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	BPSC	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 (09-Dec-2021) (Shift 2)

Total Time: 1 Hour : 30 Minute   **Total Marks:** 100

Instructions

SI 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 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)

   ROCK : OGSV :: LAST : ?

   a. PETV

   b. ODVX

   c. XVID

   d. XWEP

2. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.   (+1, −0.25)

   A Y _ Q A _ M Q _ Y M _ A _ M Q _ Y _ Q

   a. M A Y Y Q M A

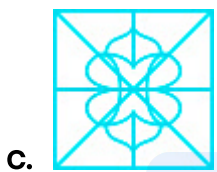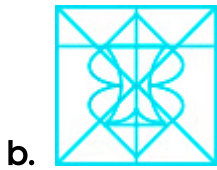   b. M Y A A Y A Y

   c. Y M A Q Y A M

   d. M Y A Q Y A M

3. 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)

(i)　　　(ii)　　　(iii)

a.

b.

c.

d.

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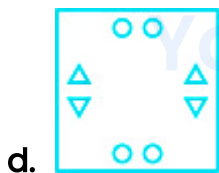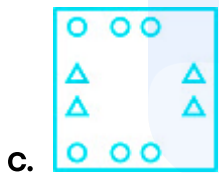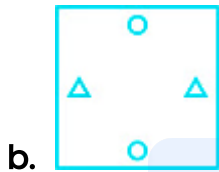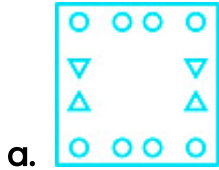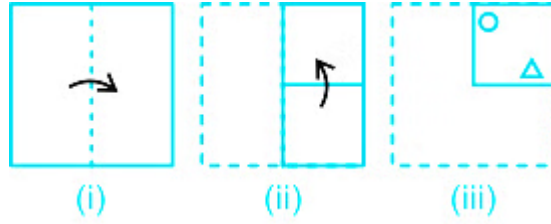
4. Select the option in which the given figure is embedded (rotation is NOT allowed). **(+1, -0.25)**

a.

b.

c.

d.

---
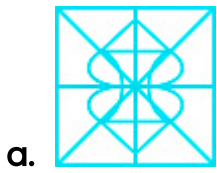
5. In a certain code language, 'RHINO' is written as 'POJIS' and 'TIGER' is written   **(+1, -0.25)**
as 'SFHJU'. How will 'HORSE' be written in that language?

a. ETRPJ

b. ETSPI

c. FTSPI

d. FRSQJ

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6. Select the figure that will come next in the following figure series.   **(+1, -0.25)**

a.

b.

c.

d.
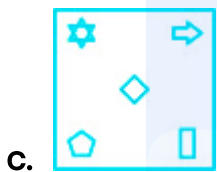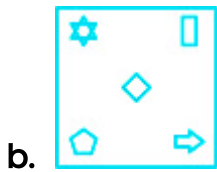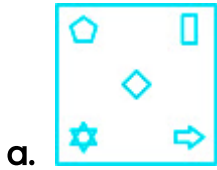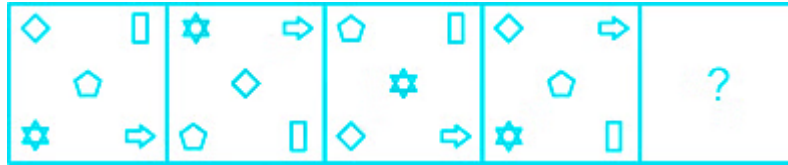
7. 'Bronchitis' is related to 'Lungs' in the same way as 'Glaucoma' is related to '_____'.   (+1, -0.25)

   a. Pancreas

   b. Tongue

   c. Eyes

   d. Skin

8. Which two mathematical signs need to be interchanged to make the following equation correct? (+1, -0.25)

   106 ÷ 3 × 2 + 70 − 7 = 110

   a. × and −

   b. − and ÷

   c. × and +

   d. + and −

9. A, B, C, D, E and F are six retired international cricketers who are sitting next to each other in a row in a TV show. E and F are at the extreme ends of the row. C is second to the left of E. B is second to the right of F. A is to the immediate left of B. D is to the immediate right of C. Who is at the fourth position from the left? (+1, -0.25)

   a. A

   b. B

   c. C

   d. D

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

    29, 38, 63, 112, 193, ?

    a. 327

b. 314

c. 303

d. 385

---

11. Select the number from among the given options that can replace the question mark (?) in the following series.

(+1, −0.25)

46, 54, 70, 102, 166, ?

a. 314

b. 294

c. 305

d. 290

---

12. Four number triads have been given, out of which three are alike in some manner and one is different. Select the number triad that is different.

(+1, −0.25)

a. (27, 64, 101)

b. (42, 79, 126)

c. (35, 72, 109)

d. (54, 91, 128)

---

13. In a certain code language, PACKING is coded as 7149113116. How will FRUITS be coded in that language?

(+1, −0.25)

a. 1920921186

---

b. 6201821186

c. 1820921187

d. 19219201863

---

14. A is the brother of B. C is the husband of B. C is the son of E. S is the wife of E. How is S related to B? **(+1, −0.25)**

a. Mother-in-law

b. Maternal aunt

c. Niece

d. Daughter-in-law

---

15. 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. Tackle

2. Topper

3. Topic

4. Terminal

5. Termite

a. 1, 5, 4, 3, 2

b. 4, 1, 5, 3, 2

c. 1, 4, 5, 3, 2

d. 1, 4, 5, 2, 3

---

16. What is the difference between the biggest and the smallest fraction among the following fractions? $(+1, -0.25)$

$$\frac{4}{5}, \frac{5}{6}, \frac{3}{8}, \frac{5}{7}, \frac{6}{7}$$

a. $\frac{13}{49}$

b. $\frac{15}{28}$

c. $\frac{27}{56}$

d. $\frac{15}{42}$

---

17. In a certain code language, 'BEHIND' is written as 'BLGJGD'. How will 'ORANGE' be written in that language? $(+1, -0.25)$

a. CLECCQT

b. PLCETQ

c. CELCTQ

d. NQCLTF

---

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

REST, UCXR, XACP, AYHN, ?

a. XWNL

b. DAMP

c. DWML

d. XAML

---

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

   a. ZDHLP

   b. LPTXB

   c. BFJNR

   d. QUYBG

---

20. 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)

   9766 : 6433 :: 6875 : ?

   a. 3542

   b. 2789

   c. 4258

   d. 3658

---

21. 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:

All grapes are fruits.

Some vegetables are grapes.

Conclusions:

I. Some vegetables are fruits.

II. All grapes are vegetables.

a. Only conclusion II follows

b. Only conclusion I follows

c. Neither conclusion I nor II follows

d. Both conclusions I and II follow

---

22. Select the Venn diagram that best represents the relationship between the following classes. (+1, -0.25)

Yamuna, River, Narmada

a.

b.

c.

d. ⬜ (figure)

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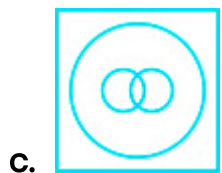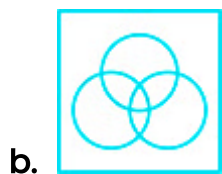
23. Select the correct mirror image of the given combination when the mirror is placed to its right side. **(+1, -0.25)**

D 7 9 3 s q g

a. (mirror image)

b. (mirror image)

c. (mirror image)

d. (mirror image)

---

24. Seven persons, A, B, C, D, E, F and G, are staying on different floors of a building with seven floors. There are four floors between the floors of B and D, and B stays on a higher floor than D. There are two floors between the floors of E and A, and A stays on a lower floor than E. C is staying on the ground floor. G and F stay on neighbouring floors. There are two floors between the floors of C and F, and F stays on a higher floor than C. **(+1, -0.25)**

Who is staying on the top most floor?

a. D

b. G

c. A

d. B

---

25. A cube is made by folding the given sheet. In the cube so formed, which letter/symbol will be on the face opposite to the face having the symbol &? (+1, −0.25)

a. %

b. A

c. @

d. P
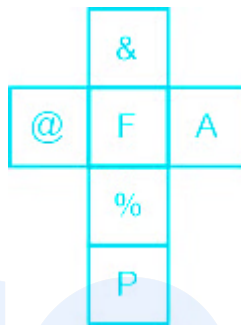
General Knowledge and General Awareness

26. Umananda is a/an _ _ _ _ _ _ in Assam. **(+1, -0.25)**

    a. river

    b. valley

    c. lake

    d. island

---

27. Which Indian Company was adjudged as the number 1 global solar   **(+1, -0.25)**
power generation asset owner in terms of operating and off-taker
contracted solar projects as per the latest ranking of global solar
companies by Mercom Capital USA in September 2020?

    a. Azure Power

    b. ACME Solar

    c. Greenko

    d. Adani Green Energy

---

28. 'How to safeguard the health and rights of women and girls now' was the   **(+1, -0.25)**
theme of World Population Day _ _ _ _ _ _.

    a. 2020

    b. 2018

    c. 2017

    d. 2021

29. Which is the fifth state of India to withdraw general consent for CBI operations within its territory on 21 October 2020?   **(+1, -0.25)**

    a. Odisha

    b. Punjab

    c. Maharashtra

    d. Haryana

30. Vedic Sage Kapila belonged to _____ school of Indian philosophy.   **(+1, -0.25)**

    a. Vaisheshika

    b. Mīmāṃsā

    c. Samkhya

    d. Nyaya

31. Who among the following invented the induction motor?   **(+1, -0.25)**

    a. Frank Shuman

    b. Nikola Tesla

    c. John L Baird

    d. Thomas Savery

32. _____ was re-elected as Deputy Chairman of Rajya Sabha in September 2020.   **(+1, -0.25)**

a. Pratibha Patil

b. PJ Kurien

c. Najma Heptulla

d. Harivansh Narayan Singh

---

33. Which of the following tribes was defeated by the famous General of Akbar, Raja Man Singh in 1591? **(+1, -0.25)**

a. Chero

b. Lohra

c. Mundi

d. Santal

---

34. What was the theme of World Toilet Day 2020? **(+1, -0.25)**

a. Sanitation

b. Leaving no one behind

c. Toilets for all

d. Sustainable Sanitation and Climate Change

---

35. The Karni Mata temple in Deshnok (Deshnoke), Rajasthan is famous for the _____ that live, and are revered, in the temple. **(+1, -0.25)**

a. monkeys

---

b. snakes

c. cows

d. rats

---

36. Which Indian state won the most number of medals at the Khelo India Youth Games 2020? **(+1, -0.25)**

    a. Maharashtra

    b. Manipur

    c. Haryana

    d. Rajasthan

---

37. Leylah Fernandez is a professional tennis player from _____. **(+1, -0.25)**

    a. Germany

    b. the US

    c. Japan

    d. Canada

---

38. Novak Djokovic is a professional tennis player from _____. **(+1, -0.25)**

    a. Spain

    b. Sweden

    c. Serbia

d. Slovakia

---

39. In which year was the Tata Iron and Steel Company (TISCO) incorporated?   (+1, -0.25)

   a. 1932

   b. 1907

   c. 1927

   d. 1913

---

40. Who among the following won the International Peace Prize 2020 for their work to stop cyberbullying of teens?   (+1, -0.25)

   a. Stacey Abrams

   b. Sadat Rahman

   c. Greta Thunberg

   d. Alexei Navalny

---

41. In which state is the Thoseghar waterfall located?   (+1, -0.25)

   a. Madhya Pradesh

   b. Odisha

   c. Karnataka

   d. Maharashtra

---

42. 'The Famous Five' is a set of adventure novels written by _ _ _ _ _ _ .   (+1, -0.25)

    a. Hans Christian Andersen

    b. Enid Blyton

    c. Lewis Carroll

    d. Rudyard Kipling

43. Which movement was initiated by Basavanna and his companions like   (+1, -0.25)
Allama Prabhu and Akkamahadevi in Karnataka in the mid-twelfth
century for equality of all human beings?

    a. Chishti

    b. Bhakti

    c. Virashaiva

    d. Nipakh

44. Who among the following discovered the Theory of Evolution?   (+1, -0.25)

    a. Charles Robert Darwin

    b. Marie Curie

    c. Albert Einstein

    d. Gregor Johann Mendel

45. In which of the following states is the famous Tawang monastery located?   (+1, −0.25)

    a. Assam

    b. Sikkim

    c. Andhra Pradesh

    d. Arunachal Pradesh

---

46. About 300 members of the Constituent Assembly met periodically for _____ to write the Constitution of India.   (+1, −0.25)

    a. 4 years

    b. 3 years

    c. 5 years

    d. 2 years

---

47. Under which section of the Indian Penal Code is voyeurism an offence?   (+1, −0.25)

    a. Section 354 A

    b. Section 354 B

    c. Section 354 D

    d. Section 354 C

---

48. Who among the following lived in India during the rule of Mughal emperor Akbar?   (+1, -0.25)

    a. Ziauddin Barani

    b. Amir Khusrau

    c. Abdul Rahim Khan-i-Khana

    d. Ghiyas-ud-din Balban

49. In Union Budget 2020, which scheme was said to be launched with the aim of increasing India's export credit?   (+1, -0.25)

    a. NIRVIK

    b. SAHAJ

    c. SATHI

    d. NIRMAN

50. Finance Minister Nirmala Sitharaman presented her _ _ _ _ _ _ Budget in 2021.   (+1, -0.25)

    a. second

    b. third

    c. fourth

    d. fifth

Elementary Mathematics

51. The compound interest on a certain sum of money for 3 years at 10% p.a. is Rs. 1,324. Find the simple interest (in Rs.) on the same sum, at the same rate and for the same time.   **(+1, −0.25)**

    a. 1,380

    b. 1,080

    c. 1,200

    d. 1,150

---

52. By selling an article for Rs. 5,600, a person makes a certain loss. By selling the same article for Rs. 6,160, he makes a profit which is equal to two-fifth of his loss. What is the cost price of the article?   **(+1, −0.25)**

    a. Rs. 6,067

    b. Rs. 6,000

    c. Rs. 5,600

    d. Rs. 5,880

---

53. Six men can complete a work in 14 days. They started the work and after 5 days, three men left. In how many days will the work be completed by the remaining men?   **(+1, −0.25)**

    a. 15 days

    b. 18 days

c. 20 days

d. 12 days

---

54. How many litres of pure acid are there in 15 litres of 30% solution?   (+1, −0.25)

    a. 4.5 litres

    b. 4.8 litres

    c. 3.2 litres

    d. 5.3 litres

---

55. Simplify the following expression.   (+1, −0.25)

$$\frac{(5+9)-2+24 \ of \ 6 \div 4 \times 12}{-24 \div (-8) \times (-2)+3}$$

    a. −148

    b. $49\frac{1}{3}$

    c. −5

    d. $151\frac{1}{3}$

---

56. A can finish a work in 16 days and B can finish the same work in 15 days. After A had worked for 4 days, B also joined A to finish the remaining work. In how many days will the remaining work be finished?   (+1, −0.25)

    a. $5\frac{25}{31}$

    b. $7\frac{25}{31}$

c. $8\frac{25}{31}$

d. $6\frac{25}{31}$

---

57. If a right circular cone of height 24 cm has the volume $\frac{17600}{7}$ cm ^{3}, then its radius is:　　　　(+1, −0.25)

a. 10 cm

b. 12 cm

c. 14 cm

d. 7 cm

---

58. The income of a company increases 30% per year. If its income is Rs. 70,98,000 in the year 2018, then the income in 2016 was:　　　　(+1, −0.25)

a. Rs. 48,00,000

b. Rs. 42,00,000

c. Rs. 45,00,000

d. Rs. 40,00,000

---

59. The value of $104 \div 39 \; of \; \frac{2}{3} + 1\frac{2}{5} \times 12\frac{1}{7} - \frac{3}{4}$ is:　　　　(+1, −0.25)

a. $20\frac{1}{4}$

b. $30\frac{1}{4}$

c. $10\frac{1}{4}$

d. $25\frac{1}{4}$

---

60. Concrete consists of 9 parts of gravel, 2 parts of sand and 6 parts of lime. Out of 136 kg of concrete, how much is the difference (in kg) between sand and gravel?   (+1, -0.25)

a. 56

b. 24

c. 32

d. 65

---

61. The average of three numbers a, b and c is 63. If the first number 'a' is three-fourths of the sum of b and c, then the first number 'a' is equal to: (+1, -0.25)

a. 18

b. 71

c. 81

d. 63

---

62. The greatest four-digit number that when divided by 18, 36 and 48, leaves the same reminder 8 in each case, is: (+1, -0.25)

a. 9946

b. 9944

c. 9964

d. 9984

---

63. A, B and C are three boxes containing balls in the ratio 5 : 7 : 11 and the total number of balls in all three boxes together is 92. If 4 balls are transferred from B to A and 8 balls are transferred from C to A, then the new ratio of the balls int he three boxes A, B and C is: **(+1, -0.25)**

a. 7 : 9 : 11

b. 8 : 6 : 9

c. 8 : 7 : 9

d. 7 : 6 : 10

---

64. The ratio of the present age of Sushanth and Nishanth is 9 : 13. After 8 years, the ratio will change to 11 : 15. The present age of Nishanth is: **(+1, -0.25)**

a. 52 years

b. 48 years

c. 54 years

d. 50 years

---

65. Find the compound interest on Rs. 8,000 at 10% per annum for $1\frac{1}{2}$ years if the interest is compound half yearly. **(+1, -0.25)**

a. Rs. 1,261

b. Rs. 1,360

c. Rs. 1,461

d. Rs. 1,260

---

66. The cost price of a perfume is Rs. 720. If the discount offered by a shopkeeper is 15%, then what is the selling price of the perfume?   **(+1, -0.25)**

    a. Rs. 550

    b. Rs. 612

    c. Rs. 595

    d. Rs. 646

---

67. Three years ago, the average age of Ram and Syam was 20 years. When syed joined them, the average age became 25 years. What is Syed's present age?   **(+1, -0.25)**

    a. 23 years

    b. 26 years

    c. 21 years

    d. 29 years

---

68. The compound interest compounded semi-annually at a certain rate on a sum of Rs. 1,25,000 at the end of one and a half years is Rs. 15,608. What would be the simple interest on the same sum of money at the same rate of interest for 3 years?   **(+1, -0.25)**

    a. Rs. 31,000

    b. Rs. 15,000

c. Rs. 31,216

d. Rs. 30,000

---

69. A trader sells an article for Rs. 498 after offering a discount of 17% on its marked price. Had he not offered any discount, he would have earned a profit of 25%. What is the cost price (in Rs.) of the article?   **(+1, −0.25)**

a. 400

b. 480

c. 450

d. 420

---

70. A truck covers a distance of 140 km at a speed of 35 km/h. It covers the next 20 km in 30 minutes and the last 30 km at a speed of 60 km/h. What is the average speed (in km/h) of the truck?   **(+1, −0.25)**

a. 42

b. 48.5

c. 40

d. 38

---

71. If the ratio of the cost price to the selling price is 5 : 7, then what is the profit percentage?   **(+1, −0.25)**

a. 25%

b. 40%

c. 35%

d. 30%

---

72. John walks around a circular field at the rate of one round per hour while Sonu runs around its at the rate of seven rounds per hour. They start in the same direction from the same point at 9.35 am. At what time will they first cross each other?   (+1, −0.25)

a. 9.50 am

b. 9.55 am

c. 9.40 am

d. 9.45 am

---

73. The volume of a solid cylindered rod is 2750 cm^3. If the length of the rod is 35 cm, then find the base radius (in cm) of the cylindrical rod. (use π = 22/7)   (+1, −0.25)

a. 5.5

b. 5

c. 5.4

d. 4

---

74. Two numbers are in the ratio 7 : 11. Their LCM is 385. Then the smallest number is: (+1, −0.25)

a. 21

b. 42

c. 35

d. 28

75. A man bought 30 litres of milk at the rate of Rs. 50 per litre. After spending   (+1, -0.25)
    Rs. 15 for churning the milk, he obtained 4 kg of cream and 30 litres of
    toned milk. If he sold the cream at Rs. 300 per kg and toned milk at Rs. 40
    per litre, what is his profit percentage?

    a. 58.4158%

    b. 55.3456%

    c. 58.24565%

    d. 53.4457%

English

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

    Retrieve

    a. Retain

    b. Rescue

    c. Remove

    d. Recover

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

    You should pay a little more attention to your _____.

    a. apportion

    b. apprehension

    c. appearance

    d. apparition

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

    The thief was taken to the police station but the _____ revealed nothing.

    a. provocation

    b. objection

    c. discussion

d. interrogation

---

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

Achieve

a. Accomplish

b. Accuse

c. Adjoin

d. Abduct

---

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

a. Thretened

b. Thermometer

c. Throughout

d. Thanksgiving

---

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

Millions of people / have been protected / from polio by a fluid / called as
a vaccine.

a. have been protected

b. called as a vaccine

c. from polio by a fluid

d. Millions of people

---

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

Game is up

a. Game is over and winner declared

b. Plan has been executed

c. New scheme has been launched

d. Deception is at an end

---

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

A person who physically attacks another

a. Culprit

b. Scoundrel

c. Assailant

d. Convict

---

84. The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer. **(+1, -0.25)**

Do you mind / whether I use / your telephone?

a. your telephone

b. Do you mind

c. No error

d. whether I use

---

85. 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)

The actor along with his new wife is expected shortly.

a. are being

b. has expected

c. No substitution required

d. are expected

---

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

Candidates who successfully complete the entrance test will be _ _ _ _ _ _ for an interview next week.

a. required

b. invited

c. encouraged

d. asked

---

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

'Angulimala' lived by <u>training</u> travellers and feared no one.

   a. distilling

   b. disillusioning

   c. plundering

   d. mischallenging

---

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

Retreat

   a. Advance

   b. Push

   c. Strengthen

   d. Promote

---

89. 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)

Reading not only helps to pass the leisure hours <u>as well as</u> keeps you well informed.

   a. and even

   b. along with

c. No improvement required

d. but also

---

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

Never

a. Rarely

b. Sometimes

c. Seldom

d. Always

---

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

Life history of a person written by someone else

a. Biography

b. Resume

c. Autobiography

d. Biodata

---

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

The cat / drank the milk / before we / return home.

a. drank the milk

b. before we

c. return home

d. The cat

---

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

One who has fixed opinions and beliefs

a. Amiable

b. Broad-minded

c. Flexible

d. Rigid

---

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

Drag one's feet

a. Have a disability in the feet

b. Be hurt badly on the foot

c. Do something deliberately at a slow pace

d. Find it difficult to walk fast

---

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

a. Boxing

b. Buying

c. Bouncing

d. Begining

---

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)**

Life is not about making lists and trying to be one step (1) _ _ _ _ _ _of others. Stop being a workaholic. Take a (2)_ _ _ _ _ _. Do whatever makes you feel happy and (3) _ _ _ _ _ _. Most of all, spend time in the (4) _ _ _ _ _ _ of nature to pick up some (5)_ _ _ _ _ _ lessons.

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

a. front

b. forward

c. ahead

d. away

---

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)**

Life is not about making lists and trying to be one step (1) _ _ _ _ _ _of others. Stop being a workaholic. Take a (2)_ _ _ _ _ _. Do whatever makes you feel happy and (3) _ _ _ _ _ _. Most of all, spend time in the (4) _ _ _ _ _ _ of nature to pick up some (5)_ _ _ _ _ _ lessons.

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

a. gap

b. blow

c. break

d. recess

---

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

Life is not about making lists and trying to be one step (1) _____of others. Stop being a workaholic. Take a (2)_____. Do whatever makes you feel happy and (3) _____. Most of all, spend time in the (4) _____ of nature to pick up some (5)_____ lessons.

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

a. relaxed

b. patient

c. casual

d. lenient

---

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

Life is not about making lists and trying to be one step (1) _____of others. Stop being a workaholic. Take a (2)_____. Do whatever makes you feel happy and (3) _____. Most of all, spend time in the (4) _____ of nature to pick up some (5)_____ lessons.

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

a. company

b. group

c. crowd

d. gathering

---

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)**

Life is not about making lists and trying to be one step (1) _____of others. Stop being a workaholic. Take a (2)_____. Do whatever makes you feel happy and (3) _____. Most of all, spend time in the (4) _____ of nature to pick up some (5)_____ lessons.

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

a. innumerable

b. invaluable
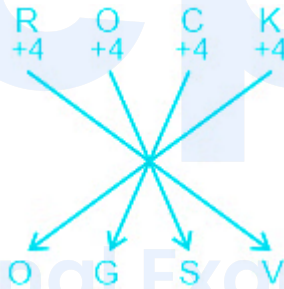
c. inevitable

d. invisible

Answers

1. **Answer: d**

   Explanation:

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 logic followed here is :-

ROCK : OGSV


```
R    O    C    K
+4   +4   +4   +4



O    G    S    V
```

Similarly,

LAST : ?


```
L    A    S    T
+4   +4   +4   +4



X    W    E    P
```
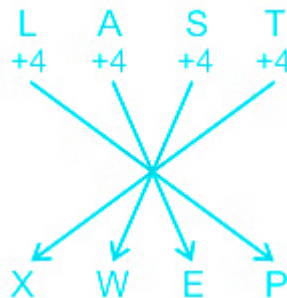
Hence, the correct answer is **"XWEP"**.

2. Answer: d

Explanation:

Given :– A Y _ Q A _ M Q _ Y M _ A _ M Q _ Y _ Q

By checking options and substituting accordingly.

1) M A Y Y Q M A → A Y **M** Q – A **A** M Q – **Y** Y M **Y** – A **Q** M Q – **M** Y **Q** Q

2) M Y A A Y A Y → A Y **M** Q – A **Y** M Q – **A** Y M **A** – A **Y** M Q – **A** Y **Y** Q

3) Y M A Q Y A M → A Y **Y** Q – A **M** M Q – **A** Y M **Q** – A **Y** M Q – **A** Y **M** Q

4) M Y A Q Y A M → A Y **M** Q – A **Y** M Q – **A** Y M **Q –** A **Y** M Q – **A** Y **M** Q

- Here, **"AYMQ"** is repeated.
- Option (4) gives the pattern of :– A Y M Q – A Y M Q – A Y M Q – A Y M Q – A Y M Q .

Hence, the correct answer is **"M Y A Q Y A M"**.

3. Answer: d

Explanation:

After unfolding the given paper the figure formed is as shown below :
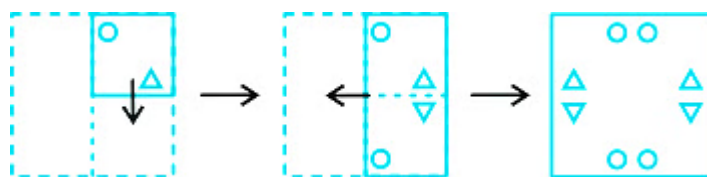
Hence, the correct answer is **"Option 4"**.

4. **Answer: d**

Explanation:

The figure embedded in the given options is as shown below :

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

Hence, the correct answer is **"Option 4".**

5. **Answer: c**

Explanation:

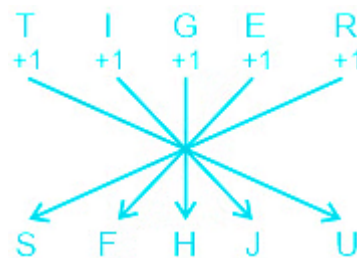| Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The logic followed here is :-
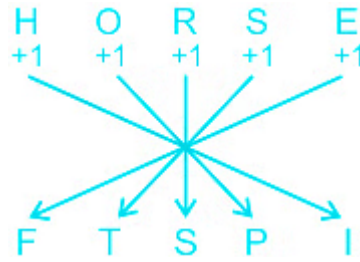
'RHINO' is written as 'POJIS'.
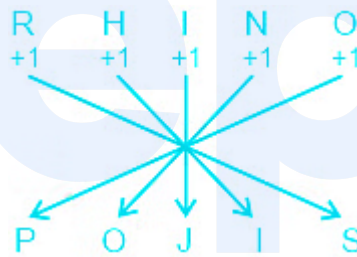
And

'TIGER' is written as 'SFHJU'.

Similarly,

'HORSE' will be written as :

Hence, the correct answer is **"FTSPI"**.

---

6. Answer: b

Explanation:

The figure that will come next in the following figure series is as shown below :

- The top left corner figure is coming to middle of the box from figure to figure.
- The arrow on below right corner and rectangle on top right corner is shifting there positions from figure to figure.
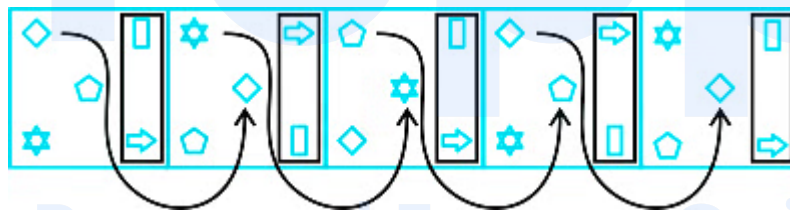
Hence, the correct answer is **"Option 2"**.

---

7. Answer: c

Explanation:

The logic followed here is :-

Bronchitis is a disease which is caused in lungs.

Similarly,

Glaucoma is a disease which is caused in 'Eyes'.

Hence, the correct answer is **"Eyes"**.

---

8. Answer: b

Explanation:

The logic followed here is :-

By using BODMAS RULE.

B	Brackets in order (), {}, []	ब्रेकेट (), {}, [] क्रम में
O	of	का
D	Division (÷)	विभाजन (÷)
M	Multiplication (×)	गुणा (×)
A	Addition (+)	जोड़ (+)
S	Subtraction (−)	घटाव (−)

Option 1) : × and −

Given equation : 106 ÷ 3 × 2 + 70 − 7 = 110

After interchanging the symbols in given equation is as follows : 106 ÷ 3 − 2 + 70 × 7 = 110

⇒ <u>106 ÷ 3</u>− 2 + 70 × 7 = 110

⇒ 35.33 − 2 +<u>70 × 7</u>= 110

⇒ <u>35.33</u>− 2 +<u>490</u>= 110

⇒ <u>525.33 − 2</u>= 110

⇒ 523.33 ≠ 110

LHS ≠ RHS

Option 2) : − and ÷

Given equation : 106 ÷ 3 × 2 + 70 − 7 = 110

After interchanging the symbols in given equation is as follows : 106 − 3 × 2 + 70 ÷ 7 = 110

⇒ 106 − 3 × 2 +<u>70 ÷ 7</u>= 110

⇒ 106 −<u>3 × 2</u>+ 10 = 110

⇒ <u>106</u>− 6<u>+ 10</u>= 110

⇒ <u>116 − 6</u> = 110

⇒ **110 = 110**

LHS = RHS

Option 3) : × and +

Given equation : 106 ÷ 3 × 2 + 70 − 7 = 110

After interchanging the symbols in given equation is as follows : 106 ÷ 3 + 2 × 70 − 7 = 110

⇒ <u>106 ÷ 3</u>+ 2 × 70 − 7 = 110

⇒ 35.33 +<u>2 × 70</u>− 7 = 110

⇒ <u>35.33 + 140</u>− 7 = 110

⇒ <u>175.33 - 7</u>= 110

⇒ 168.33 ≠ 110

LHS ≠ RHS

Option 4) : + and −

Given equation : 106 ÷ 3 × 2 + 70 − 7 = 110

After interchanging the symbols in given equation is as follows : 106 ÷ 3 × 2 − 70 + 7 = 110

⇒ <u>106 ÷ 3</u> × 2 − 70 + 7 = 110

⇒ <u>35.33 × 2</u>− 70 + 7 = 110

⇒ <u>70.66</u>− 70<u>+ 7</u>= 110

⇒ <u>77.66 − 70</u>= 110

⇒ 7.66 ≠ 110

LHS ≠ RHS

Hence, the correct answer is **"− and ÷"**.

9. **Answer: c**

Explanation:

A, B, C, D, E and F are six retired international cricketers who are sitting next to each other in a row in a TV show.

1) E and F are at the extreme ends of the row.

Case (i) :

$$\underrightarrow{\overline{\underset{\text{Left}}{E}} \_ \_ \_ \_ \overline{\underset{\text{Right}}{F}}}$$

Case (ii) :

$$\underrightarrow{\overline{\underset{\text{Left}}{F}} \_ \_ \_ \_ \overline{\underset{\text{Right}}{E}}}$$

2) C is second to the left of E.

$$\underrightarrow{\overline{\underset{\text{Left}}{F}} \_ \_ \overline{C} \_ \overline{\underset{\text{Right}}{E}}}$$

3) D is to the immediate right of C.

$$\underrightarrow{\overline{\underset{\text{Left}}{F}} \_ \_ \overline{C} \ \overline{D} \ \overline{\underset{\text{Right}}{E}}}$$

4) B is second to the right of F and A is to the immediate left of B.

$$\underrightarrow{\overline{\underset{\text{Left}}{F}} \ \overline{A} \ \overline{B} \ \overline{C} \ \overline{D} \ \overline{\underset{\text{Right}}{E}}}$$
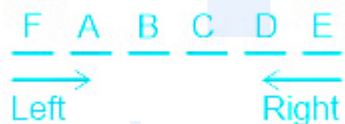
∴ Here. 'C' to the fourth position from left.

Hence, the correct answer is **"C"**.

---

10. **Answer: b**

Explanation:

The logic followed here is :-

$$29 \quad 38 \quad 63 \quad 112 \quad 193 \quad \boxed{314}$$

$$+9 \quad +25 \quad +49 \quad +81 \quad +121$$
$$=(3)^2 \quad =(5)^2 \quad =(7)^2 \quad =(9)^2 \quad =(11)^2$$

Hence, the correct answer is **"314"**.

---

11. Answer: b

Explanation:

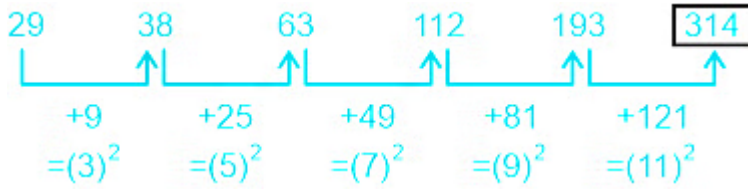The logic followed here is :-

$$46 \quad 54 \quad 70 \quad 102 \quad 166 \quad \boxed{294}$$

$$+8 \quad +16 \quad +32 \quad +64 \quad +128$$

$$\times 2 \quad \times 2 \quad \times 2 \quad \times 2$$
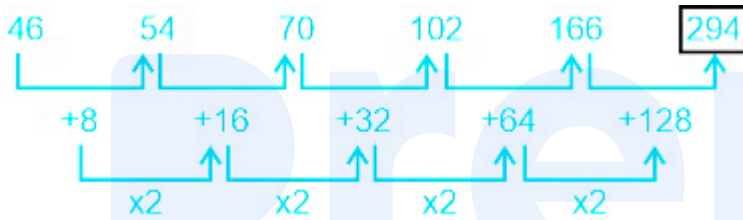
Hence, the correct answer is **"294"**.

---

12. Answer: b

Explanation:

The logic followed here is :-

1) (27, 64, 101)

$$27 \quad 64 \quad 101$$

$$+37 \quad +37$$

2) (42, 79, 126)

```
   42          79          126
   |_____|_____|
         ↑↑          ↑
        +37        +47
```

3) (35, 72, 109)

```
   35          72          109
   |_____|_____|
         ↑↑          ↑
        +37        +37
```

4) (54, 91, 128)

```
   54          91          128
   |_____|_____|
         ↑↑          ↑
        +37        +37
```
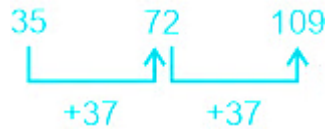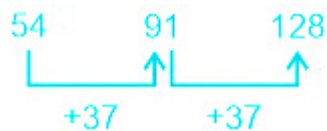
∴ Here, '(42, 79, 126)' is different from other three alternatives.

Hence, the correct answer is **"(42, 79, 126)"**.

---

13. **Answer: a**

Explanation:

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 logic followed here is :

PACKING is coded as 7149113116.

Similarly,

FRUITS will be coded as :
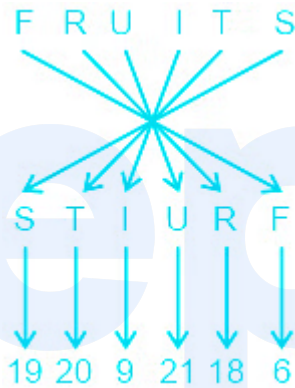
Hence, the correct answer is **"1920921186"**.

14. **Answer: a**

Explanation:

Family chart :-

Symbol in Diagram	Meaning
◯	Female
☐	Male
═══	Married Couple
───	Siblings
|	Difference of A Generation

Family Tree :

A is the brother of B. C is the husband of B. C is the son of E. S is the wife of E.
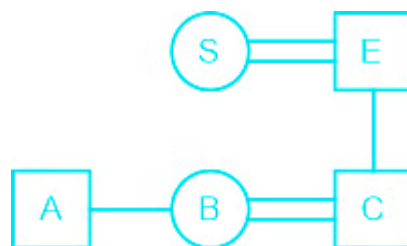
∴ Here, S is mother-in-law of B.

Hence, the correct answer is **"Mother-in-law"**.

---

15. **Answer: c**

Explanation:

The arrangement of the given words in the order in which they appear in an English dictionary is as shown below :

1. **Ta**ckle

4. **Termi n**al

5. **Te**rmite

3. **Top i**c

2. **Top p**er

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

---

16. **Answer: c**

Explanation:

The logic followed here is :-

4/5 = 0.8

5/6 = 0.833

3/8 = 0.375

5/7 = 0.714

6/7 = 0.857

The biggest fraction = 6/7

The smallest fraction = 3/8

The difference between the biggest and smallest fraction = $\frac{6}{7}$ – $\frac{3}{8}$

LCM of 7, 8 is = 56

= $\frac{48-21}{56}$

= Hence, the correct answer is " $\frac{27}{56}$ ".

17. **Answer: c**

Explanation:

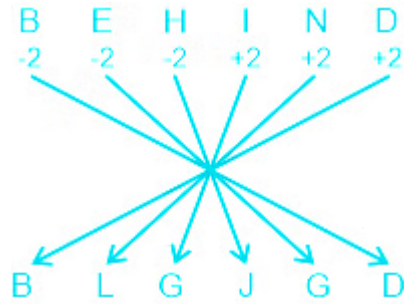| Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The logic followed here is :-

First three alphabet positional values are added +2 are shifted to last three.

Last three from fourth letter alphabet positional value are subtracted -2 are shifted to first three.

'BEHIND' is written as 'BLGJGD'.

Similarly,

'ORANGE' will be written as :
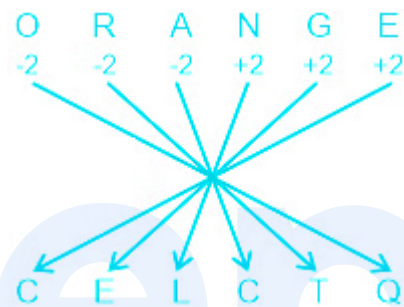
Hence, the correct answer is **"CELCTQ"**.

---

18. **Answer: c**

Explanation:

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

Then logic followed here is :-

```
R    E    S    T
|+3  |-2  |+5  |-2
↓    ↓    ↓    ↓
U    C    X    R
|+3  |-2  |+5  |-2
↓    ↓    ↓    ↓
X    A    C    P
|+3  |-2  |+5  |-2
↓    ↓    ↓    ↓
A    Y    H    N
|+3  |-2  |+5  |-2
↓    ↓    ↓    ↓
D    W    M    L
```
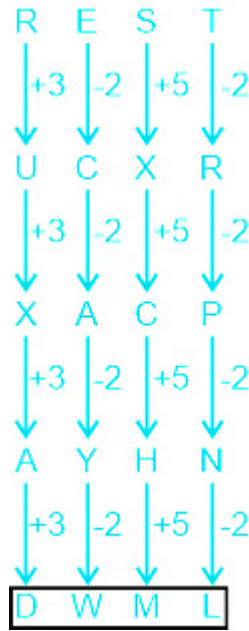
Hence, the correct answer is **"DWML"**.

---

19. **Answer: d**

Explanation:

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 logic followed here is :-

1) ZDHLP


```
Z      D      H      L      P
|___↑__|___↑__|___↑__|___↑
   +4     +4     +4     +4
```

2) LPTXB

3) BFJNR

4) QUYBG

∴ Here, 'QUYBG' is different from other three alternatives.

Hence, the correct answer is **"QUYBG"**.

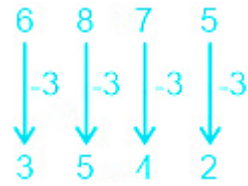---

20. **Answer: a**

Explanation:

The logic followed here is :-

Digits of given number is subtracted by -3.
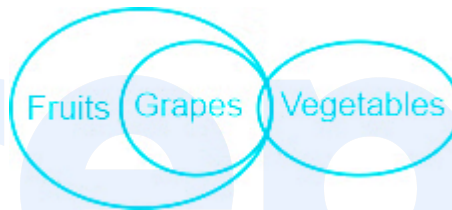
9766 : 6433

Similarly,

6875 : ?

Hence, the correct answer is **"3542"**.

---

21. Answer: b

Explanation:

The least possible Venn diagram for the given statements is as shown below :

Conclusions:

I. Some vegetables are fruits → True (As All grapes are fruits and Some vegetables are grapes so, Some vegetables are fruits is true)

II. All grapes are vegetables → False (As All grapes are fruits and Some vegetables are grapes so, All grapes are vegetables is false)

∴ Here, Only conclusion I is true.

Hence, the correct answer is **"Only conclusion I follows"**.

---

22. Answer: a

Explanation:

The least possible Venn diagram for the given relation is as shown below :

- Yamuna is a river.
- Narmada is a river.
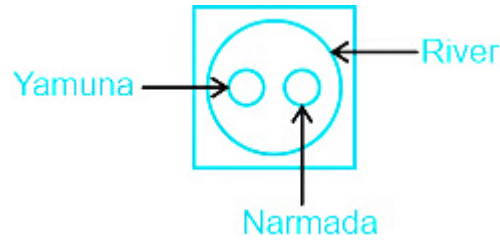
Hence, the correct answer is **"Option 1"**.

---

23. Answer: d

Explanation:

The correct mirror image of the given combination when the mirror is placed at MN is as shown below :-

Detailed Explanation:

- The line MN is the mirror.
- The word "D793sqg" has last letter as 'g'. so, the mirror image should be "
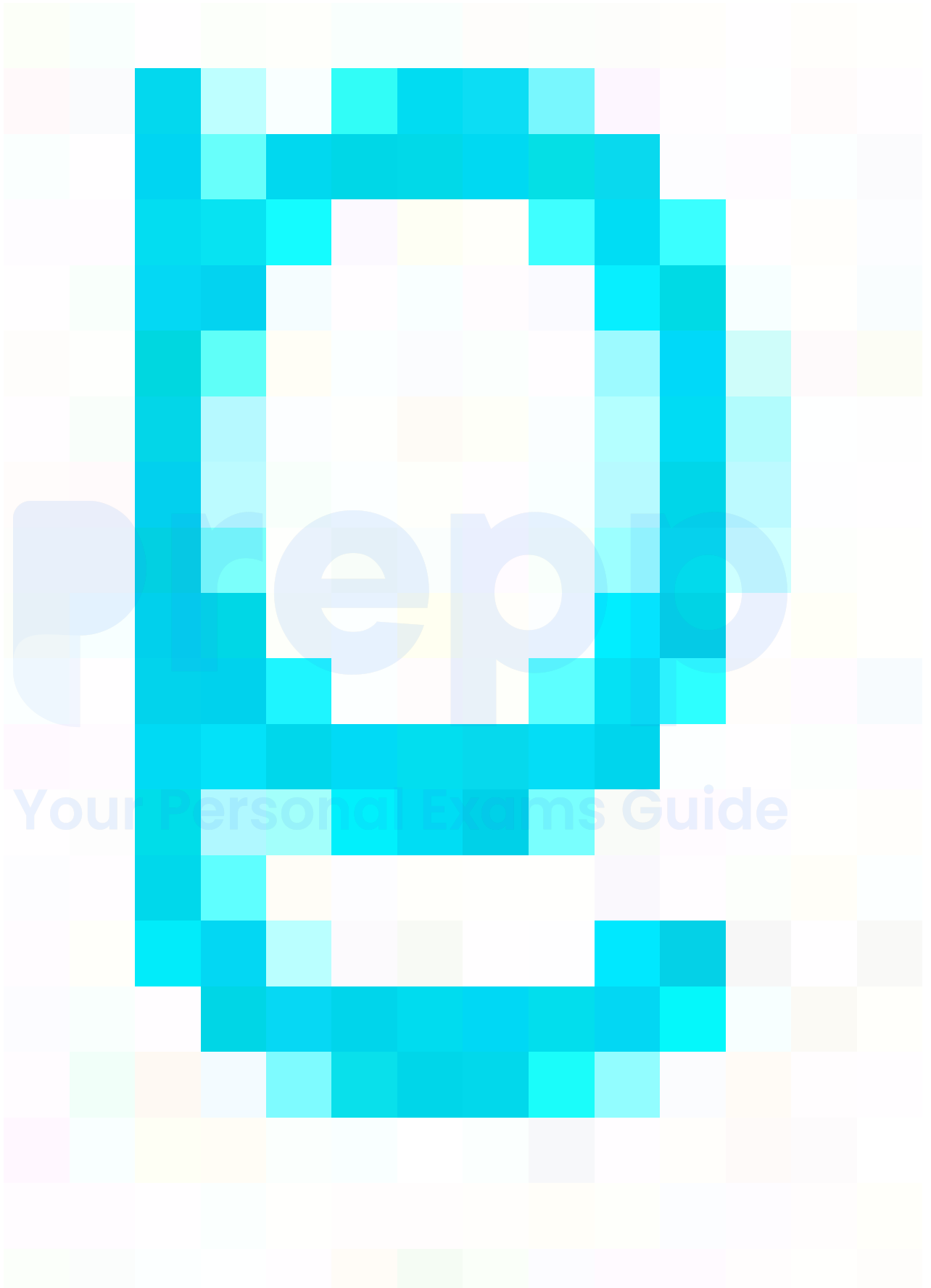
" ⇒ Option 2 is eliminated.

- The word " D793sqg" has last third letter as 's'. so, the mirror image is "

" ⇒ Option 3 is eliminated.

- The word " D793sqg" has last fourth number as '3'. so, the mirror image is "
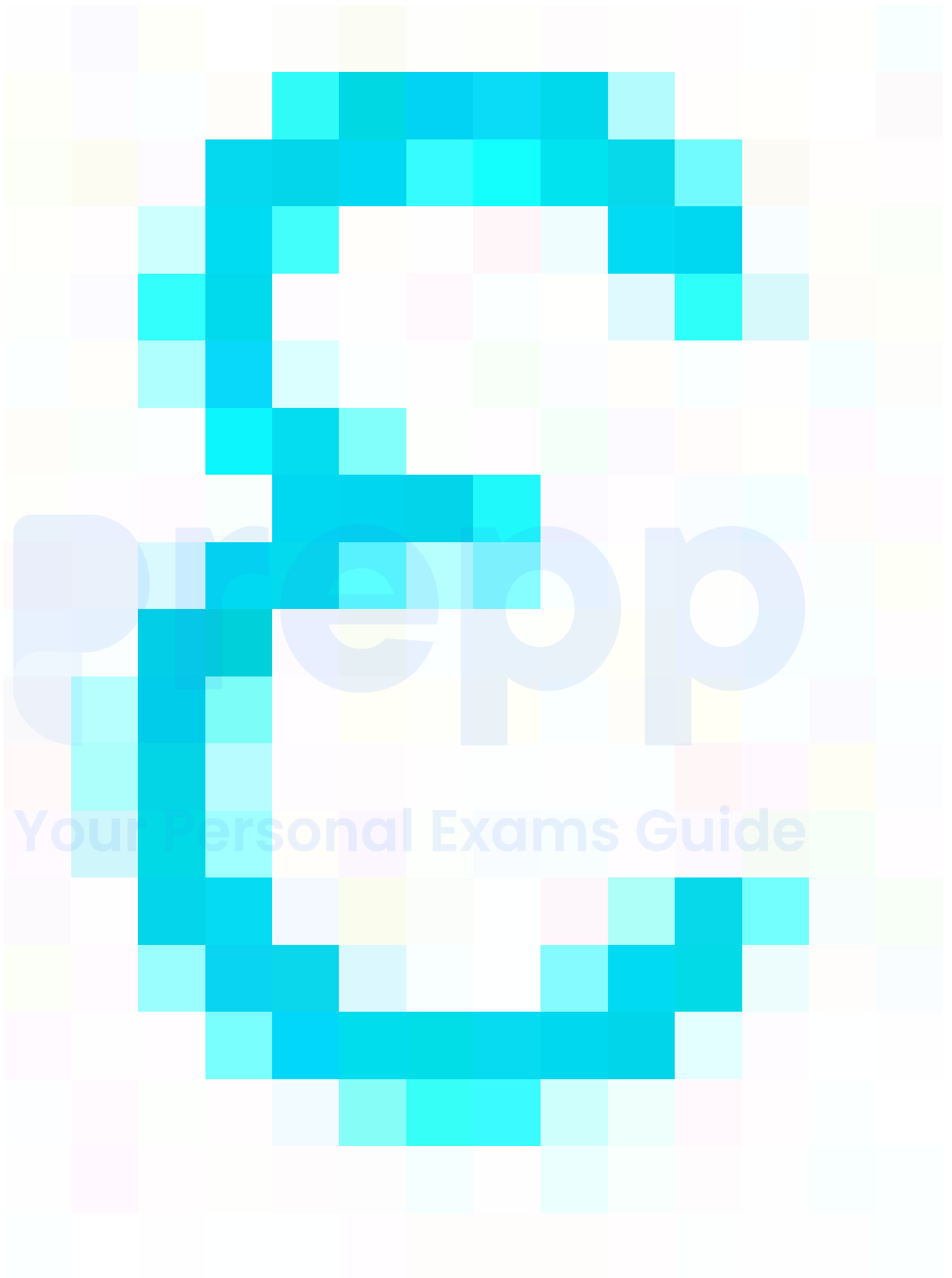
" ⇒ Option 1 is eliminated.

Hence, the correct answer is **"Option 4"**.

---

24. Answer: d

Explanation:

Seven persons, A, B, C, D, E, F and G, are staying on different floors of a building with seven floors.

1) C is staying on the ground floor and There are two floors between the floors of C and F, and F stays on a higher floor than C

2) There are four floors between the floors of B and D, and B stays on a higher floor than D.

3) There are two floors between the floors of E and A, and A stays on a lower floor than E.

4) G and F stay on neighbouring floors and by combining all the above given statements :

∴ Here, 'B' is staying on top most floor in building.

Hence, the correct answer is **"B".**

---

25. **Answer: a**

Explanation:
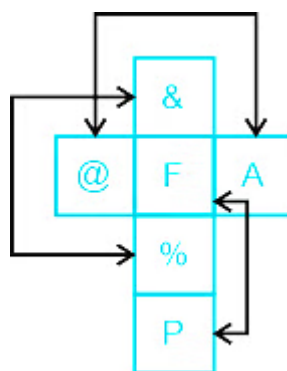
The logic followed here is:

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.

In the given figure, Opposite faces are :

Symbols / alphabets	Opposite face
F	P
A	@
&	%

∴ Here, the opposite face of '&' is '%'.

Hence, the correct answer is **"%".**

---

26. **Answer: d**

Explanation:

The correct answer is <u>island.</u>

⭐ <u>Important Points</u>

- Umananda Island is situated near <u>Guwahati, Assam</u>.
- It is the smallest river island in the middle of the river Brahmaputra .
- According to Hindu mythology, Shiva created the island for his wife Parvati's happiness and pleasure.
- Guwahati is the largest city in the Indian state of Assam .
- The Brahmaputra is called Yarlung Tsangpo in Tibet and Dihang River in Arunachal Pradesh.
- It flows through China, India, and Bangladesh.

⭐ <u>Additional Information</u>

- 'Majuli' is the largest river island in the world .
- Majuli island is a large river island located in the middle of the 'Brahmaputra River ' in Assam .
- This island was formed due to a change in direction of the 'Brahmaputra River ' and its tributaries .

---

27. Answer: d

Explanation:

The correct answer is <u>Adani Green Energy.</u>

⭐ <u>Key Points</u>

- The latest ranking of global solar companies by **Mercom Capital** ranks the **Adani Group** as number one global solar power generation asset owner in terms of **operating solar projects.**
- Adani Green Energy Limited is an Indian renewable energy company headquartered in Ahmedabad, Gujarat.
    - It is owned by the Adani Group.
    - The company operates the Kamurti Solar Power Project, one of the largest solar photovoltaic plants in the world.
    - The company was incorporated on 23 January 2015 under the Companies Act 2013.
    - It is the first company to offer investment grade US Dollar Green Bonds to foreign investors.

⭐ <u>Additional Information</u>

- **Mercom Capital Group** is a clean energy communications and consulting firm with offices in the US and India.
    - It provides highly respected industry market intelligence reports covering **Solar Energy, Wind Energy and Smart Grid.**

---

28. Answer: a

Explanation:

The correct answer is <u>2020</u>.

⭐ <u>Key Points</u>

- World Population Day is celebrated on July 11, every year, in order to spread and raise awareness of the rising global population issues.
- The day was invented by the Governing Council of the United Nations Development Programme, way back in 1989.
- The theme for the year 2020 is How to safeguard the health and rights of women and girls now amid the pandemic.

⭐ <u>Additional Information</u>

Date	Days
15th January	National Army Day.
28th February	National Science Day.
8th March	International Women's Day.
22nd April	Earth Day.
1st May	Labour Day.
24th April	Panchayati Raj Day.
5th June	World Environment Day.
11th July	World Population Day.
29th August	National Sports Day.
15th September	International Day of Democracy.
10th October	World Mental Day.

16th November	International Day for Tolerance.
January 30	Martyrs Day.
28th February	National Science Day.
27th March	World Theatre Day.
30th April	Ayushman Bharat Diwas.
31st May	Anti-tobacco Day.
26th June	International Day against Drug Abuse and Illicit Trafficking.
28th July	World Hepatitis Day.
30th September	International Translation Day.
31st October	National Unity Day.
24th December	National Consumer's Day.

29. **Answer: c**

Explanation:

The correct answer is **Maharashtra.**

⭐ **Key Points**

- **Maharashtra** is the fifth state of India to withdraw general consent for CBI operations within its territory on 21 October 2020.
- **Nine states** have withdrawn general consent to the Central Bureau of Investigation (CBI) to investigate cases.
- These include **Mizoram, West Bengal, Chhattisgarh, Rajasthan, Maharashtra, Kerala, Jharkhand, Punjab and Meghalaya.**

⭐ **Additional Information**

- The Central Bureau of Investigation (CBI) was established in <u>1963</u> by a resolution of the Ministry of Home Affairs.
- The Santhanam Committee on Prevention of Corruption (1962-1964) recommended the establishment of the CBI.
- CBI Director: Rishi Kumar Shukla (From February 02, 2019)
- CBI attributes its powers to the Delhi Special Police Establishment Act of 1946.
- CBI is the major investigating agency of the Central Government and it performs an integral role in the prevention of corruption.
- It is neither a constitutional body nor a statutory body.

30. **Answer: c**

Explanation:

The correct answer is <u>Samkhya.</u>

⭐ <u>Key Points</u>

- Kapila, a Vedic sage was one of the founders of the system of Samkhya, one of six darshans (systems) of Indian philosophy.
- Samkhya or Sankya is a **dualistic school of Indian philosophy.**
- It views reality and human experience as composed of two independent principles, **puruṣa and prakṛti** .

⭐ <u>Additional Information</u>

<u>Schools of Indian Philosophy</u>

Philosophy	Writer
Sankhya	Kapila
Yoga	Patanjali
Vaisheshik	Kannada
Vedanta(Uttar Mimansa)	• Absolute Monism of Shankara • Vishishtha Advaita or qualified monism of Ramanuja • Dvaita of Madhva
Mimamsa(Purva Mimasa)	Gemini(Jamini)

31. **Answer: b**

Explanation:

The correct answer is <u>Nikola Tesla.</u>

⭐ **<u>Key Points</u>**

- Nikola Tesla invented the **induction motor.**
- Nikola Tesla was born on 10th July 1856 to a priest father in the Croatian town of Smiljan (Austrian Empire)
- Nikola Tesla's best-known invention was Alternating Current .
- The most well-known symbol of Tesla's work is the Tesla coil .
- A Tesla coil comprises a primary and secondary coil, each with its own capacitor to store electrical energy .
- It is a transformer that produces high-voltage , low-current , high-frequency alternating-current electricity .
- Tesla developed his own turbine engine that used the combustion process to rotate the disks .

- Nikola Tesla invented the first AC commutator-free three-phase induction motor in 1885 .

⭐ Additional Information

- **Frank Shuman** was an American inventor, engineer and solar energy pioneer known for his work on solar engines, especially those that used solar energy to heat water that would produce steam.
- **John Logie Baird** was a Scottish inventor, electrical engineer, and innovator who demonstrated the world's first live working television system on 26 January 1926.
- **Thomas Savery** invented the first commercially used steam-powered device, a steam pump which is often referred to as the **"Savery engine".**

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32. Answer: d

Explanation:

The correct answer is <u>**Harivansh Narayan Singh.**</u>

⭐ Key Points

- **Harivansh Narayan Singh** was re-elected as Deputy Chairman of Rajya Sabha in September 2020.
- This is the second time that he has been elected as the deputy chairman of the House.
- Harivansh beat Manoj Kumar Jha of the RJD, who was the joint Opposition candidate.
- His name was proposed by BJP chief J P Nadda, and seconded by Leader of the House Thawarchand Gehlot.

⭐ Additional Information

- The Vice President of India is the Chairman of the Rajya Sabha.
- The Vice President of India is the ex-officio Chairman of the Rajya Sabha.
- The term of the Chairman of Rajya Sabha is only for 5 years.

- The Rajya Sabha selects a Deputy Chairman from among its members.
- The Chairman of the Rajya Sabha gives his resignation to the President.

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33. Answer: a

Explanation:

The correct answer is <u>Chero</u>.

⭐ <u>Important Points</u>

- **Chero** of the following tribes was defeated by the famous General of Akbar, Raja Man Singh in 1591.
- The Cheros chiefdoms emerged in the present-day Bihar and Jharkhand by the 12th century.
- They were attacked and defeated by Raja Man Singh.
- Raja Man Singh was Akbar's famous general.
- Akbar included Singh in Navratnas or the nine gems of the royal court of Akbar.

Thus, we can say Raja Man Singh who attacked and defeated the Cheros tribe in 1591 was Akbar's famous general.

⭐ <u>Additional Information</u>

- **Raja Man Singh** of Amer was born in 1540 AD.
- Raja Man Singh was one of the famous **Nav-ratan of Akbar's royal court.**
- As a trusted general of Akbar, Raja Man Singh fought many other wars against **Maharana Pratap** including the historical battle of 'Haldighati'.

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34. Answer: d

Explanation:

The correct answer is <u>Sustainable Sanitation and Climate Change.</u>

⭐ <u>Key Points</u>

- The resolution declaring World Toilet Day titled, 'Sanitation for All' was adopted on 24 July 2013.
- The resolution urges the UN Member States and relevant stakeholders to encourage behavioural change and the implementation of policies to increase access to sanitation among the poor, along with a call to end the practice of open-air defecation, which it deemed "extremely harmful" to public health .
- World Toilet Day seeks to inspire action to tackle the global sanitation crisis and help achieve Sustainable Development Goal 6 (SDG 6), which promises sanitation for all by 2030.
- In 2020, activities to mark the day will focus on the theme, 'Sustainable sanitation and climate change.
- World Toilet Day is celebrated on 19th November every year.

⭐ <u>Additional Information</u>

Date	Days
15th January	National Army Day.
28th February	National Science Day.
8th March	International Women's Day.
22nd April	Earth Day.
1st May	Labour Day.
24th April	Panchayati Raj Day.
5th June	World Environment Day.
11th July	World Population Day.
29th August	National Sports Day.
15th September	International Day of Democracy.
10th October	National Sports Day (Birth Anniversary of Major Dyanchand).

16th November	International Day for Tolerance.	

35. Answer: d

Explanation:

The correct answer is <u>rats.</u>

⭐ **Key Points**

- Karni Mata Temple in Rajasthan is called 'Temple of Rats'.
- Karni Mata Temple is a Hindu temple dedicated to Karni Mata at Deshnoke, Bikaner, Rajasthan.
- It is also known as the Temple of Rats.
- According to tradition, Karni Mata (Riddhi Bai) was the daughter of Meha Ji, residing at Suwap village.
- She was married to Depa Ji Charan.

⭐ **Additional Information**

Important temples in India:

Temples in India	State
Lord Venkateswara Temple	Andhra Pradesh
Mahabodhi Temple	Bihar
Somnath Temple	Gujarat
Dwarkadhish Temple	Gujarat
Vaishno Devi Temple	Jammu & Kashmir
Amarnath Temple	Jammu & Kashmir
Virupaksha Temple	Karnataka
Gomateshwara Temple	Karnataka
Padmanabhaswamy Temple	Kerala
Khajuraho Temple	Madhya Pradesh
Siddhivinayak Temple	Maharashtra
Konark Sun Temple	Odisha
Jagannath Temple	Odisha
Golden Temple	Punjab
Ramanathaswamy Temple	Tamil Nadu
Meenakshi Temple	Tamil Nadu
Brihadeeswara Temple	Tamil Nadu
Rajagopalaswamy Temple	Tamil Nadu
Nataraja Temple	Tamil Nadu
Kashi Vishwanath Temple	Uttar Pradesh
Badrinath Temple	Uttarakhand

Temples in India	State
Yamunotri Temple	Uttarakhand
Gangotri Temple	Uttarakhand

36. **Answer: a**

Explanation:

The correct answer is **Maharashtra.**

⭐ **Key Points**

- **Maharashtra** won the most number of medals at the Khelo India Youth Games 2020.
- The **second edition** of Khelo India Youth Games was held in **Pune.**
- **Maharashtra** topped the Medal tally with 228 medals, whereas **Haryana** and **Delhi** claimed the **second** and **third** spot.
- **Maharashtra** bagged 'General Championship of Khelo India 2019' with 85 Gold Medals.
- Students from colleges and universities competed in the games.

⭐ **Additional Information**

- The **1st edition** of Khelo India games was held in **Delhi** in January 2018.
- The Khelo India games are organised by the **Ministry of Youth Affairs & Sports .**
- 3rd edition of the Khelo India Youth Games will be held at **Guwahati from January 18-30, 2020.**
- The Games will see a participation of more than 10,000 athletes and officials. It will be conducted in partnership with IOA, SGFI, and Assam as a host state.

37. **Answer: d**

Explanation:

The correct answer is Canada .

⭐ <u>Key Points</u>

- **Leylah Annie Fernandez** is a **Canadian professional tennis player.**
- She has a career-high ranking of **No.13 by the Women's Tennis Association, achieved on 8 August 2022.**
- Fernandez won her **first WTA Tour title at the 2021 Monterrey Open.**

⭐ <u>Additional Information</u>

- Rafael Nadal is a professional tennis player from Spain.
- Novak Djokovic is a professional tennis player from Serbia.
- Roger Federer is a professional tennis player from Switzerland.
- Andy Murray is a professional tennis player from Scotland.

---

38. **Answer: c**

Explanation:

The correct answer is <u>Serbia.</u>

⭐ <u>Key Points</u>

- **Novak Djokovic** is a professional tennis player from **Serbia.**
- Serbia Novak Djokovic won a seventh Wimbledon men's title and 21st Grand Slam crown with a four-set triumph over Nick Kyrgios .
- Djokovic maintained his stranglehold on Wimbledon by beating Nick Kyrgios to win a fourth consecutive title and 21st Grand Slam crown .
- The victory though might just be a bittersweet one for Djokovic as he fell four places in the ATP ladder despite collecting a seventh title at the All England Club.

⭐ <u>Additional Information</u>

- Rafael Nadal is a Spanish professional tennis player .
- Roger Federer is a professional tennis player from Switzerland .

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39. **Answer: b**

   Explanation:

   The correct answer is **Option 2.**

   ⭐ **Key Points**

   - Tata iron and steel company was set up by Dorabji Tata on August 25, 1907, as part of the Jamshedji Tata group .
   - Tata Iron and Steel Company (TISCO) was founded by Jamsetji Tata and established by Dorabji Tata .
   - It was completed in 1910 but the production started in 1911.
   - It is known as TISCO (Tata Iron and steel company) .
   - The plant is located at Jamshedpur .
   - Roads, railway wheels, railway lines, slabs, and sleepers are manufactured here.
   - This plant is located at the confluence of River Kharkai and Swarnrekha .
   - It is an important plant of the private sector which was established at Sakchi by Jamshedji Tata .

40. **Answer: b**

   Explanation:

   The correct answer is **Sadat Rahman.**

   ⭐ **Key Points**

   - Sadat Rahman from Bangladesh has been awarded the prestigious International Children's Peace Prize 2020 .
   - He was awarded the prize for his involvement in setting up his social organization and mobile app 'Cyber Teens' to stop cyberbullying.

- The award was presented by Nobel Peace Prize laureate Malala Yousafzai, during a ceremony in the Netherlands.
- He was selected out of 142 applicants from 42 countries.

⭐ **Additional Information**

- International Children's Peace Prize
  - The International Children's Peace Prize is given annually since 2005 by the International Children's rights organization Kids Rights based in Amsterdam, the Netherlands.
  - The prestigious Prize is annually awarded to a child who has made a special effort to promote children's rights and better the situation of vulnerable children.

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41. **Answer: d**

Explanation:

The correct answer is **Maharashtra.**

⭐ **Key Points**

- Thoseghar waterfall located in **Maharashtra.**
- Thoseghar waterfalls is a scenic spot located near the **small village of Thoseghar, 20 km from Satara city, at the edge of the Konkan region** , in Western India.
- There are a series of waterfalls, some of them **15 to 20 metres and one of approx 200 metres in height.**

⭐ **Additional Information**

- List of important waterfalls:

Waterfalls	Places
Hundru	Jharkhand
Kapildhara ,Kapildhara ,Dhuandhar	Madhya Pradesh
Elephanta,Nohkalikai	Meghalaya
Jogini Waterfall, Bhagsunag Waterfall	Himachal Pradesh
Athirappilly	Kerala
Jog,Shivsamudram, Kunchikal ,Magod,Hebbe	Karnataka
Rajrappa ,Hundru	Jharkhand
Yenna	Maharashtra
Joranda, Barehipani	Odisha
Pykara,Thalaiyar, Hogenakkal	Tamil Nadu
Khangchendzonga	Sikkim
Dudhsagar	Goa

42. Answer: b

Explanation:

The correct answer is **Enid Blyton.**

⭐ **Key Points**

- 'The Famous Five' is a set of adventure novels written by<u>Enid Blyton.</u>
- It is a series of children's adventure novels and short stories.
- **Enid Mary Blyton** was an English children's writer, whose books have been worldwide bestsellers since the 1930s, selling more than 600 million copies.
- **Other books:**
  - Five on a Treasure Island
  - The Island of Adventure
  - The Naughtiest Girl in the School

⭐ <u>Additional Information</u>

- **Hans Christian Andersen** was a Danish author. Although a prolific writer of plays, travelogues, novels, and poems, he is best remembered for his literary fairy tales.
- **Lewis Carroll,** was an English author, poet and mathematician.
  - His most notable works are **Alice's Adventures in Wonderland and its sequel Through the Looking-Glass.**
- **Joseph Rudyard Kipling** was an English novelist, short-story writer, poet, and journalist.
  - He was born in British India, which inspired much of his work.
  - Kipling's works of fiction include the **Jungle Book dilogy, Kim, the Just So Stories and many short stories, including The Man Who Would Be King.**

43. **Answer: c**

Explanation:

The correct answer is <u>Virashaiva.</u>

⭐ <u>Key Points</u>

- **Virashaiva movement** was initiated by Basavanna and his companions like Allama Prabhu and Akkamahadevi in Karnataka in the mid-twelfth century for equality of all human beings.
- The Virasaiva or Lingayata movement was developed by Basavanna a minister of the Chalukya king Bijjala Raya of Kalyana (1157-68 AD).

- There is every reason to believe that it came into existence one or two centuries earlier through the activities of some Brahmana Saiva reformers.
- Basavanna used his political power and position in furthering the cause of this movement which was as much a social reform as a religious one. In the tenets of this school, Visistadvaitavada played an important part.
- Virasaivism means the Saivism of the stalwarts or heroic Saivism.

⭐ <u>Additional Information</u>

- The **Chisti order** is one of the four major orders of Classical Sufism , that originated from a small town named Chist in Afghanistan
- Khwaja Abu Ishaq Shami founded this sect in 930 CE there.
- Characteristics of Chisti sect:
  - The followers avoid committing anything against as proposed in the Quran.
  - Stay away from rich & corrupt and avoid worldly attractions
  - Avoiding the company of rulers and the elite.
  - Practising music in a way that it helps an individual to submerge into the existence of god.
  - Qawwali is an eminent feature of this sect of Sunni Islam.
- The Bhakti movement was an important historical religious movement in medieval Hinduism.
  - Bhakti movement in Hinduism refers to ideas and engagement that emerged in the medieval era on love and devotion to religious concepts built around one or more gods and goddesses.
- The **Nipakh movement** was started by **Dadu Dayal.**

---

44. Answer: a

Explanation:

The correct answer is <u>Charles Robert Darwin.</u>

⭐ <u>Key Points</u>

- **Charles Robert Darwin** discovered the Theory of Evolution.

- The theory of evolution is a shortened form of the term "theory of evolution by natural selection", proposed by Charles Darwin and Alfred Russell Wallace in the nineteenth century.

⭐ Additional Information

- Natural selection occurs in four different ways:
  - Variation - The accumulated changes in an organism over a period of time usually give rise to a new species.
  - Inheritance - This is the passing of variations over generations that eventually leads to speciation.
  - High rate of population growth - This makes the number of organisms that can reproduce by a species more than the environment.
  - Differential Survival and Reproduction - Best variations lead to survival of a particular organism and low or negative variations lead to extinction. There are better variations inherited during reproduction.

45. **Answer: d**

Explanation:

The correct answer is**Arunachal Pradesh.**

⭐ Key Points

- Tawang Monastery is the largest monastery in India and is located in Arunachal Pradesh.
- It is the second-largest monastery in the world after Potala Palace in Lhasa, Tibet.
- It is known as 'Gaden Namgyal Lhatse' in Tibetan.
- It was founded by Merak Lama Lodre Gyatso in 1680-81.
- It contains the scriptures of Gyetengpa, Doduipa, Mamtha, Kangyur, Tengyur and Zungdui .

⭐ Additional Information

State	Major Monasteries
Sikkim	Rumtek Monastery is the largest and most popular monastery in Sikkim and is also known as Dharma Chakra Centre. Other monasteries are - Dubdi, Permayangtse, Tashiding, Enchey, Ralang, Sanga Choeling, etc.
Ladakh	Diskit Monastery/ Deskit Gompa or Diskit Gompa is the oldest and largest Buddhist monastery (gompa) in the Nubra Valley of Ladakh. Other monasteries Hemis, Spituk, Thiksey, Shey Gompa, and Phyang.

- Manipur is rather famous for its temple treasures.
  - Mahabali Temple
  - Shri Govind Temple
  - Sanamahi Temple
  - Nrityananda and Narasimha Temple

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46. **Answer: b**

Explanation:

The correct answer is **3 years.**

⭐ **Key Points**

- About 300 members of the Constituent Assembly met periodically for **3 years** to write the Constitution of India.
- The Constitution was adopted on 26th November 1949 which came into effect on 26 January 1950.
- The Constituent Assembly took 3 years in drafting the Constitution for Independent India.

- Dr. Sachchidananda Sinha presided over the first meeting of the Constituent Assembly.
- Dr. Rajendra Prasad was elected as the President of the Constituent Assembly and H.C Mukherjee as Vice President.
- The Chairman of the Drafting Community was Dr. B.R Ambedkar.

⭐ **Additional Information**

- **Important Committees of the Constituent Assembly :**
  - Drafting Committee - Dr B R Ambedkar
  - Union Constitution Committee -Jawaharlal Nehru
  - Union Powers Committee -Jawaharlal Nehru
  - States Committee -Jawaharlal Nehru
  - Steering Committee -Dr Rajendra Prasad
  - Rules of Procedure Committee -Dr Rajendra Prasad
  - Provincial Constitution Committee -Sardar Vallabhbhai Patel

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47. **Answer: d**

Explanation:

The correct answer is **Section 354 C.**

⭐ **Key Points**

- **Section 354 C** of the Indian Penal Code is voyeurism an offence.
- The Supreme Court has directed that media should not publish their pictures or reveal their identity while reporting rescue operations and stated that the offence of voyeurism under Section 354C of the Indian Penal Code should be enforced if media publishes the pictures of sex workers with their clients.
- The Supreme Court issued these directions in the exercise of power under Article 142 of the Constitution of India accepting some recommendations made by a Court-appointed panel on the rights of sex workers.

⭐ **Additional Information**

- Indian penal code was prepared by the first law commission, chaired by Thomas Babington Macaulay.
- Before the advent of the British, the penal law prevailing in India, for the most part, was the Muhammedan law.
- The objective of this Act is to provide a general penal code for India.
- It was enacted on 6 October 1860.
- It contains 511 section which derives all the criminal offense in details .
- It is an official criminal code of the Republic of India.
- It covers all the aspects of criminal law.

---

48. Answer: c

Explanation:

The correct answer is **Abdul Rahim Khan-i-Khana.**

⭐ Key Points

- Abdul Rahim Khan-i-Khanan court poet of Mughal emperor Akbar was an eminent scholar of Sanskrit, Hindi and Rajasthani alongside Persian, Arabic and Turki.
- He was one of the nine important rank holders of Navratnas from the court of Mughal emperor Akbar .
- He was the son of Bairam Khan mentor and guardian of Akbar .
- He translated Baburnama into Persian and also wrote two astrology books in Sanskrit named Khetakautukam, and Dwatrimshadyogavali.

⭐ Additional Information

- Ziauddin Barani was the court poet of Firuz Shah Tughlaq.
  - Compositions of Ziauddin Baran: Tarikh-i-firozshahi, fatwa-i-jahandari.
  - Tarikh-i-Firoz Shahi is a work on medieval India, which covers the period from the reign of Ghiyas-ud-din Balban to the first six years of the reign of Firoz Shah Tughluq.
- Amir Khusrau (1253-1325) known as Tuti e-Hind and "Turk of India" for his poetic eloquence and fluency in Persian and Hindavi.

- He was a musician, scholar and poet, a Sufi mystic and a spiritual follower of Hazrat Nizamuddin Auliya of Delhi.
- He enriched Hindustani classical music with Persian and Arabic elements.
- Ghiyas ud din Balban belonged to the Mamluk dynasty.
  - He was the 9th sultan of the Mamluk dynasty. Since Sultan Nasiruddin did not have a male heir, Balban became the Sultan of Delhi.
  - There were 5 dynasties in the Delhi Sultanate.
  - The Mamluk dynasty was the first dynasty of the Delhi Sultanate. It reigned from 1206-1290.

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49. Answer: a

Explanation:

The correct answer is <u>NIRVIK .</u>

⭐ <u>Important Points</u>

- In Union Budget 2020, **NIRVIK** scheme was said to be launched with the aim of increasing India's export credit.
- Finance Minister Nirmala Sitharaman, announced the NIRVIK scheme in the Union Budget 2020-21 in Parliament.
  - NIRVIK-Niryat Rin Vikas Yojana .

⭐ <u>Additional Information</u>

- The Ministry of Commerce and Industry prepared the scheme.
- NIRVIK provides for high insurance cover, reduction in premium for small exporters, and simplified procedures for a claim, settlement .
- Under the scheme, also called the Export Credit Insurance Scheme (ECIS) , up to <u>90 percent of the principal and interest is covered.</u>
- The Ministry also proposed to subsidize the premium under the scheme that has to be paid by exporters of certain key sectors.
- The Export Credit Guarantee Corporation currently provides a credit guarantee of up to 60 percent loss .

- The Export Credit Guarantee Corporation (ECGC) cover will also provide additional comfort to banks as the credit rating of the borrower is enhanced to an AA-rated account.
- The enhanced cover will ensure that Foreign and Rupee export credit interest rates will be below 4%and 8% respectively for exporters.

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50. Answer: b

Explanation:

The correct answer is<u>third.</u>

⭐ <u>Key Points</u>

- Finance Minister Nirmala Sitharaman presented her **third Budget in 2021.**
- Nirmala Sitharaman is the second female finance minister after Indira Gandhi.
  - She is also the first full-time female Finance Minister in India.
  - Nirmala Sitharaman presented the union budgets in the year **2019, 2020, and 2021.**

⭐ <u>Additional Information</u>

- The union budget 2021-22 was presented by Union Finance Minister <u>Nirmala Sitharaman.</u>
- It was her third budget in Lok Sabha.
- She presented the union budget 2021-22 on 1st February 2021.
- Nirmala Sitharaman's third budget speech was focused on the Centre's Atmanirbhar Bharat vision.
- It is the ninth budget under the Modi government.
- The Union Budget of India is presented by the Finance Minister in Parliament.
- The union government normally presents it on the first day of February since 2016.
- Until 2016 it was presented on the last working day of February.

---

51. Answer: c

Explanation:

Formula:

$A = P \times \left(1 + \frac{R}{100}\right) n$

$A = CI + P$

$SI = \frac{P \times R \times T}{100}$, where

A = Amount

P = Principal

CI = Compound Interest

R = Rate

T = Time

n = Total number of times

Calculation:

$\frac{A}{P} = \left(1 + \frac{10}{100}\right)^3$

$\Rightarrow \frac{P+CI}{P} = \left(1 + \frac{10}{100}\right) 3$

$\Rightarrow 1 + \frac{CI}{P} = \left(\frac{11}{10}\right) 3$

$\Rightarrow \frac{CI}{P} = \frac{331}{1000}$

Substituting the value of CI, we get-

$\Rightarrow P = \frac{1324 \times 1000}{331} = $ Rs 4000

$SI = \frac{4000 \times 3 \times 10}{100} = 1200$

The simple interest for the sum is Rs 1200.

52. **Answer: b**

Explanation:

Calculation:

Let the CP be "a".

According to the question-

$\Rightarrow \frac{2}{5} \times (a - 5600) = 6160 - a$

$\Rightarrow 2 \times (a - 5600) = 5 \times (6160 - a)$

$\Rightarrow 2a - 11200 = 30800 - 5a$

$\Rightarrow 7a = 42000$

$\therefore a = \frac{42000}{7} = Rs\ 6000$

The cost price of the article is Rs 6000.

53. **Answer: b**

Explanation:

Formula:

$M_1 \times D_1 = M_2 \times D_2$, where

M_1 and M_2 = Number of men working on D_1 and D_2.

D_1 and D_2 = Days for which M_1 and M_2 worked respectively.

Calculations:

Let the work be completed by the remaining men in "a" days.

According to the question-

⇒ 6 × 14 = 6 × 5 + 3 × a

⇒ 84 = 30 + 3a

⇒ 84 - 30 = 3a

⇒ 54 = 3a

∴ a = 18 days.

∴ The remaining work would be completed in 18 days.

---

54. Answer: a

Explanation:

Calculation:

Total acid in 15 liters of solution = $\frac{30}{100}$ × 15 = 4.5 l

There are 4.5 liters of acid in 15 liters of 30% solution.

---

55. Answer: a

Explanation:

Concept:

We would use the concept of BODMAS-

B – Bracket

O – Off

D – Divide

M – Multiplication

A – Addition

S – Subtraction

Calculation:

$$\frac{(5+9)-2+24 \; of \; 6 \div 4 \times 12}{-24 \div (-8) \times (-2)+3}$$

$$\Rightarrow \frac{14-2+24 \; of \; 6 \div 4 \times 12}{3 \times (-2)+3}$$

$$\Rightarrow \frac{14-2+144 \div 4 \times 12}{-3}$$

$$\Rightarrow \frac{14-2+36 \times 12}{-3}$$

$$\Rightarrow \frac{14-2+432}{-3}$$

$$\Rightarrow -148$$

∴ The answer to the expression is –148.

---

56. Answer: a

Explanation:

Formula:

Efficiency = Total work ÷ Time taken to complete the work individually.

Calculation:

Portion of work done by A in 1 day = $\frac{1}{16}$

Portion of work done by B in 1 day = $\frac{1}{15}$

Total work done by A in 4 days = $\frac{4}{16}$ = $\frac{1}{4}$

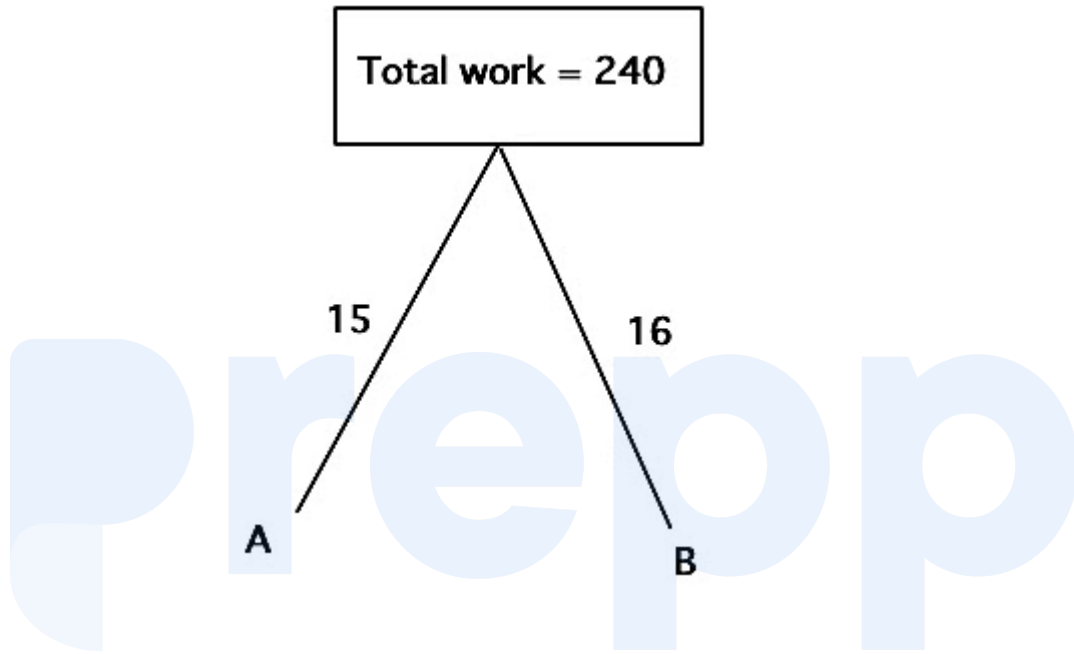Total work remaining = 1 – $\frac{1}{4}$ = $\frac{3}{4}$

Total work done by A and B combinedly in 1 day = $\frac{1}{16}$ + $\frac{1}{15}$ = $\frac{31}{240}$

Total time taken to finish the remaining work = $\frac{\frac{3}{4}}{\frac{31}{240}}$ = $\frac{3}{4}$ × $\frac{240}{31}$ = $5\frac{25}{31}$ days.

∴ A and B would take $5\frac{25}{31}$ days to complete the remaining work.

⭐ Alternate Method

```
            ┌─────────────────────┐
            │  Total work = 240   │
            └─────────────────────┘
              /                  \
          15 /                    \ 16
            /                      \
          A                          B
```

Total work done by A in 4 days = 15 × 4 = 60

Total work remaining = 240 – 60 = 180

Combined efficiency of A and B = 15 + 16 = 31

Time taken to complete the remaining work = $\frac{180}{31}$ = $5\frac{25}{31}$ days.

---

57. **Answer: a**

Explanation:

Formula:

Volume of right circular cone = $\frac{1}{3}$ × π × r 2 × h

where-

r = radius of the cone

h = height of the cone

Calculation:

According to the question-

$\Rightarrow V = \frac{1}{3} \times 3.14 \times r^2 \times 24$

$\Rightarrow r^2 = 3 \times \frac{17600}{7} \times \frac{1}{3.14 \times 24}$

$\Rightarrow r^2 = 100$

$\Rightarrow r = 10$ cm.
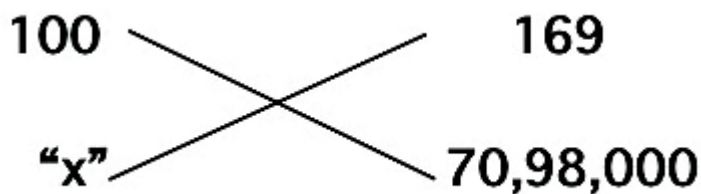
$\therefore$ The radius of the cone is 10 cm.

---

58. Answer: b

Explanation:

Calculation:

Let the income of company in the year 2016 be 100.

Income of the company in the year 2018 = $100 \times (1 + \frac{30}{100})^2 = 169$

$\Rightarrow x = \frac{70,98,000 \times 100}{169} = $ Rs 42,00,000

The income of the company in the year 2016 was Rs 42,00,000

59. Answer: a

Explanation:

Concept:

We would use the concept of BODMAS-

B – Bracket

O – Off

D – Divide

M – Multiplication

A – Addition

S – Subtraction

Calculation:

$104 \div 39 \ of \ \frac{2}{3} + 1\frac{2}{5} \times 12\frac{1}{7} - \frac{3}{4}$

$\Rightarrow 104 \div 26 + \frac{7}{5} \times \frac{85}{7} - \frac{3}{4}$

$\Rightarrow \frac{104}{26} + 17 - \frac{3}{4}$

$\Rightarrow 4 + 17 - 3/4$

$\Rightarrow \frac{16+68-3}{4}$

$\Rightarrow \frac{81}{4}$

$\Rightarrow 20\frac{1}{4}$

$\therefore$ The answer to the expression is $20\frac{1}{4}$.

60. Answer: a

Explanation:

Calculation:

Difference between the constitution of sand and gravel = 9 - 2 = 7 parts

Total difference in 136 kg concrete = $\frac{7}{17}$ × 136 = 56 parts

The total difference in the sand and gravel is 56 kg.

---

61. Answer: c

Explanation:

Calculation:

According to the question-

$\Rightarrow a = \frac{3}{4} \times (b + c)$ or $\frac{4a}{3} = b + c$

Substituting the value of "b + c" in the average equation-

$\Rightarrow \frac{a + \frac{4a}{3}}{3} = 63$

$\Rightarrow a + \frac{4a}{3} = 3 \times 63$

$\Rightarrow \frac{7a}{3} = 3 \times 63$

$\Rightarrow a = \frac{3 \times 3 \times 63}{7} = 81$

The value of a is 81.

---

62. Answer: b

Explanation:

Formula:

Greatest four-digit number = 9999 − remainder + common remainder

Calculation:

Greatest four-digit number = 9999

LCM of 18, 36, and 48 = 144

We will find the remainder for the division of 9999 by 144

⇒ Remainder = 63

Greatest four-digit number = 9999 − 63 + 8 = 9944

The greatest four-digit number is 9944 which on being divided by 18, 36, and 48 leaves the same remainder 8.

---

63. Answer: b

Explanation:

Calculation:

Let the total number of balls in boxes A, B and C be 5a, 7a, and 11a respectively.

∴ 5a + 7a + 11a = 92

⇒ 23a = 92 or a = 4

Total number of balls in boxes A, B, and C is 20, 28, and 44 respectively.

According to the question-

⇒ Balls in box B and A = 20 + 4 , 28 - 4 = 24 , 24

⇒ Balls in box C and A = 24 + 8 , 44 - 8 = 32 , 36

Ratio of balls in the box A, B and C = 32, 24, 36 = 8 : 6 : 9

The ratio of balls in the box A, B and C is 8 : 6 : 9

---

64. Answer: a

Explanation:

Calculation:

Let the present age of Sushanth and Nishanth be 9x and 13x respectively.

Sushanth 's age after 8 years = 9x + 8.

Nishanth 's age after 8 years = 13x + 8.

According to the question-

$$\Rightarrow \frac{9x+8}{13x+8} = \frac{11}{15}$$

⇒ 15 × (9x + 8) = 11 × (13x + 8)

⇒ 135x + 120 = 143x + 88

⇒ 32 = 8x or x = 4

∴ The present age of Nishanth is 13 × 4 = 52 years.

∴ The present age of Nishanth is 52 years.

---

65. Answer: a

Explanation:

Formula:

$A = P \times \left(1 + \frac{R}{100}\right)T$

$CI = A - P$

where-

A = Amount

P = Principal

R = Rate

T = Time

CI = Compound Interest

Calculation:

Since the interest is compounded half-yearly-

$\Rightarrow T = 3$

$\Rightarrow R = 10 \div 2 = 5\%$

$A = 8000 \times \left(1 + \frac{5}{100}\right)3$

$A = 8000 \times \frac{21}{20} \times \frac{21}{20} \times \frac{21}{20} = Rs\ 9261$

CI = Rs 9261 - Rs 8000 = Rs 1261

The compound interest is Rs 1261.

---

66. **Answer: b**

Explanation:

Formula:

$SP = \left(1 - \frac{D\%}{100}\right) \times CP$

Calculation:

Selling price = $\left(1 - \frac{15}{100}\right) \times 720 = $ Rs 612

The selling price of the perfume is Rs 612.

---

67. Answer: d

Explanation:

Formula:

Sum of the ages = Average age × Total number of the person

Calculation:

Total sum of the age of Ram and Shyam three years ago = 20 × 2 = 40 years

Total sum of the ages of Ram and Shyam at present = 40 + 6 = 46 years

Total sum of the ages when Syed joined = 25 × 3 = 75 years

∴ Age of Syed = 75 – 46 = 29 year.

∴ The age of Syed is 29 years.

---

68. Answer: d

Explanation:

Formula:

P = $\frac{SI \times 100}{R \times T}$

A = P × $\left(1 + \frac{R}{100}\right)$T

CI = A – P

where-

P = Principal

SI = Simple Interest

R = Rate

T = Time

CI = Compound Interest

A = Amount

Calculation:

Since the rate is compounded semi-annually, the time would be 3 years

A = 1,25,000 + 15,608 = Rs 1,40,608

$1,40,608 = 1,25,000 \times \left(1 + \frac{R}{100}\right)3$

$\Rightarrow \frac{140608}{125000} = \left(1 + \frac{R}{100}\right)3$

$\Rightarrow \left(\frac{52}{50}\right)^3 = 1 + \frac{R}{100})3$

$\Rightarrow 1 + \frac{R}{100} = \frac{52}{50}$

$\Rightarrow \frac{R}{100} = \frac{2}{50}$

⇒ R = 4%

Annual rate of interest = 4 × 2 = 8%

$SI = \frac{125000 \times 8 \times 3}{100} = Rs\ 30,000$

The simple interest on the sum is Rs 30,000.

---

69. **Answer: b**

Explanation:

Calculations:

Marked price = $\frac{498}{83}$ × 100 = Rs 600

If no discount was offered, SP = MP

∴ CP = $\frac{600}{125}$ × 100 = 480

∴ The cost price of the article is Rs 480.

---

70. Answer: d

Explanation:

Formula:

Average speed = Total distance covered ÷ Total time

Calculation:

Total distance = 140 km + 20 km + 30 km = 190 km

Total time = $\frac{140}{35}$ + $\frac{30}{60}$ + $\frac{30}{60}$ = 5 hrs

Average speed = $\frac{190}{5}$ = 38 km/h

The average speed is 38 km/h

---

71. Answer: b

Explanation:

Formula:

P% = $\left(\frac{SP}{CP} - 1 \right) \times 100$

Calculation:

Substituting the values, we get-

⇒ P% = $\left(\frac{7}{5} - 1 \right) \times 100$

⇒ P% = $\frac{2}{5} \times 100 = 40\%$

The profit percentage is 40%.

---

72. **Answer: d**

Explanation:

Formula:

$R_s = S_s - S_j$, where-

R_s = Relative speed

S_s = Speed of Sonu

S_j = Speed of John

Calculation:

R_s = 7 – 1 = 6 rounds per hour.

Time taken to complete 1 round = $\frac{1}{6}$ hour or 10 min.

Time at which they would cross = 9.35 am + 10 min = 9.45 am.

∴ **They would cross each other at 9.45 am.**

---

73. **Answer: b**

Explanation:

Formula:

$V = \pi \times r^2 \times h$

Where "r" is the radius, "V" is the volume of a cylinder, and "h" is the height of the cylinder.

Calculation:

Substituting the values,

$2750 = 3.14 \times r^2 \times 35$

$\Rightarrow r = \sqrt{\dfrac{2750 \times 7}{22 \times 35}} = 5$ cm

$\therefore$ The radius is 5 cm.

---

74. **Answer: c**

Explanation:

Calculation:

Let the two numbers be "7a" and "11a".

LCM of "7a" and "11a" = 77a

According to the question–

$\Rightarrow 77a = 385$

$\therefore a = 5$

Smaller number = 7 × 5 = 35

The smaller number is 35.

75. Answer: a

Explanation:

Calculation:

Cost of buying milk = 30 × 50 = Rs 1500

Total cost of buying milk and churning milk = 1500 + 15 = Rs 1515

Total selling price of cream = 4 × 300 = Rs 1200

Total selling price of toned milk = 40 × 30 = Rs 1200

Net selling price = Rs 1200 + Rs 1200 = Rs 2400

⇒ Profit = Rs 2400 - Rs 1515 = Rs 885

⇒ Profit% = $\frac{885}{1515}$ × 100 = 58.4158%

The profit percentage is 58.4158%.

76. Answer: d

Explanation:

The correct answer is **Recover** .

⭐ <u>Key Points</u>

- Synonym means identical or almost identical in meaning to another word or phrase in the same language.
- The word '**Retrieve**'(verb) means to bring or get something back.
    - *Example- The program allows you to* ***retrieve*** *data within a few seconds.*
    - *Example- She bent to* ***retrieve*** *her glasses from the floor.*

- Similarly, the word ' **Recover'** (verb) means to get something back or to get back to the previous situation or position.
  - *Example- (From illness)- Rita is still **recovering** from her operation.*
  - *Example- (From something unpleasant)- The economic condition of the country is beginning to **recover** .*
  - *Example- (Something stolen or lost)- The police **recovered** the stolen money from the thieves.*

Therefore, the appropriate synonym for **Retrieve** is **Recover** .

⭐ Additional Information

- The word '**Remove'** (verb) means to take something or somebody away from a place or to get rid of something unpleasant.
  - *Example- John **removed** his hands from her shoulder.*
  - *Example - She **removed** her glasses and looked at the thing.*
  - *Example- It was difficult to **remove** the stain from the curtain.*
- The word ' **Rescue** ' (verb) means to save something or somebody from a dangerous situation.
  - *Example- She **rescued** a man from drowning.*
- ' Rescue ' as a noun means the act of saving something or somebody from a difficult situation.
  - *Example- A policeman came to their **rescue** when they were attacked by robbers.*
- **Retain'** (verb)means to keep something or to continue to have something. *Example- He managed to **retain** control of the situation.*

---

77. **Answer: c**

Explanation:

The correct answer is **appearance** .

⭐ Key Points

- The word '**apportion**' (verb) means to divide or share something with somebody.
  - *Example- They apportioned the land in accordance with each individual's share within the family.*
- The word '**apprehension**' (noun) means concern or fear that something bad or unpleasant may happen.
  - *Example- He watched the cricket match with some apprehension.*
- Another meaning of '**apprehension**' *is* getting someone caught or arrested, usually by the police.
  - *Example- The apprehension of the terrorists was a piece of big news.*
- '**apparition**'(noun) means a ghost or a picture of a dead person.
  - *Example- Suddenly a terrible apparition emerged in the entry hall.*
- The word '**appearance**' (noun) means the physical appearance of a person, place, or thing.
  - *Example- Tina had never been concerned about her appearance.*
- Therefore it is clear that '**appearance**' is the appropriate word because it along with the rest of the sentence makes it a meaningful one.

The correct sentence is: *You should pay a little more attention to your **appearance**.*

⭐ **Additional Information**

- appearance as look
  - synonyms- look, looks, manner, demeanor, figure, form
- appearance as arrival
  - synonyms- coming, emergence, presence
- appearance as impression
  - synonyms- semblance, pretense, guise, etc.

---

78. **Answer: d**

Explanation:

The correct answer is **interrogation**.

⭐ **Key Points**

- The word 'interrogation' is a noun that means the action of questioning or a method of getting information from someone by asking them a lot of questions for a long time, sometimes with threats or violence.
  - *Example- He began to confess after a long interrogation .*
- Hence, it is clear that **interrogation** is the appropriate word here because the police took the thief to question or interrogate him about something but he did not say anything.

⭐ <u>Additional Information</u>

- The word ' **provocation** ' is a noun. It means an act of doing or saying something on purpose to make someone upset or angry.
  - *Example- He reacts violently without any provocation .*
- **Discussion** (noun) means having a conversation about somebody or something.
  - *Example- Discussions are going on between the two leaders.*
  - *Example- After a long discussion, they came to the conclusion.*
- The word ' **objection**' means the action of voicing opposition against something or someone.
  - Example- *A few people raised an objection to the proposal.*

79. **Answer: a**

Explanation:

The correct answer is **Accomplish.**

⭐ <u>Key Points</u>

- Synonym means identical or almost identical in meaning to another word or phrase in the same language.
- The word '**Achieve**' is used as a verb in a sentence. It means to reach a certain goal, status, or standard, especially after putting in a lot of work over a long time.
  - *Example- If you work hard, you can achieve success.*
  - *Example- He hasn't achieved very much yesterday.*

- The word ' **Accomplish'** means to finish or do something successfully. It is used as a verb in a sentence.
    - *Example- I think I have **accomplished** very much today.*
    - *Example- There are numerous ways to **accomplish** the task.*
- So we can say that ' **achieve'** and ' **accomplish'** both have the same meaning.

⭐ Additional Information

- '**Abduct'** (verb) means to take somebody away illegally by using force.
- Synonym- Kidnap
    - *Example- He took attempts to **abduct** the child .*
- '**Accuse'** (verb) means to say or claim that somebody has done something wrong.
- Synonym- Allege
    - *Example- She **accused** him of betraying.*
- '**Adjoin'** (verb) means joined to something or to be next to something.
- Synonym- Abut
    - *Example- His office **adjoins** the museum.*

80. **Answer: a**

Explanation:

The correct answer is Thretened.

⭐ Key Points

- The correct spelling is **Threatened** .
    - *Example- They broke my car and **threatened** me.*
    - *Example- The hijackers **threatened** them with loaded guns.*

⭐ Additional Information

- ' **Threatened'** is used as a verb in a sentence as shown in the above example.
- It comes from the Old English word thréat, which means 'pressure' or 'punishment.'

- The synonym of **Threatened** is **jeopardized ,warned ,imperiled,** etc.
- The word ' **Threatened** ' is always used in a negative manner, especially when there is some kind of harm or violence involved.

---

81. Answer: b

Explanation:

The correct answer is **called as a vaccine** .

⭐ **Key Points**

- The fourth part of the sentence contains a grammatical error.
- The correct form would be **called a vaccine** .
- **'called as a vaccine'** is not appropriate for this particular sentence because here the sentence implies that millions of people are protected from polio by a fluid **which is called a vaccine** .
- The name of the particular fluid is vaccine so we can say that the fluid is **called a vaccine** .
- Writing ' **called a vaccine'** solves the purpose of the sentence and the meaning of the sentence can easily be understood.
- **'Called'** here is a verb form that can be used instead of ' **named'** or ' **known as'** .
- It can be used with ' **as'** when the meaning shows ' **was selected to be'.**
  - *Example- He was **called as** a manager in the year 2001* .
- **'Called as'** can be used in a sentence when it refers to somebody who has called you over the telephone.
  - *Example- I just **called you up as** a wellwisher, not as a teacher* .

---

82. Answer: d

Explanation:

The correct answer is **Deception is at an end** .

⭐ <u>Key Points</u>

- **'Game is up'** means to let someone know that you are aware of their hidden plans or activities and that they must stop.
  - *Example- Okay, the **game is up** , we know that you have stolen the gold chain.*
  - *Example- John, the **game is up** ! The cops discovered your fingerprints all over the door.*
- Hence, the appropriate meaning is ' **Deception is at an end'** because when someone's ' **game is up'** , they can no longer get away with doing something dishonest or unlawful because they've been caught.

⭐ <u>Additional Information</u>

- An **idiom** is a set of words whose meaning has been established by usage as distinct from that of the individual terms.
- The ancient Greek term ' **idioma** ' meant ' **peculiar phraseology** ', the English word " **idiom** " came from this.
- **Idioms** exist in every language.
- **These** are often used by people who speak or write to get their point across in a more creative way.
- Some common examples of **idioms** :
  - *Once in a blue moon means **rarely**.*
  - *Example- You come to our house **once in a blue moon** .*
  - *Sell like hot cakes means **quick sellout and in large quantities.***
  - *Example- Her books are **selling like hot cakes** .*

---

83. **Answer: c**

Explanation:

The correct answer is **Assailant** .

⭐ <u>Key Points</u>

- 'Assailant' (noun) means a person who assaults another person in a violent manner.
    - *Example- The police will ask you to describe your **assailant.***
- Synonym of **Assailant** -**Attacker**

⭐ <u>Additional Information</u>

- The word **'Convict'** (noun) means one who has found guilty of a crime and put to prison.
    - *Example- The **convict** made repeated futile attempts to break out of jail.*
- **'Convict'** as a verb means proclaiming someone guilty of a crime by jury or court conviction.
    - *Example- The old man was **convicted** and sentenced to death.*
- The word ' **Scoundrel'** (noun) means a mean, immoral person, especially a male.
    - *Example- The police promised to find the **scoundrel** who robbed my money.*
- Culprit (noun) means someone who has been guilty of an offence or of doing something inappropriate.
    - *Example- She identified him as the main **culprit**.*

---

84. **Answer: d**

Explanation:

The correct answe is **whether I use.**

⭐ <u>Key Points</u>

- Here instead of ' **whether'** we should use the word ' **if'** because it is sounding more appropriate.
- In indirect yes-no questions and questions with or, we apply whether.
    - *Example- He wants to find out **whether** the rooms have a heater **or** not.*
- When we are just asking and not talking about options or alternatives we can use ' **if'** .
    - *Example- Would you mind **if** I ask you to sit?*

- **If** and **whether** are frequently interchangeable, yet they have different applications.
- **If** and **whether** are subordinating conjunctions.
- When describing a possible selection of actions, **whether** is preferred over **if** ; **if** is better saved for the introduction of a condition.

---

85. **Answer: c**

Explanation:

The correct answer is **No substitution required** .

⭐ Key Points

- When two subjects are linked by words like ' **along with** ', ' **together with** ', ' **as well as** ', etc., the verb agrees with the first subject. Therefore, we use **is** or **was,** or **has** instead of **are** ,**were,** or **have** .
  - *Example- The director **along with** his wife **has** come to our house.*
  - Example- He **as well as** his daughter **sings** well.

⭐ Additional Information

- This is known as subject-verb-agreement of a sentence where the **subjects and verbs agree with each other in terms of number** (singular or plural).
- If the subject of a sentence is **singular** the verb of that sentence should also be **singular** .
- If the subject of a sentence is plural the verb of that sentence should also be plural .
- There are many subject-verb-agreement rules in English Grammar.

---

86. **Answer: b**

Explanation:

The correct answer is " **invited** ".

⭐ <u>Key Points</u>

- **Invite** means **calling a person** to come at a particular place at a particular time **in a courteous and encouraging manner** .
  - **Example:***I need to **invite** my friends for tomorrow's party.*
- Therefore, invite is the appropriate answer.

⭐ <u>Additional Information</u>

- **Asked** - to question or order someone.
  - **Example** :*The boss **asked** his team to finish the work within an hour.*
- **Encouraged** - to motivate and give hope.
  - **Example** :*I **encouraged** my friend as he was feeling low.*
- **Required** - In need of something.
  - **Example** :*Tom is **required** to submit all his certificates for his college admission.*

---

87. **Answer: c**

Explanation:

The correct answer is " **plundering** ".

⭐ <u>Key Points</u>

- **Training** means **teaching** a skill to a person **consistently** .
  - **Example** :*Mark is taking **training** to become an athlete.*
- **Plundering** means taking **something forcefully.**
  - **Example** :*Gill is working hard to **plunder** the trophy.*
- Therefore, the appropriate answer is plundering.

⭐ <u>Additional Information</u>

- **Distilling** - to take the essence of something.
  - **Example:** *The team leader has to distil the meeting to make a report.*
- **Mischallenging** - a challenge that is improper.
  - **Example:** *The friends took the task mischallenging .*
- **Disillusioning** - To disappoint someone by breaking their belief about someone or something.
  - **Example:** *I disillusioned Ron by bringing out the true color of his friend.*

---

88. Answer: a

Explanation:

The correct answer is " **Advance** ".

⭐ **Key Points**

- **Retreat** means **to withdraw** or to go backward.
  - **Example** : *Harry withdrew his name from the competition.*
- **Advance** means **to move forward** or to develop.
  - **Example** : *I have advanced my knowledge in Spanish.*
- Therefore, the antonym of Retreat is Advance.

⭐ **Additional Information**

- **Strengthen** - to become stronger.
  - **Example:** *Louis strengthened his coding skills.*
- **Promote** - to go higher.
  - **Example:** *I was promoted to the Manager of my division.*
- **Push** - to move something forward using force.
  - **Example** : *Harvey pushed Mark into the swimming pool.*

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89. Answer: d

Explanation:

The correct answer is " **but also** ".

⭐ <u>Key Points</u>

- Usually, **not only…but also** works as a **pair** like "either-or" and "neither nor".
- These conjunctions are used **to connect words or phrases** of the same grade.
  - **Example:***I have **not only** completed my homework **but also** the assignments.*
- **As well as** is used to **add some new information to the given information** and mostly the verb following as well as will be in its "-ing" form.
  - **Example :***Rita sings **as well as** composing music.*
- Therefore, but also is the appropriate replacement.

⭐ <u>Additional Information</u>

- **Along with** - used to show accompaniment.
  - **Example :***A gift came **along with** this letter.*
- **And even** - used to show importance or emphasis with the tone of surprise.
  - **Example:***Jenny went to Dubai with her friends **and even** did Skydiving.*

90. **Answer: d**

Explanation:

The correct answer is " **always** ".

⭐ <u>Key Points</u>

- **Always** means **at all times** .
  - **Example:***I **always** complete my work on time* .
- **Never** means **not at any time.**
  - **Example:***I have **never** visited Delhi.*
- Therefore, the antonym of never is always.

⭐ <u>Additional Information</u>

- **Seldom** - used in **formal situation** which means **at some times** .

- Example:*Kia **seldom** goes to the library.*
- **Rarely** - used in **writing** which means **not often.**
  - Example :*Tom uses the public transport **rarely.***
- **Sometimes** - during **certain** occasions.
  - Example :*John thinks about quitting his job **sometimes.***

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91. Answer: a

Explanation:

The correct answer is " **Biography** ".

⭐ **Key Points**

- **Biography** is an **account of a person's life** which is **written by a third person.**
- It gives a **detailed idea** to the reader about that person.
- Therefore, the word close to the given statement is Biography.

⭐ **Additional Information**

- **Autobiography** - an account of a person's life **written by himself** .
- **Biodata** - an **elaborate description** about a person including his **personal and professional details.**
- **Resume** - a **short description** about a person's **educational qualification and work history** which will only be for a page.

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92. Answer: c

Explanation:

The correct answer is " **return home** ".

⭐ **Key Points**

- In the given sentence, the **action has already happened** . That is, the cat has already drunk the milk.
- It is in the **past tense.**
  - **Example:***Jim sang well at the concert.*
- So, **"return** " should also be in the **past tense** . But, it is given in the **present tense** in the sentence.
- Therefore, the sentence should have been, "The cat drank the milk before we **returned home** ."

⭐ Additional Information

- **Past tense** can be divided into **four types.**
- **Simple Past Tense –***Tim **walked** to the market.*
- **Past Continuous Tense –***Tim **was walking** to the market.*
- **Past Perfect Tense –***Tim **had walked** to the market.*
- **Past Perfect Continuous Tense –***Tim **had been walking** to the market.*

93. **Answer: d**

Explanation:

The correct answer is " rigid ."

⭐ **Key Points**

Let us understand the implication of the correct option:

- Rigid : not able to or not wanting to change or be changed; fixed or stiff.
  - Example: *He has a rigid posture for a gymnastic.*
- Evidently, the given group of words ' **one who has fixed opinions and beliefs** ' signifies the word ' rigid '.
- Therefore, the correct one-word substitute for the given group of words is ' *rigid* '.

⭐ Additional Information

Let us have a look at the meaning f the remaining words:

- Amiable : having the intention or propensity to **please** .
- Broad-minded : happy to **accept** beliefs and ways of life that are different from your own.
- Flexible : that can be changed easily; able to **bend** or move easily without breaking.

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94. Answer: c

Explanation:

The correct answer is " **do something deliberately at a slow pace** ".

⭐ <u>Key Points</u>

Let us understand the meaning of the given idiom:

- The idiom " **drag one's feet** " means to walk slowly and wearily or with difficulty or be **deliberately** slow or **reluctant** to act.
- It refers to starting anything slowly or **refraining** from doing something you do not wish to do.
- This idiom typically refers to someone who is prepared to go cautiously and **hesitantly** because they do **not** want to accomplish something.
  - **Example** : *Stop dragging your feet and hop into the car; we have to be on time for the doctor's appointment.*
- As the word, ' **drag** ' itself portrays 'to pull somebody/something along with difficulty' so the idiom is consequently associated with this meaning.
- Therefore, the correct meaning of the given idiom is: *Do something deliberately at a slow pace.*

⭐ <u>Additional Information</u>

- **Sluggish** is the word used for someone who finds it **difficult** to walk.
- **Wounded** is the word used for someone who is **hurt** badly.
- **Limping** is the word used for someone who has a **disability** in the feet.

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95. Answer: d

Explanation:

The correct answer is " **begining** ".

⭐ <u>Key Points</u>

- The incorrectly spelled word if corrected results in the formation of the word ' beginning '.
- Let us understand the meaning of the correctly formed word:
- Beginning : the first part of something; the time when or the place where something starts.
  - Example: *I have read the book from beginning to end in a single sitting.*
- Therefore, the only incorrectly spelled word is ' *begining* '.

⭐ <u>Additional Information</u>

- The given words, 'bouncing, buying, and boxing' are correctly spelled.
- Let us take a look at the meaning of correctly spelled words:
- B ouncing : to move away quickly after it has hit a hard surface; to make a ball do this.
- B uying : to get something by paying money for it.
- Boxing : a sport in which two people fight by hitting each other with their hands inside large gloves.

96. Answer: c

Explanation:

The correct answer is " **ahead** ".

⭐ <u>Key Points</u>

- Ahead means **in front** of someone or somebody.

- ○ Example:*Sam was standing **ahead** of Mike in the queue.*
- In this context, the word filling the blank should mean **being in the front or being better** than others.
- Other similar words given in the option like '**front** ' and ' **forward** ' show only the **side** whereas " **ahead** " denotes a **position** .
- Therefore, the most appropriate answer is "ahead".

⭐ Additional Information

- **Front** - the side of an object that is most visible.
  - ○ Example :*The **front** side of the building was like a castle.*
- **Forward** - moving towards the front.
  - ○ Example :*The students were asked to push their benches **forward.***
- **Away** - being at a distance or not present at the moment.
  - ○ Example :*Mary will be **away** from the town for a week.*

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97. **Answer: c**

Explanation:

The correct answer is " **break** ".

⭐ **Key Points**

- **Break** means to take an interval.
  - ○ Example :*I want to take a **break** from my hectic schedule.*
- **Recess** though has a similar meaning is widely **used in educational and working institutions** and is comparatively for **very less time** .
  - ○ Example :*We have **recess** for 15 minutes before our next class.*
- Therefore, "break" is the most appropriate answer.

⭐ Additional Information

- **Gap** - space between two objects.
  - ○ Example:*There was a **gap** of only 2 centimetres between the cars.*
- **Blow** - an action caused because of the wind or air movement.

- ○ Example:*The **blow** of the wind was swift.*

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98. **Answer: a**

Explanation:

The correct answer is " **relaxed** ".

⭐ <u>Key Points</u>

- Let us understand the meaning of the correct option:
- **Relaxed** : having a **good** time and feeling at ease because nothing is bothering you.
  - ○ Example: *Everyone felt comfortable in society because of its relaxed environment.*
- As we can see, the passage is talking about how to live our lifepeacefully by keeping aside stress and unnecessary worries .
- From the above explanation, we can decipher that ' **relaxed** ' fit the **best** for the given sentence. As the emotion of **happiness** is **attached** to **relaxation** .
- Hence, the complete sentence is: *Do whatever makes you feel happy and relaxed.*

⭐ <u>Additional Information</u>

Let us take a look at the meaning of the remaining words:

- Patient : able to stay calm and not get angry, especially when there is a difficulty or you have to wait a long time.
  - ○ Example: *Be patient, everything will be alright.*
- Casual : suitable for informal settings, both to wear and to use.
  - ○ Example: *I have never seen her in a casual outfit.*
- Lenient : (used about punishment or person who punishes) not as strict as expected.
  - ○ Example: *They contend that domestic violence offenders receive unfairly lenient treatment by judges.*

99. Answer: a

Explanation:

The correct answer is " **company** ".

⭐ <u>Key Points</u>

- **Company** means **being with someone or something.**
    - **Example** :*My friends gave me **company** during my work trip.*
- In this passage, company denotes being along with nature.
- Therefore, the company is the most appropriate option.

⭐ <u>Additional Information</u>

- **Group** - a lot of people together in the same place.
    - **Example** :*This **group** is going for a campaign.*
- **Crowd** - a large body of people gathered together.
    - **Example** :*The **crowd** was huge during the sale.*
- **Gathering** - a group of people assembled together for an occasion.
    - **Example**:*This **gathering** is to discuss the salary increment.*

100. Answer: b

Explanation:

The correct answer is " **invaluable** ".

⭐ <u>Key Points</u>

- Let us understand the meaning of the correct word:
- **Invaluable** : Something that is invaluable has **unimaginable value** . It's inestimable.
    - Example: *This watch was a gift from my grandfather, so it is invaluable.*

- As we can see, the word " lesson " is a noun and it requires an adjective to modify it. Thus, " invaluable " is the perfect adjective that can enhance it.
  - Example: *Even though they are difficult, these obstacles teach us invaluable lessons including how to gracefully tolerate uncertainty, impatience, and disarray.*
- From the above explanation, we can decipher that ' **invaluable** ' fits the best for the given sentence. As the lessons given by **nature** are **priceless** .
- Hence, the complete sentence is: *Most of all, spend time in the company of nature to pick up some invaluable lessons.*

⭐ <u>Additional Information</u>

Let us understand the meaning of the remaining words:

- Inevitable : that cannot be avoided or prevented from happening.
  - Example: *Losing jobs was something that was inevitable.*
- Invisible : that cannot be seen ; not perceptible by eyes.
  - Example: *To the bare eye, the majority of microorganisms are invisible.*
- Innumerable : too many to be counted .
  - Example: *Innumerable issues have caused frequent delays to the program.*