- Babasaheb started a newspaper to educate the Dalits and the main papers were **Mooknayak, Bahishkrit Bharat, and Janata**.
- He embraced **Buddhism on 14 October 1956 at Nagpur**.

### ★ Additional Information

- Sardar Patel was born on 31st October 1875 in Nadiad, Gujarat.
  - He was the first Home Minister and Deputy Prime Minister of India.
  - He played an important role in the integration of many Indian princely states to make an Indian federation.
  - At the time of independence, Sardar Patel played a key role in convincing several princely states to align with the Indian Union.
  - He also worked hard as a social leader for the Independence of India.
  - Women of Bardoli bestowed the title 'Sardar' on Vallabhbhai Patel, which means 'a Chief or a Leader'.
- Dr. Rajendra Prasad was the longest-serving President of India (1950 to 1962).
  - Dr. Rajendra Prasad was elected as the first President of India on 24th January 1950
  - He was one of the prominent leaders of the Indian independence movement and played a prominent role as the President of the Indian National Congress.



- He served as the president of the Constituent Assembly that drafted the first constitution of the Republic of India, which lasted from 1948 to 1950.
- Subhas Chandra Bose was born on 23rd January 1897 in Cuttack, Orissa.
  - One of the greatest freedom fighters of India popularly known as Netaji.
  - Subhas Chandra Bose was elected twice as the president of the INC in the Haripura session in 1938 and the Tripuri session in 1939.
  - Subhas Chandra Bose founded the All India Forward Bloc on 22nd June 1939.

33. Answer: d

**Explanation:**

The correct answer is Sanitation literacy campaign.

★ Key Points

- The National Bank for Agriculture and Rural Development, NABARD is embarking on a **Sanitation Literacy Campaign** in Karnataka.
- It will create awareness on **good hygiene and sanitation practices among rural masses**.
- The campaign will commence on 2 Oct 2020 and continue until 26 Jan 2021.
- Under Swachh Bharat Mission, they also supported the construction of 3.29 crore household toilets.

★ Additional Information

- About NABARD
  - Headquarters: Mumbai
  - Chairman: **Shri Shaji K V**
  - Established in: 1982
- Karnataka:
  - Number of Districts - 30.
  - Lok Sabha seats - 28.
  - Rajya Sabha seats - 12.

- National Parks – Anshi National Park, Bandipur National Park, Bannerghatta National Park, Kudremukh National Park, Rajiv Gandhi (Nagarahole) National Park.

### 34. Answer: a

#### Explanation:

The correct answer is 1931.

#### ★ Key Points

- The Gandhi-Irwin pact was signed in **1931**.
- The Gandhi-Irwin pact was signed between Mahatma Gandhi and the then Viceroy of India, Lord Irwin on March 5, 1931.
- The features of the Gandhi-Irwin pact:
  - Congress would participate in the Second Round Table Conference.
  - Congress would discontinue the Civil Disobedience Movement.
  - The Government would withdraw all ordinances issued to curb Congress.
  - The Government would withdraw all prosecutions relating to offenses other than violent ones.
  - The Government would release all persons undergoing sentences of imprisonment for their activities in the civil disobedience movement.

#### ★ Additional Information

- Civil Disobedience Movement
  - The Civil Disobedience Movement was started by Gandhi on 12th March 1930 with his famous Dandi March.
  - Together with 78 chosen followers, Gandhi walked nearly 375 km from Sabarmati Ashram to Dandi, a village on the Gujarat sea coast.
  - On the morning of 6th April 1930, Gandhiji broke the salt law by making salt. Thousands of people followed suit.
  - This movement resulted in Gandhi-Irwin Pact on 5 March 1931.
  - Indians were allowed to make salt for domestic use.

- Gandhiji attended the Second Round Table Conference in London as an 'equal'.

35. Answer: a

**Explanation:**

The correct answer is Thyroid.

★ Key Points

- Calcitonin
  - It is a thyroid hormone that controls the balance of calcium in the body.
  - The thyroid gland is the largest endocrine gland in the human body.
  - Thyroxine and Calcitonin are the hormones secreted by the Thyroid gland.
  - Calcitonin lowers the **concentration of calcium** in blood whenever it rises above the normal value.
  - The normal level of **calcium in the blood** is 8-10 mg/dL.

★ Additional Information

- The **pituitary gland** is located inside the brain in a bony cavity called sella turcica.
  - This gland is also known as 'Master Gland'.
- The **pineal gland** is located on the dorsal side of the forebrain.
  - Pineal secretes a hormone called melatonin.
- The **thyroid gland** is composed of two lobes which are located on either side of the trachea.
  - The lobes are interconnected with a thin flap of connective tissue called isthmus.
  - The thyroid gland produces two hormones, tetraiodothyronine or thyroxine (T4) and triiodothyronine (T3).
- Our body has one pair of **adrenal glands**, one at the anterior part of each kidney.
  - The gland is composed of two types of tissues.

- The centrally located tissue is called the adrenal medulla , and outside this lies the adrenal cortex
  - The adrenal medulla secretes two hormones called adrenaline or epinephrine and noradrenaline or norepinephrine .
- 

**36. Answer: a**

**Explanation:**

The correct answer is 1930.

★ Key Points

- The 1st Commonwealth Games were held in 1930 in Hamilton, Canada.
- After Olympics, Commonwealth Games is the second-largest sports festival in the world.
- The Games are held once in four years but only in between the Olympic years.
- The 1st Commonwealth Games were held in 1930 at Hamilton, Canada.
- India participated for the first time in the second Commonwealth games held in London in 1934.

★ Additional Information

- The Commonwealth Games is a festival of sports of the Commonwealth countries.
  - Since 1930, the games have been conducted every four years except for 1942 and 1946.
  - The 2018 Commonwealth Games were held in Goldcoast, Australia.
  - The 2022 Commonwealth Games will be held in Birmingham, England.
- 

**37. Answer: b**

**Explanation:**

The correct answer is 331.

★ Key Points

- **Article 331** of the Constitution of India states that the President **can nominate two members of the Anglo-Indian community** to the Lok Sabha if the community is not adequately represented.
- In January 2020, the Anglo-Indian reserved seats in the Parliament and State Legislatures of India were abolished by the 104th Constitutional Amendment Act, 2019.

★ Additional Information

- Article 333: Representation of the Anglo-Indian community in the Legislative Assemblies of the States.
- Article 335: Claims of Scheduled Castes and Scheduled Tribes to services and posts.
- Article 337: Special provision concerning educational grants for the benefit of the Anglo-Indian Community.

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38. Answer: c

**Explanation:** Your Personal Exams Guide

The correct answer is Vietnam.

★ Key Points

- India and Vietnam have signed an implementation agreement (IA) on hydrography.
- The agreement was signed during a virtual bilateral meeting between Defence Minister Rajnath Singh and his Vietnamese counterpart General Ngo Xuan Lich.
- Both the Ministers discussed ways to further the Comprehensive Strategic Partnership and friendship between both countries, during the meeting.

★ Additional Information

- Vietnam:
    - Capital - Hanoi.
    - Currency - Vietnamese dong.
    - President - Nguyen Phu Trong.
- 

### 39. Answer: a

#### Explanation:

The correct answer is the Indian Ocean.

#### ★ Key Points

- Java Trench
  - It is also called **Sunda Double Trench**, the **deepest point of the Indian Ocean**.
  - The trench is considered to be part of the Pacific Ring of fire as well as one of a ring of oceanic trenches around the northern edges of the Australian Plate.
- Indian Ocean
  - It is the third biggest ocean in the world.
  - It is bounded by Asia to the North, Africa to the west, and Australia to the east.
  - The deepest point in the Indian Ocean is the Java Trench.
  - The majority of the Indian Ocean is in the Southern Hemisphere.

#### ★ Additional Information

- Pacific Ocean
  - It is the largest ocean among all the oceans.
  - It is bounded by the continents of Asia in the West and America in the west.
  - **The Mariana Trench**, in the Pacific Ocean, is the deepest location on Earth.
  - In the Pacific Ocean, El Nino affects the weather conditions.
  - It was named after Portuguese explorer Ferdinand Magellan.
- Atlantic Ocean

- It is the second-largest ocean.
- Its deepest point is **Milwaukee Trench**.
- It has the largest coastline.
- It is the busiest route for trade and commerce in the world.
- Southern Ocean
  - The Southern Ocean is also known as the Antarctic Ocean comprises the southernmost waters of the World Ocean.
  - It is the second smallest ocean among all the oceans.
  - The **South Sandwich Trench** is the deepest point of this ocean.

40. Answer: a

Explanation:

The correct answer is Helium.

★ Key Points

- Helium is an inert gas
- Because of its inertness, it does not react with other substances. Hence Helium is used in balloons.
- Properties of Helium
  - It has the lowest boiling point of any element at  $-269\text{ }^{\circ}\text{C}$  and a low density .
  - This allows Helium to float.

★ Additional Information

- In the modern periodic table, group 18 belongs to inert gases.
- This group of a series of gases including Argon, Helium, Neon, Krypton, Xenon, and Radon.
- **Radon** is the only radioactive out of all and its also not present in the Atmosphere.

<u>Noble Gas</u>	<u>Percentage (%)</u>
Helium	0.00052
Neon	0.0018
Argon	0.934
Krypton	0.0001
Xenon	0.000009

#### 41. Answer: b

#### Explanation:

The correct answer is Kerala.

#### ★ Key Points

- Onam :
  - It is a harvest festival of Kerala .
  - It is celebrated to commemorate the arrival of King Mahabali.
  - The festival lasts for **ten days**.
  - It is also a harvest festival and falls on the 22nd Nakshatra Thiruvonam in the Malayalam calendar month of Chingam, which in the Gregorian calendar overlaps with August–September.

#### ★ Additional Information

Important festivals of different sates are:



States	Festivals celebrated
Karnataka	Makar Sankranti, Hampi festival, Hoysala Mahotsava and Karaga.
Kerala	Onam, Thrissur Pooram, Arattu, and Aranmula Uthrattathi.
Goa	Shigmo, Sao Joao festival, Goa Carnival and Easter
Tamil Nadu	Mahamaham, Thaipusam, Karthigai Deepam, Thiruvaiyaru Festival.

42. Answer: a

**Explanation:**

The correct answer is Quality and Sustainable Schools: Learnings from Schools in India.

★ Key Points

- Prime Minister Narendra Modi addressed the inaugural conclave of Shikshak Parv on 7 September 2021 through video conferencing.
- The theme of 'Shikshak Parv-2021' is – **Quality and Sustainable Schools: Learnings from Schools in India.**
- Education Ministry is organising a 2-day conclave on School Education in 21st Century under Shikshak Parv starting 10 September 2020, through an online medium.
- On the first day of the Conclave, the focus will be on Principal and Teacher practitioners, who will discuss how they have already implemented certain themes of the NEP in creative ways.

★ Additional Information

- The Prime Minister will launch five initiatives of the Department on 7th September 2021.
- These include:

- Indian Sign Language dictionary of 10 thousand words,
- Talking Books the audiobooks for the visually impaired,
- School Quality Assessment and Accreditation Framework SQAAC of CBSE,
- NISTHA teachers' training programme for NIPUN Bharat and
- Vidyanjali Portal for facilitating education volunteers or donors or CSR contributors for school development.

43. Answer: c

**Explanation:**

The correct answer is Table tennis.

★ Key Points

- Achanta Sharath Kamal is a professional player of **table tennis from India**.
- With **four Commonwealth Games golds, two Asian Games medals, three Olympic Games** appearances, and **two ITTF Pro Tour** titles under his belt, Sharath Kamal is arguably the best Indian table tennis player in history.
- **Other table tennis player :**
  - Sharath Kamal,
  - Sathiyar Gnanasekaran,
  - Sutirtha Mukherjee,
  - Manika Batra

★ Additional Information

- Achievements
  - He won his first national title in 2003 and his first international medal at the 2004 Commonwealth Table Tennis Championships .
  - He has conferred the Arjuna Award in 2004, won five national titles in a row.
  - A historic singles gold medal at the 2006 Commonwealth Games in Melbourne .
  - In 2010, Sharath Kamal became the first Indian table tennis player to win an ITTF Pro Tour title.

- In 2020, at the age of 37, Sharath Kamal finally won his second international title at the Oman Open, a decade after his first.
  - Currently ranked world No. 32, he qualified for the Tokyo Olympics -
  - His fourth Games appearance - at the Asian Olympic qualification tournament in the men's singles and mixed doubles with Manika Batra.
- 

**44. Answer: a**

**Explanation:**

The correct answer is Mohammad Siraj.

★ Key Points

- Mohammed Siraj became the **first bowler to bowl two maiden overs** in an Indian Premier League (IPL) match.
- He plays for **Royal Challengers Bangalore (RCB)**.
- Siraj achieved the feat **against Kolkata Knight Riders (KKR)** at the Sheikh Zayed Stadium in Abu Dhabi.
- The 26-year-old took two wickets in his first over without conceding a run and followed it up with another wicket maiden against KKR today.

★ Important Points

- **Praveen Kumar** bowled the most number of Maiden overs in IPL History.
  - He bowled a total of **14 overs Maiden**.
- 

**45. Answer: b**

**Explanation:**

The correct answer is Rajasthan.

★ Key Points

- Prime Minister Narendra Modi unveiled the Statue of Peace on 16 November 2020.
- The unveiling was done in order to mark the 151st birth anniversary of Shree Vijay Vallabh Surishwer Ji Maharaj . PM Modi did the unveiling via video conference.
- The statue is a 151-inch-tall structure and it is installed at the Vijay Vallabh Sadhana Kendra located in Jetpura of Rajasthan's Pali district . The statue has been made out of Ashtadhatu.

★ Important Points

- Basic Information about Shree Vijay Vallabh Surishwer Ji Maharaj:
  - Shree Vijay Vallabh Surishwer Ji Maharaj was a Jain saint who lived from 1870 to 1954. He worked with dedication to spreading among people the message of Lord Mahavira.
  - The saint also worked towards the eradication of social evils, spreading of education and the welfare of people, while also writing inspiring literature spanning from poetry and essays to stevens and devotional hymns.

★ Additional Information

- Rajasthan:
  - Chief Minister: Ashok Gehlot
  - Governor: Kalraj Mishra
  - State Animal: Chinkara
  - State Heritage Animal: Dromedary camel
  - State Bird: Indian bustard
  - State Flower: Rohida
  - National Parks and Wildlife Sanctuaries : Ranthambhor National Park, Desert National Park, Bharatpur National Park, Sariska Wildlife Sanctuary, Kumbhalgarh Wildlife Sanctuary

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46. Answer: b

## Explanation:

The correct answer is 2005.

### ★ Key Points

- National Jute Policy was formulated in **2005** for increasing productivity, improving quality ensuring good prices for the jute farmers and enhancing the yield per hectare.
- The policy objective is to enable the jute industry to build world-class state-of-the-art manufacturing capabilities .
- Its goal is to encourage Foreign Direct Investment, research and development in the sector.
- The policy is undertaken by the Ministry of Textiles .
- Its vision is for sustainable employment generation and the economic growth of the nation .
- It focuses on increasing exports to Rs.5000 crore by 2010 from the present level of Rs.1000 crore .

### ★ Additional Information

- **Jute** is known as golden fibre because it is the most used natural fibre.
- Used in making gunny bags, mats, ropes, yarn, carpets and other artefacts .
- It is cultivated mainly in eastern India because of the rich alluvial soil of the Ganga-Brahmaputra delta .
- India, Bangladesh, China and Thailand are the world's largest producing countries of Jutes.
- For its cultivation is the required temperature between 25-35°C and rainfall of about 150-250 cm .
- The top Jute Producing State is West Bengal followed by Bihar and Assam .

---

47. Answer: d

## Explanation:

The correct answer is Punjab.

★ Key Points

- 'Shaheedi Sabha' is a festival celebrated in Punjab .
- Shaheedi Sabha is **three-day annual religious congregation** organised every year in December at **Gurdwara Fatehgarh Sahib, in the Fatehgarh Sahib district of Punjab**.

★ Additional Information

- **Other festivals of Punjab:**
  - Lohri, the bonfire harvest festival of Punjab celebrated in the month of Magh, is symbolic of new beginnings .
  - Hola Mohalla, also called Hola, is a three-day long Sikh festival which normally falls in March.
  - Maghi is the regional name of the Hindu festival of Makar Sankranti celebrated in Punjab and Himachal Pradesh.
  - The Muktsar fair is one of the largest Sikh fairs held in Muktsar Sahib commonly referred to as Muktsar.
  - Baisakhi festivals of Punjab is traditionally associated with the harvest of rabi crops.

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48. Answer: d

**Explanation:**

The correct answer is 2015-16 to 2019-20.

★ Key Points

- As per Economic Survey 2020-21, from the year 2015-16 to 2019-20 infant mortality **rates declined by 12%** for states that did not adopt the ' **Ayushman Bharat Pradhan Mantri Jan Arogya Yojana**' (AB-PMJAY).
- The Economic Survey in its most crucial analysis attempts to estimate the causal impact of PMJAY on health outcomes by undertaking a difference-in-

difference analysis.

- As PMJAY was implemented in March 2018, health indicators measured by **National Family Health Surveys 4 (in 2015–16) and 5 (in 2019–20) provide before–after data to assess this impact.**
- The Pre-Budget survey **compares the States that implemented PMJAY with those that did not adopt.**
- The reduction in Infant Mortality Rate (IMR) was **20 per cent vis-à-vis 12 per cent** in PMJAY and non-PMJAY states respectively, an increment of 8 per cent for states that adopted PMJAY versus those that did not.

#### ★ Additional Information

- **AB-PMJAY** was launched on 23 September 2018.
- This scheme is a Centrally sponsored scheme with some Central sector components.
- PMJAY offers a sum insured of 5 lakh per family for secondary care (which doesn't involve a super-specialist) as well as tertiary care.
- For the beneficiaries, this is a free scheme.
- An entitlement-based scheme that targets the beneficiaries as identified by the latest Socio-Economic Caste Census (SECC) data.

49. Answer: c

#### Explanation:

The correct answer is Smriti Mandhana.

#### ★ Key Points

- Smriti Mandhana has become the new ambassador of Equitas Small Finance Bank .
- Mandhana will promote the new women focussed product of Equitas named 'Eva' .
- Eva is a kind of bank account that will ensure the physical and financial well being of women.

★ Additional Information

- Equitas Small Finance Bank is a microfinance lender that was established in the year 2004 .
  - It is a subsidiary company of Equitas Holdings Limited and is headquartered in Chennai.
  - Shri Arun Ramanathan as its Chairman.
- Smriti Mandhana:
  - Smriti Mandhana is an Indian female left-handed batswoman.
  - She was born on July 18, 1996, and belongs to Mumbai , Maharashtra.
  - Honours :
    - BCCI: Best Women's International Cricketer.
    - ICC: Rachael Heyhoe Flint Award and ODI player of the year.

50. Answer: c

**Explanation:**

The correct answer is Pitti Island .

★ Key Points

- **Pitti Island Bird Sanctuary** is located in uninhabited island in India has a bird sanctuary.
  - It is located in Lakshadweep.
  - Pitti bird sanctuary is also known as Pakshipitti, this name is derived from the Tamil word Pitti means bird.
  - It is an important nesting place for pelagic birds like the sooty tern, the greater crested tern, and the brown noddy.
  - It is also a prominent breeding place for sea turtles .
  - This island belongs to the Kavaratti Tehsil or District.
  - Place is best to find these birds nest side by side on dry coral rubble.
  - 75 seabird species can be found here in this sanctuary.
  - It is one of the most famous bird-watching sites in Lakshadweep wildlife sanctuaries, India.



★ Additional Information

- Lakshadweep is an uninhabited island and a designated Bird Sanctuary.
- It has a total of 36 islands and has its capital called Minicoy.
- The entire island has been divided by an eleven-degree channel.
- North of which has Amini Island and the South part has Canannore island.
- Some of the other prominent islands of Lakshadweep are:
  - Kavaratti Island located 404 kilometers to the west of the city Kochi famous for its pristine white sand beaches making it a place tourist attraction.
  - Agatti Island is located 459 kilometers from Kochi and is a tourist place.
  - Minicoy Island is located 398 kilometers west of Trivandrum which is the capital city of Kerala.
  - Amini Island is located in the Aminidivi Tehsil of Lakshadweep.

51. Answer: d

Explanation:

Given:

$$78 \div 13 \text{ of } 5 - [48 \div 72 \times 3 - 15 \div 8 \times (23 - 29) - 17] \text{ of } 4$$

Concept used:

<b>B</b>	Brackets in order {}, {}, []	ब्रैकेट {}, {}, [] क्रम में
<b>O</b>	of	का
<b>D</b>	Division (÷)	विभाजन (÷)
<b>M</b>	Multiplication (×)	गुणा (×)
<b>A</b>	Addition (+)	जोड़ (+)
<b>S</b>	Subtraction (-)	घटाव (-)

Calculation:

$$78 \div 13 \text{ of } 5 - [48 \div 72 \times 3 - 15 \div 8 \times (23 - 29) - 17] \text{ of } 4$$

$$\Rightarrow 78 \div 13 \text{ of } 5 - [48 \div 72 \times 3 - 15 \div 8 \times -6 - 17] \text{ of } 4$$

$$\Rightarrow 78 \div 13 \text{ of } 5 - [48 \div 72 \times 3 + 15 \div 8 \times 6 - 17] \text{ of } 4$$

$$\Rightarrow 78 \div 13 \text{ of } 5 - [2/3 \times 3 + 15/8 \times 6 - 17] \text{ of } 4$$

$$\Rightarrow 78 \div 13 \text{ of } 5 - [2 + 45/4 - 17] \text{ of } 4$$

$$\Rightarrow 78 \div 13 \text{ of } 5 - [-15/4] \text{ of } 4$$

$$\Rightarrow 78 \div 13 \text{ of } 5 + 15/4 \text{ of } 4$$

$$\Rightarrow 78 \div 65 + 15$$

$$\Rightarrow 1.2 + 15$$

$$\Rightarrow 16.2$$

$\therefore$  The simplified value is 16.2.

52. Answer: d

Explanation:

Given:

The savings of Radha are equal to 40% of her expenditure.

Her income increases by 25% and her expenditure increases by 40%.

Concept used:

$$\text{Income} = \text{Expenditure} + \text{Savings}$$

$$\text{Incremented/Reduced value} = \text{Initial value} (1 \pm \text{change}\%)$$

Calculation:

Let the expenditure of Radha be 100p.

Her savings =  $100p \times 40\% = 40p$

Her income =  $100p + 40p = 140p$

Later,

Her income =  $140p + 140p \times 25\% = 175p$

Her expenditure =  $100p + 100p \times 40\% = 140p$

Her savings =  $175p - 140p = 35p$

Now, her savings decreased by =  $\frac{40p-35p}{40p} \times 100\% = 12.5\%$

$\therefore$  Her savings decreased by 12.5%.

---

53. Answer: d

Explanation:

Given:

An integer 'k' is divisible by 3, 5 and 10.

Concept used:

LCM is the smallest common multiple of two or more numbers.

Calculation:

$LCM(3, 5, 10) = 30$

Since 'k' is divisible by 3, 5, and 10, k must be a multiple of 30.

So, only 2k is a possible multiple of 30 here.

∴ 2k will be the next larger integer divisible by all these numbers.

---

54. Answer: d

Explanation:

Given:

By selling an article for Rs. 299.20, a shopkeeper loses 12%.

Concept used:

$$\text{Profit\%} = \frac{(\text{Selling Price} - \text{Cost Price})}{\text{Cost Price}} \times 100\%$$

$$\text{Selling Price} = \text{Cost Price} - \text{Cost Price} \times \text{Loss\%}$$

Calculation:

Let the cost price be p.

According to the concept,

$$p - p \times 12\% = 299.20$$

$$\Rightarrow 0.88p = 299.20$$

$$\Rightarrow p = 299.20/0.88$$

$$\Rightarrow p = 340$$

$$\text{Now, his gain\%} = \frac{350.20 - 340}{340} \times 100\% = 3\%$$

∴ If he sells it for Rs. 350.20, then there is a 3% gain.

---

55. Answer: a

Explanation:

Given:

A and B can do a piece of work in 36 days and 48 days, respectively.

They work together for 12 days.

The remaining work is completed by C alone in 10 days.

Concept used:

Total work = Work done per day  $\times$  Total time taken

Calculation:

$$\text{LCM}(36, 48) = 144$$

Let the total work be the LCM of the time taken by different workers.

So, total work = 144 units

A does each day =  $144/36 = 4$  units

B does each day =  $144/48 = 3$  units

Work done in 12 days by A and B together =  $12(4 + 3) = 84$  units

Remaining work =  $144 - 84 = 60$  units

So, C does each day =  $60/10 = 6$  units

Now, A and C together can complete 62.5% of the original work in

$$\Rightarrow (144 \times 62.5\%)/(4 + 6)$$

$$\Rightarrow 90/10 = 9 \text{ days}$$

$\therefore$  A and C together can complete 62.5% of the original work in 9 days.

---

56. Answer: d

### Explanation:

Given:

The average weight of A, B, and C is 60 kg.

The average weight of A and B is 45 kg.

Concept used:

Total = Average  $\times$  Number of entities

Calculation:

Let the weights of A, B, and C be represented as A, B, and C.

According to the question,

$$A + B = 45 \times 2$$

$$\Rightarrow A + B = 90 \quad \dots(1)$$

$$A + B + C = 60 \times 3$$

$$\Rightarrow 90 + C = 180 \quad (\text{From 1})$$

$$\Rightarrow C = 180 - 90$$

$$\Rightarrow C = 90$$

$\therefore$  The weight of C is 90 kg,

---

### 57. Answer: b

### Explanation:

Given:

A pool has length 15 m, breath 10 m, and depth 3 m.

The water is filled up to a depth of 2.5 m.

Concept used:

Volume of a cuboid = Length  $\times$  Breadth  $\times$  Height

1 cubic meter = 1 kilolitre

Calculation:

Water in the pool forms a cuboid shape.

According to the concept,

The volume of the water in the pool =  $15 \times 10 \times 2.5$

$\Rightarrow 375 \text{ m}^3 = 375 \text{ kilolitres}$

$\therefore$  The quantity of water in the pool is 375 kilolitres.

---

58. Answer: a

**Explanation:**

Given:

A shopkeeper bought an oven for Rs. 15,000 and sold it for Rs. 19,200.

He paid Rs. 350 at the octroi and Rs. 650 transportation charges.

Concept used:

$$\text{Gain\%} = \frac{\text{Gain}}{\text{Cost Price}} \times 100\%$$

Gain = Selling price - Cost price

Calculation:

Total cost price of the oven to the shopkeeper =  $15000 + 350 + 650 = \text{Rs. } 16000$

Gain during the transaction =  $19200 - 16000 = \text{Rs. } 3200$

Now, his gain% =  $\frac{3200}{16000} \times 100\% = 20\%$

$\therefore$  His gain percentage is 20%.

---

**59. Answer: d**

**Explanation:**

Given:

A sum of Rs. 713 is divided into three parts, A, B and C in the ratio  $\frac{1}{2} : \frac{2}{3} : \frac{3}{4}$ .

Calculation:

LCM (2, 3, 4) = 12

The given ratio in interger form

$$\Rightarrow \frac{1}{2} : \frac{2}{3} : \frac{3}{4}$$

$$\Rightarrow \frac{1}{2} \times 12 : \frac{2}{3} \times 12 : \frac{3}{4} \times 12$$

$$\Rightarrow 6 : 8 : 9$$

Now, C's share =  $713 \times \frac{9}{(6 + 8 + 9)}$

$$\Rightarrow 713 \times \frac{9}{23} = \text{Rs. } 279$$

$\therefore$  C's share is Rs. 279.

---

**60. Answer: a**

**Explanation:**

Given:



A certain sum amounts to Rs. 13860 after 5 years and to Rs. 16776 after 8 years at the same rate per cent per annum at simple interest.

Concept used:

$$\text{Simple Interest, SI} = (P \times R \times T)/100$$

$$\text{Amount} = P + \text{SI}$$

where

P = Principal amount

R = Rate of interest per year

T = Time in years

$$3\frac{2}{5} \text{ years} = 3.4 \text{ years}$$

Calculation:

Let the rate of interest be R%.

$$\text{Interest incurred in 3 years} = 16776 - 13860 = \text{Rs. } 2916$$

$$\text{Interest incurred per year} = 2916/3 = \text{Rs. } 972$$

$$\text{So, the principal amount} = 13860 - 972 \times 5 = \text{Rs. } 9000$$

According to the concept,

$$(9000 \times R \times 1)/100 = 972$$

$$\Rightarrow R = 97200/9000$$

$$\Rightarrow R = 10.8$$

Now, the simple interest incurred on Rs. 20,000 for  $3\frac{2}{5}$  years at the same rate

$$\Rightarrow (20000 \times 10.8 \times 3.4)/100$$

$$\Rightarrow \text{Rs. } 7344$$

∴ The simple interest incurred on Rs. 20,000 for  $3\frac{2}{5}$  years at the same rate is Rs. 7344.

61. Answer: a

**Explanation:**

Given:

$$42\frac{1}{5} \div [36 + \frac{2}{3} \text{ of } 15 - (24 \div 8 + \frac{4}{5})]$$

Concept used:

<b>B</b>	Brackets in order (), {}, []	ब्रैकेट (), {}, [] क्रम में
<b>O</b>	of	का
<b>D</b>	Division (÷)	विभाजन (÷)
<b>M</b>	Multiplication (×)	गुणा (×)
<b>A</b>	Addition (+)	जोड़ (+)
<b>S</b>	Subtraction (-)	घटाव (-)

Calculation:

$$42\frac{1}{5} \div [36 + \frac{2}{3} \text{ of } 15 - (24 \div 8 + \frac{4}{5})]$$

$$\Rightarrow 42.2 \div [36 + \frac{2}{3} \times 15 - (24 \div 8 + 0.8)]$$

$$\Rightarrow 42.2 \div [36 + \frac{2}{3} \times 15 - (3 + 0.8) ]$$

$$\Rightarrow 42.2 \div [36 + 10 - 3 - 0.8 ]$$

$$\Rightarrow 42.2 \div 42.2$$

$$\Rightarrow 1$$

∴ The simplified value is 1.

---

**62. Answer: c**

**Explanation:**

Given:

An article is listed at Rs. 18000 and the discount offered is 12%.

Final selling price = Rs. 14414.40

Concept used:

Selling price = Marked Price - Marked Price × Discount%

additional discount percentage =  $\frac{\text{Initial Discounted Price} - \text{Final Selling Price}}{\text{Initial Discounted Price}} \times 100\%$

Calculation:

The price after the first discount =  $18000 - 18000 \times 12\% = \text{RS. } 15,840$

Let the subsequent discount be of R%.

According to the question,

$$15840 - 15840 \times R\% = 14414.40$$

$$\Rightarrow 15840 \times R\% = 15840 - 14414.40$$

$$\Rightarrow 15840 \times R\% = 15840 - 14414.40$$

$$\Rightarrow 15840 \times R\% = 1425.6$$

$$\Rightarrow R\% = 1425.6/15840$$

$$\Rightarrow R\% = 0.09$$

$$\Rightarrow R = 9$$

∴ An additional discount of 9% must be given to bring the net selling price to Rs. 14414.40.

The price after the first discount =  $18000 - 18000 \times 12\% = \text{RS. } 15,840$

★ **Shortcut Trick**

Now, the additional discount percentage =  $\frac{15840 - 14414.40}{15840} \times 100\% = 9\%$

∴ An additional discount of 9% must be given to bring the net selling price to Rs. 14414.40.

---

**63. Answer: a**

**Explanation:**

Given:

Rs. 15,600 at 12% per annum for 9 months, interest compounded quarterly.

Concept used:

1 quarter = 3 months

1 year = 12 months

In case of the compound interest,

$$\text{Amount} = P(1 + R/100)^N$$

$$\text{CI} = P(1 + R/100)^N - P$$

where

P = Principal amount

R = Rate of interest per year

N = Time in years

Calculation:

12% per annum

⇒ (12/4)% per quarter

⇒ 3% per quarter

9 months = 3 quarters

So, after 9 months the amount becomes

⇒  $15600(1 + 3/100)^3$

⇒  $15600 \times 1.03^3 \approx \text{Rs. } 17046.54$

Now, incurred compound interest =  $17046.54 - 15600 = \text{Rs. } 1446.54$

∴ The compound interest on Rs. 15,600 at 12% per annum for 9 months, compounded quarterly is Rs. 1446.54.

---

64. Answer: d

**Explanation:**

Given:

Three articles are bought at Rs. 500 each. One of them is sold at a profit of 12%.

The other two articles are also sold and a loss of 20% occurs on the whole transaction.

Concept used:

$$\text{Loss\%} = \frac{(\text{Cost Price} - \text{Selling Price})}{\text{Cost Price}} \times 100\%$$

$$\text{Selling Price} = \text{Cost Price} + \text{Cost Price} \times \text{Gain\%}$$

$$\text{Selling Price} = \text{Cost Price} - \text{Cost Price} \times \text{Loss\%}$$

Calculation:

Total cost price of the articles =  $500 \times 3 = \text{Rs. } 1500$

Selling price of the article that's sold at a profit of 12% =  $500 + 500 \times 12\% = \text{Rs. } 560$

Total selling price =  $1500 - 1500 \times 20\% = \text{Rs. } 1200$

Total selling price of the other two articles =  $1200 - 560 = \text{Rs. } 640$

Total cost price of the other two articles =  $500 \times 2 = \text{RS. } 1000$

Now, loss% =  $\frac{1000-640}{1000} \times 100\% = 36\%$

$\therefore$  The loss percentage on selling the remaining two articles is 36%.

65. Answer: d

Explanation:

Given:

x is the greatest number which when divides 6564, 7416, and 8907, the remainder in each case is the same.

Concept used:

HCF of two or more numbers is the greatest factor that divides the numbers.

Calculation:

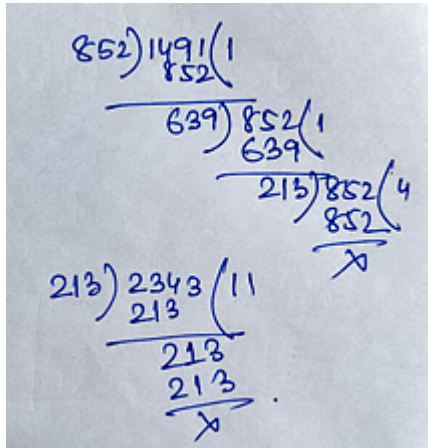
If x is the greatest number which when divides 6564, 7416, and 8907 the remainder in each case is the same, then

$$7416 - 6564 = 852$$

$$8907 - 7416 = 1491$$

$$8907 - 6564 = 2343$$

Using the division-method,  $HCF(852, 1491, 2343) = 213$



So,  $x = 213$

Now, the sum of digits =  $2 + 1 + 3 = 6$

$\therefore$  The sum of digits of  $x$  is 6.

66. Answer: c

Explanation:

Given:

The dealer marked the price of an item 40% above its cost price.

He allowed two successive discounts of 25% and 16% to a particular customer.

He incurred a loss of Rs. 590.

Concept used:

Final discount percentage after two successive discounts of  $A\%$  and  $B\% = (A + B - \frac{AB}{100})\%$

Selling Price = Cost Price - Loss

Selling price = Marked Price - Marked Price  $\times$  Discount%

$$\text{Marked Price} = \text{Cost Price} + \text{Cost Price} \times \text{Rise\%}$$

$$\text{Loss} = \text{Selling Price} - \text{Cost Price}$$

Calculation:

Let the cost price of the item be 100p.

$$\text{It's marked price} = 100p + 100p \times 40\% = 140p$$

$$\text{Final resultant discount} = 25 + 16 - (25 \times 16)/100 = 37\%$$

$$\text{It's selling price} = 140p - 140p \times 37\% = 88.2p$$

$$\text{Loss incurred} = 100p - 88.2p = 11.8p$$

According to the question,

$$11.8p = 590$$

$$\Rightarrow p = 590/11.8$$

$$\Rightarrow p = 50$$

$$\text{Now, it's selling price} = 88.2 \times 50 = \text{Rs. } 4410$$

$\therefore$  He sold the item to the said customer at Rs. 4410.

## 67. Answer: c

### Explanation:

Given:

The average of some numbers is 37.

Each of  $\frac{3}{5}$  of the numbers is increased by 7.

Each of the remaining is decreased by 9.



Concept used:

Total = Average  $\times$  Number of entities

Calculation:

Let there be  $5N$  numbers.

The sum of  $5N$  numbers =  $5N \times 37 = 185N$

After the increment, the sum of  $\frac{3}{5}$  of the numbers =  $\frac{3}{5} \times 5N \times (37 + 7) = 132N$

Remaining numbers =  $5N - \frac{3}{5} \times 5N = 2N$

After the decrement, the sum of  $2N$  numbers =  $2N \times (37 - 9) = 56N$

New total sum of  $5N$  numbers =  $132N + 56N = 188N$

Now, the new average of the numbers =  $188N/5N = 37.6$

$\therefore$  The new average of the numbers, so obtained, is 37.6.

---

68. Answer: c

Explanation:

Given:

A can do a piece of work in 15 days working 6 hours per day and B can do it in 10 days working 5 hours per day.

Concept used:

Total work = Efficiency of worker  $\times$  Number of Hours  $\times$  Number of days to finish

Calculation:

Let the efficiencies of A and B be M and N respectively.

Total work =  $15 \times 6 \times M = 90M$  (Considering A's perspective)

According to the concept,

$$15 \times 6 \times M = 10 \times 5 \times N$$

$$\Rightarrow 9M = 5N$$

$$\Rightarrow N = 1.8M$$

Now, the time taken to complete the work by A and B working together for 9 hours per day

$$\Rightarrow 90M \div 9(M + N)$$

$$\Rightarrow 10M \div (M + 1.8M)$$

$$\Rightarrow 10M \div 2.8M$$

$$\Rightarrow 3\frac{4}{7} \text{ days}$$

$\therefore$  Working together for 9 hours per day A and B will take  $3\frac{4}{7}$  days to complete the work.

69. Answer: c

Explanation:

Given:

Sita scored 756 marks out of 900 and her brother Avi scored 350 marks out of 500.

Concept used:

$$\text{Percentage score} = \frac{\text{Marks Obtained}}{\text{Full Marks}} \times 100\%$$

Calculation:

$$\text{Sita's percentage score} = \frac{756}{900} \times 100\% = 84\%$$

$$\text{Avi's percentage score} = \frac{350}{500} \times 100\% = 70\%$$

So, Avi has to get more =  $84 - 70 = 14\%$

Now, Avi should score more =  $500 \times 14\% = 70$  marks

$\therefore$  Avi should get 70 marks to make his score percent equivalent to Sita.

---

**70. Answer: c**

**Explanation:**

Given:

The speed of a train is 80 km/h.

The train travelled from 10.20 a.m. to 1.50 p.m.

Concept used:

1 hour = 60 minutes

Distance = Speed  $\times$  Time

Calculation:

Time duration between 10.20 a.m. to 1.50 p.m. = 3.5 hours

Now, the travelled distance =  $80 \times 3.5 = 280$  km

$\therefore$  The distance travelled by it from 10.20 a.m. to 1.50 p.m. is 280 km.

---

**71. Answer: a**

**Explanation:**

Given:

A sum of money at simple interest amounts to Rs. 750 in 5 years and to Rs. 800 in 6 years.

Concept used:

Simple interest incurred on a sum is equal in every year.

Calculation:

Simple interest per year =  $800 - 750 = \text{Rs. } 50$

Simple interest incurred in 5 years =  $5 \times 50 = \text{Rs. } 250$

So, the principal amount =  $750 - 250 = \text{Rs. } 500$

$\therefore$  The sum is Rs. 500.

---

72. **Answer: b**

**Explanation:**

Given:

Seema and Geeta start at the same time to ride from place A to place B, which is 90 km away from A.

Seema travels 3 km per hour slower than Geeta.

Geeta reaches place B and at once turns back, meeting Seema 15 km from place B.

Concept used:

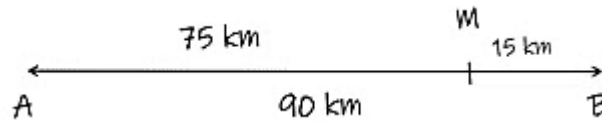
Time  $\times$  Speed = Distance

Calculation:

Let the speed of Seema be  $K$  km/h.

Speed of Geeta =  $(K + 3)$  km/h

Let AB be the distance between Place A and B and M be the meeting point of Seema and Geeta.



According to the question,

$$BM = 15 \text{ km}$$

$$AM = (90 - 15) = 75 \text{ km}$$

Seema travelled total = 75 km

In the same time, Geeta travelled total =  $90 + 15 = 105 \text{ km}$

According to the question,

$$105/(K + 3) = 75/K$$

$$\Rightarrow 7/(K + 3) = 5/K$$

$$\Rightarrow 7K = 5K + 15$$

$$\Rightarrow 7K - 5K = 15$$

$$\Rightarrow 2K = 15$$

$$\Rightarrow K = 15/2$$

$$\Rightarrow K = 7.5$$

Now, Geeta's speed =  $7.5 + 3 = 10.5 \text{ km/h}$

$\therefore$  Geeta's speed is 10.5 km/h.

73. Answer: b

Explanation:

Given:

The measure of the diagonal of the square is 2.6m.

Concept used:

$$\sqrt{2} = 1.414$$

Diagonal of a square = (Side) $\sqrt{2}$  unit

Area of a square = (Side)<sup>2</sup>square unit

Calculation:

Let the measure of each side of the square be A meter.

According to the concept,

$$A\sqrt{2} = 2.6$$

$$\Rightarrow A = 2.6/\sqrt{2}$$

$$\Rightarrow A \approx 1.84$$

Now, the area of the square =  $1.84^2 \approx 3.38 \text{ m}^2$

$\therefore$  The area of the square is  $3.38 \text{ m}^2$ .

#### 74. Answer: d

**Explanation:**

Given:

A and B together have Rs. 4,655.

$\frac{4}{15}$  of A's amount is equal to  $\frac{2}{5}$  of B's amount.

Calculation:

Let A has Rs. P and B has Rs.  $(4655 - P)$ .

According to the question,

$$\frac{4}{15} \text{ of } P = \frac{2}{5} \text{ of } (4655 - P)$$

$$\Rightarrow 2P/3 = (4655 - P)$$

$$\Rightarrow 2P = 13965 - 3P$$

$$\Rightarrow 2P + 3P = 13965$$

$$\Rightarrow 5P = 13965$$

$$\Rightarrow P = 13965/5$$

$$\Rightarrow P = 2793$$

Now, B's amount =  $(4655 - 2793) = \text{Rs. } 1862$

$\therefore$  B's amount is Rs. 1862.

---

**75. Answer: c**

**Explanation:**

Given:

$$P : Q = 2 : 3$$

Calculation:

Let P and Q be  $2a$  and  $3a$  respectively.

$$(2P + Q) : (5P - 3Q)$$

$$\Rightarrow (2 \times 2a + 3a) : (5 \times 2a - 3 \times 3a)$$

$$\Rightarrow (4a + 3a) : (10a - 9a)$$

$\Rightarrow 7a : a$

$\Rightarrow 7 : 1$

$\therefore$  The value of  $(2P + Q) : (5P - 3Q)$  is  $7 : 1$ .

---

**76. Answer: c**

**Explanation:**

The correct answer is " **Stable** ".

★ Key Points

- *Transaction* means a deal that takes place between people.
- *Stable* means capable of lasting or likely to do so or firmly established.
- *Stable* is the most appropriate option that can be substituted.

★ Additional Information

- *Rickety* means lacking rigidity or stability.
  - *Auspicious* means that appears to have a successful future.
  - *Stalwart* means always devoted to the same profession, group, etc.
- 

**77. Answer: b**

**Explanation:**

The correct answer is " **for the edge of the cliff** ".

★ Key Points

- " *for the edge of the cliff* " is the incorrect segment that contains grammatical error.
  - The correct sentence would be:
    - The children were warned to keep away of the cliff.
-



★ Additional Information

- When a set of words are written down, a **sentence** is one that starts with a **capital letter** and ends with a **full stop, question mark, or exclamation mark**.
  - The majority of sentences have a **subject** and a **verb**.
  - The biggest independent **grammatical unit** is a sentence.
- 

78. Answer: a

**Explanation:**

The correct answer is "accordance with".

★ Key Points

- The term "**accordance with**" denotes agreement with or conformance to a source of authority, rules, or guidelines.
- It introduces the **idea of obedience** in more formal settings.
- The sentence would be:
  - He acted in accordance with to my instructions.

★ Additional Information

- **Acorder**, which means "**bring to an agreement**," is the **Old French** root of the word **accordance**.
  - When two things are in harmony, they work well together.
  - The word "in accordance with" frequently refers to **accordance**, like when you tell your younger brother to "act in accordance with my wishes, or face the consequences!"
  - It's most frequently used to demonstrate compliance with **laws** or **norms**.
- 

79. Answer: a

**Explanation:**

The correct answer is " Dense ".

★ Key Points

- A word that has the *opposite meaning* from another word is called an antonym.
- An example of an antonym is *hot and cold*, as well as *good and bad*.
- Similarly, the antonym of *Sparse* is *Dense*.

★ Additional Information

- The antonym of Clear is *Unclear*.
- The antonym of Extra is *Scarce*.
- The antonym of Thin is *Fat*.

---

80. Answer: b

Explanation:

The correct answer is "as well ".

★ Key Points

- The segment, "*as well*" contains a grammatical error.
- The correct sentence would be:
  - Tagore was a poet *as well as* a patriot.

★ Additional Information

- A *sentence* is a group of words that stands alone and is composed of:
  - *main clause* and, on occasion,
  - one or more *auxiliary clauses*.
- Sentences normally have a *subject* and a *predicate* and *communicate a statement, question, exclamation, or command*.

---

81. Answer: c

## Explanation:

The correct answer is " **Pack** ".

### ★ Key Points

- The correct sentence would be:
  - In the jungle, he saw a **pack** of wolves.
- A **collective noun** is a noun that denotes a particular group or collective—of individuals, creatures, objects, etc.
- Even if they relate to a **group of things**, collective nouns are typically not considered as plural.

### ★ Additional Information

- A **bunch** of keys.
- **Grove** of trees.
- **Herd** of sheep.

---

82. Answer: b

## Explanation:

The correct answer is " **Despise** ".

### ★ Key Points

- A term that has the same meaning as another word is called a **synonym**.
- The meaning of a statement **won't actually change** all that much if you substitute a word for its synonym.
- Therefore, **despise** is the most appropriate synonym of **spum**.

### ★ Additional Information

- The synonym of Include is **Add**.
- The synonym of Admire is **Praise**.

- The synonym of Gossip is *Whispers*.

83. Answer: b

Explanation:

The correct answer is "clean the air".

★ Key Points

- The *correct sentence* would be:
  - Tress **clean the air** and remove polluted gases.
- The speaking sound known as a **vowels** produced when the airflow from the lungs is only slightly restricted.
- There are different positions and heights for the tongue in the mouth, including **high**, **mid**, and **low** (front, central, or back).
- There are different ways to **round the lips**.

★ Additional Information

- There are a total of **twenty-six** letters in our English alphabet.
- Only five of our letters—the letters **a**, **e**, **i**, **o**, and **u**—are vowels.
- **Vowels** are a crucial component of our language since without them, speaking would be difficult.
- Our letters primarily consist of **consonants**.
- All letters that are not vowels are referred to as consonants.
- The letters **b**, **c**, **d**, **f**, **g**, **h**, **j**, **k**, **l**, **m**, **n**, **p**, **q**, **r**, **s**, **t**, **v**, **w**, **x**, **y**, and **z** are among them.

84. Answer: b

Explanation:

The correct answer is "Horde".

★ Key Points

- A large group of people is called as *Horde*.
- *Example*:
  - The White House's lawn was *horde* with reporters who were waiting.

★ Additional Information

- A high number of animals that coexist and have a common diet is called as *herd*.
  - A group of birds or sheep is called as *flock*.
  - A company of lions or large birds like peacocks or ostriches is called as *pride*.
- 

85. Answer: a

Explanation:

The correct answer is " Withdraw ".

★ Key Points

- A word that has the *opposite meaning* from another word is called an *antonym*.
- An amount kept in a bank account is known as a *deposit*.
- A *withdrawal* is the act of taking money out of a bank account.
- Therefore, *withdraw* is the antonym of *deposit*.

★ Additional Information

- The antonym of *save* is *waste*.
  - The antonym of *exhaust* is *refresh*.
  - The antonym of *submit* is *deny*.
- 

86. Answer: d

Explanation:

The correct answer is "Disobedient".

★ Key Points

- The word "Disobedient" is correctly spelt as *Disobedient*.
- Disobedient means *refusing* to follow through with orders.
- *Example:*
  - He is a disobedient boy.

★ Additional Information

- *Disapprove* means to believe someone or something to be bad, dumb, etc.
- *Proportionate* means in equal proportion.
- *Overreact* means to react excessively, especially in response to something unpleasant.

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87. Answer: a

Explanation:

The correct answer is "aware".

★ Key Points

- The appropriate sentence would be:
  - They were *aware* of the consequences of their decision.
- Aware means having *knowledge of or realization* of something; awareness of someone or something.

★ Additional Information

- *Alert* means paying complete attention to anything while observing, listening, etc.
- *Alive* means not dead; living.
- *Awake* means to awaken; to cause someone or something to awaken.

88. Answer: c

### Explanation:

The correct answer is "Paediatrician".

#### ★ Key Points

- A physician who specialises in treating newborns, kids, and teenagers is known as a *paediatrician*.
- Pediatrics and related terms are derived from two Greek roots that mean "*healer of children*".
- A *paediatrician* is a medical professional in charge of overseeing *children's physical, psychological, and behavioral* care from infancy *until age 18*.

#### ★ Additional Information

- *Cardiologist* means a physician with expertise in treating cardiac conditions.
- *Nephrologist* means a medical professional with expertise in treating renal disorders and providing kidney care.
- *Physician* means a medical professional who focuses on medical diagnosis and treatment rather than surgical procedures.

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89. Answer: c

### Explanation:

The correct answer is "meek".

#### ★ Key Points

- The most appropriate synonym for Humble is **Meek**.
- **Humble** means exhibiting or being modest or low in one's estimation of one's importance.
  - **Example** : *She is very humble to her co-workers.*

- **Meek** means patient.
  - **Example** :*She is always **meek** in hard situations.*

★ Additional Information

- Let us know about other words.
- **Loud** means creating a lot of noise or having the ability to do so.
  - **Example** :*I like **loud** music.*
- **Mute** means no sound.
  - **Example** :*After the shock, she becomes **mute** .*
- **Rude** means ill-mannered.
  - **Example** :*He is always **rude** so, no one talks to him.*

---

90. Answer: c

**Explanation:**

The correct answer is " **shift responsibility to others.** "

★ Key Points

- The most appropriate meaning of the pass the baton is to **shift responsibility to others** .
- The idiom means a collection of words that have been proven by usage to have a meaning apart from the meanings of the individual terms.
- **Example** :*The father **passes the baton** to his son after retirement.*
  - This means that after retirement, the father **shifted all the responsibility** to his son.

★ Additional Information

- A phrase or expression that has a meaning that cannot be understood by defining the individual words is known as an idiom .
- Here are some examples of idioms.
  - **Under the weather** means to feel ill.
  - **The ball is in your court** means It's up to you.



- **Break a leg** means to wish someone luck.

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91. Answer: a

**Explanation:**

The correct answer is " **disclose** ."

★ Key Points

- The most appropriate option is ' **disclose** .'
- **Disclose** means *reveal* .
- **The correct sentence is:** *The news reporter refused to **disclose** his source of information.*

★ Additional Information

- Let us know more about the new reporter.
- Reporters provide updates and commentary on current events with the primary objective of keeping the public informed.
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92. Answer: d

**Explanation:**

The correct answer is " **jealous** "

★ Key Points

- **Jealousy** means a sense of envy or animosity toward another person or their accomplishments, assets, or perceived advantages.
  - **Example** :*His success made his friends **jealous** .*
- The correct spelling of the incorrect word 'jelous' is ' **jealous** .'

★ Additional Information

- Let us know the meaning of the words.
  - **Sincere** means *without falsification or deception*.
  - **Laughter** means *the process of laughing or the sound it makes*.
  - **Collide** means *getting into a fight or a disagreement*.
- 

93. Answer: a

**Explanation:**

The correct answer is " **Maintain contact.** "

★ Key Points

- The most appropriate meaning of Keep in touch means **Maintain contact**.
- The idiom means a collection of words that have been proven by usage to have a meaning apart from the meanings of the individual terms.
- My friends and I still **keep in touch**.
  - *This means that my friends and I are still in contact.*

★ Additional Information

- Let us know about other words
  - **Searching closely** means *searching carefully*.
  - **Being sincere** means *without guile or falsehood*
  - **Trust someone** means *having faith that a person is decent and honest and that they won't hurt you*.
- 

94. Answer: a

**Explanation:**

The correct answer is " **make it possible for you.** "

★ Key Points

- The segment that contains a grammatical error is ' **make it possible for you.** '
- The phrase ' **makes it possible** ' means to take the necessary action so that something can happen without difficulty.
- **The correct sentence is** *Banking today, in a seamless world, **makes it possible** for you to account from any city.*

★ Additional Information

- The **sentence** means a set of words that is complete in itself, often comprising a subject and predicate, conveying a statement, inquiry, exclamation, or command, and consisting of the main sentence and possibly one or more subordinate clauses.
- The four types of sentences are
  - **Declarative**
  - **Exclamatory**
  - **Imperative**
  - **Interrogatory** .

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95. **Answer: a**

**Explanation:**

The correct answer is " **Florist** ."

★ Key Points

- The option that can be used as a one-word substitution for *a person who sells and arranges cut flowers* is ' **Florist** . '
- A **horticulturist** means *a pro at managing and cultivating gardens.*
- A **decorator** means *a person who decorates something.*
- A **gardener** means *a person who works in gardening as a profession or as a hobby.*

★ Additional Information

- **One-word substitute** is the substitution of one word for a wordy phrase in order to simplify the sentence structure.
  - Examples of one-word substitute:
    - **Posse** means *A temporary police force.*
    - **Horde** means *A large group of people.*
    - **Botany** means *A study of plants.*
- 

96. Answer: c

**Explanation:**

The correct answer is " **team** ".

★ Key Points

- The correct sentence would be:
  - Subhas Bose went there with a small **team** to help the poor and sick people.
- A team is described as a **collection of individuals**.
- A **team** collaborates to complete interdependent activities in support of a common goal or mission.

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97. Answer: d

**Explanation:**

The correct answer is " **praised** ".

★ Key Points

- The correct sentence would be:
  - Some people **praised** the work done by Subhas and his friends.
- **Praise** means to show **appreciation** or approval for a person's accomplishments or other qualities.

98. Answer: a

**Explanation:**

The correct answer is " **While** ."

★ Key Points

- The most appropriate option is ' **While** .'
- **While** is used when there are two simultaneous continuous actions happening.
- **As long as** is used to talk about how long a strategy or idea is supposed to last, usually in the future.
- **Since** is used for a period of time.
- **Unless** is used to signify "except if."

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99. Answer: a

**Explanation:**

The correct answer is " **such** ."

★ Key Points

- The most appropriate option is ' **such** .'
- **Such** is used to emphasize a noun phrase and use a determiner before it.
- **So** is used to introduce outcome or decision clauses
- **Which** is used to elicit information and employ relative phrases.
- **That** is used as a determiner, a pronoun used to show emotion, and a relative pronoun.

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100. Answer: b

## Explanation:

The correct answer is " **gently** ."

### ★ Key Points

- The most appropriate option is ' **gently** .'
- **Gently** means in a kind or tender way.
- **Smoothly** means in a smooth manner.
- **Freely** means not being in someone else's hands; according to one's wishes.
- **Politely** means in a considerate and respectful manner.

# Prepp

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