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 (01-Dec-2021) (Shift 3)

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

Instructions

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

1.) A total of 90 minutes is allotted for the examination.

2.) The server will set your clock for you. In the top right corner of your screen, a countdown timer will display the remaining time for you to complete the exam. Once the timer reaches zero, the examination will end automatically. The paper need not be submitted when your timer reaches zero.

3.) There will, however, be sectional timing for this exam. You will have to complete each section within the specified time limit. Before moving on to the next section, you must complete the current one within the time limits.

General Intelligence and Reasoning

1. 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 scooters are two wheelers.

    All cycles are two wheelers.

    Conclusions:

    I. All scooters are cycles.

    II. All cycles are scooters.

    a. Only conclusion II follows

    b. Only conclusion I follows

    c. Neither conclusion I nor II follows

    d. Both conclusions I and II follow

---

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

    2, 3, 10, 39, 172, ?, 5346

    a. 693

   b. 885

    c. 743

d. 756

---

3. Chirag, firoz, Hira, Joy and Lohit are sitting in a straight line facing the north. Lohit is to the immediate right of Firoz. Chirag is to the immediate left of Joy. Only Hira is between Lohiit and Chirag. Who is at the third right place of Firoz? **(+1, -0.25)**

   a. Joy

   b. Hira

   c. Chirag

   d. Lohit

---

4. Six delivery boys, U, V, W, X, Y and Z, are standing in a row next to each other to collect their goods from the stock room. Z is to the immediate left of W. Z and Y are at the extreme ends of the row. W is exactly between Z and V. U is to the immediate left of X. Y is to the immediate right of X. Which delivery boy is at the fourth position from the right? **(+1, -0.25)**

   a. U

   b. X

   c. V

   d. W

---

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

a.

b.

c.

d.
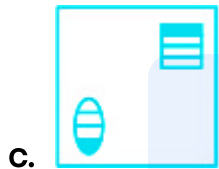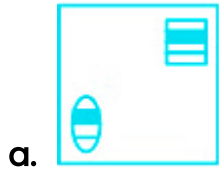
6. Select the combination of laters that when sequentially placed in the blanks of the given series will complete the series. (+1, -0.25)

V _ M R _ V _ M _ D _ K M _ D

a. K D R R V R

b. K D K R V K

c. K D K R D R

d. K D K R V R

7. 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. (15, 30, 225)

    b. (17, 34, 278)

    c. (12, 24, 144)

    d. (13, 26, 169)

---

8. Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

(+1, −0.25)

18 : 26 :: 20 : ? :: 16 : 23

    a. 41

    b. 31

    c. 29

    d. 38

---

9. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

(+1, −0.25)

TOD, UQG, VSJ, WUM, XWP, ?

    a. YZS

    b. YYT

    c. YAS

d. YYS

---

10. 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)**

BULK : YFOP :: NOTE : ?

a. OWQS

b. MLGV

c. HWRP

d. PQCH

---

11. In a certain code language, 'MISTAKE' is coded as '9765412', and 'NAKED' is coded as '84123'. How will 'INTIMATE' be coded in that language?   **(+1, -0.25)**
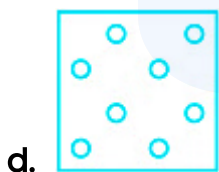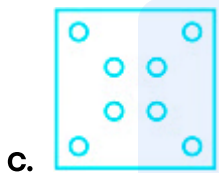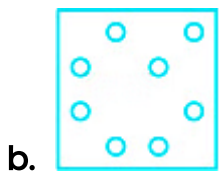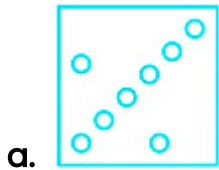
a. 78698365

b. 79438163

c. 89786145

d. 78579452

---

12. 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.

---
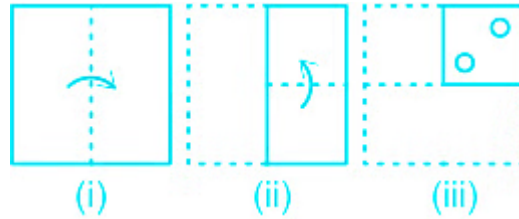
13. If 'A' denotes 'addition', 'B' denotes 'multiplication', 'C' denotes 'subtraction',   (+1, −0.25)
and 'D' denotes 'division', then what will be the value of the following
expression?

72 D 6 B 12 A 24 C 18 C (20 B 5 A 48)

a. 1

b. 3

c. 2

d. 4

---

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

19, 19, 38, 114, ?, 2280

a. 344

b. 1140

c. 456

d. 224

---

15. In a certain code language, IMPORT is written as GKRQPR. how will EXPEND   **(+1, -0.25)**
be written in that language?

a. CVRGLB

b. GCFLMF

c. CVNGLR

d. DYQFMB

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

a. RNU

b. MJQ

c. GDK

d. EBI

---

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

P

POLYNOMIAL

Q

a. POLYMONIAL (mirror image)

b. POLYNOMIAL (mirror image)

c. POLYNOMIAL (mirror image)

d. POLYNOMIAL (mirror image)

---

18. Select the set of words that is best represented by the given Venn diagram.   (+1, -0.25)

a. Engineers, Graduates, Uneducated

b. Doctors, Nurses, Human beings

c. Females, Mothers, Daughters

d. Farmers, Villagers, Literates

---

19. The average age of the employees of a company is 45 years. three employees of ages 38, 45 and 49 years resigned and three new employees of ages 42, 46 and 44 years joined. What is the average age of the employees now?   (+1, -0.25)

    a. 47 years

    b. 46 years

    c. 48 years

    d. 45 years

20. 'Earthworm' is related to 'Non-chordates' in the same way as 'Fish' is related to '_____'.   (+1, -0.25)

    a. Non-chordates

    b. Reptile

    c. Mammal

    d. Chordates

21. A is the father of D. C and D are brothers. G is the mother of B, and C is the brother of B. How is G related to A?   (+1, -0.25)

    a. Mother-in-law

    b. Sister-in-law

    c. Wife

    d. Sister

22. A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of letters will be on opposite sides? (+1, -0.25)
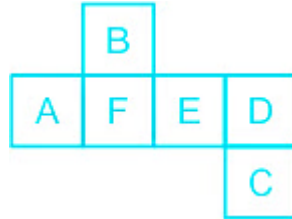
a. F and E

b. C and F

c. B and E

d. D and F

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

a.

b.

c.

d.

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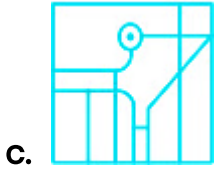
24. In a certain code language, 'CAMEL' is written as 'ECNGN' and 'HORSE' is written as 'JQSUG'. How will 'WHALE' be written in that language?   (+1, −0.25)

   a. XJBNF

   b. CIBMF

   c. YJBNG

   d. YJCNG

---

25. 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. Naughty

   2. Navy

   3. Navigate

   4. Nautical

   5. Nuptial

   a. 1, 4, 3, 2, 5

   b. 1, 4, 3, 5, 2

c. 3, 2, 1, 4, 5

d. 1, 3, 4, 2, 5

General Knowledge and General Awareness

26. Which of the following acids is injected into the skin during an ant bite?　　(+1, −0.25)

    a. Formic acid

    b. Tartaric acid

    c. Ascorbic acid

    d. Citric acid

27. Which of the following is a part of a flower?　　(+1, −0.25)

    a. Pistil

    b. Mid-rib

    c. Veins

    d. Venation

28. As of September 2021, Emmanuel Macron is the President of which country?　　(+1, −0.25)

    a. Germany

    b. Italy

    c. Greece

    d. France

29. Where was the 24 th and the last Tirthankara of Jainism, Vardhamana   (+1, −0.25)
    Mahavira born in 6 th century BC?

    a. Tamil Nadu

    b. Bihar

    c. Maharashtra

    d. Andhra Pradesh

---

30. What was the reverse repo rate in October 2020?   (+1, −0.25)

    a. 3.75%

    b. 3.35%

    c. 4%

    d. 3.5%

---

31. Which of the following days is celebrated as International Day to End   (+1, −0.25)
    Impunity for Crimes against Journalists?

    a. 5 November

    b. 2 November

    c. 3 November

    d. 4 November

---

32. 'Healthy air, Healthy Planet' was the theme of _ _ _ _ 2021.   (+1, −0.25)

a. World Ozone Day

b. International Day Of Clean Air For Blue Skies

c. World Environment Day

d. Mother Earth Day

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33. Which Section of the Indian Penal Code deals with the offence of causing miscarriage without the consent of the woman? **(+1, -0.25)**

a. Section 315

b. Section 314

c. Section 313

d. Section 312

---

34. Which of the following was one of the eight beaches to be awarded the international 'Blue Flag' certification by Foundation of Environment Education, Denmark in October 2020? **(+1, -0.25)**

a. Karwar

b. Shivrajpur

c. Gopalpur

d. Tithal

---

35. The first Indian batsman to register a triple century in test cricket was _____. **(+1, -0.25)**

   a. Rohit Sharma

   b. Suresh Raina

   c. Virender Sehwag

   d. Shikhar Dhawan

---

36. Which of the following tribes was very influential in Punjab during the thirteenth and fourteenth centuries?   **(+1, −0.25)**

   a. Janjuhas

   b. Khokhar

   c. Gakkhars

   d. Langahs

---

37. A commercial bank is required to obtain a licence for commencing banking business from the Reserve Bank of India, under the provisions of Section _____ of the Banking Regulation Act, 1949.   **(+1, −0.25)**

   a. 22

   b. 31

   c. 46

   d. 53

---

38. Which of the following countries hosted the Asian Football Cup 2019?   **(+1, −0.25)**

   a. Myanmar

b. China

c. United Arab Emirates

d. Australia

---

39. 'Lohri', a harvest festival of Punjab, is celebrated in the month of _____ every year. **(+1, −0.25)**

   a. February

   b. April

   c. December

   d. January

---

40. As of October 2020, the Government of India fixed the Minimum Support Price (MSP) for _____ cereals. **(+1, −0.25)**

   a. 5

   b. 10

   c. 12

   d. 7

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41. Which of the following is a unique feature of the Barren Islands? **(+1, −0.25)**

   a. The only active volcano in India is present here.

   b. India's largest saltwater lake exists here.

c. it is home to the primitive Asaro tribe.

d. it is an uninhabited island in the Indian Ocean.

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42. Unlike some other Harappan cities, Dholavira was divided into _ _ _ _ _ _   (+1, -0.25)
    parts, with each part surrounded by massive stone walls.

    a. three

    b. two

    c. five

    d. four

---

43. Which of the following is NOT a method of soil conservation?   (+1, -0.25)

    a. Intercropping

    b. Shelter belts

    c. Rock dam

    d. Overgrazing

---

44. Quwwat-ul-Islam mosque is situated in: (+1, -0.25)

    a. Mysuru

    b. Agra

    c. Pune

    d. Delhi

45. The Ukai dam is located on the _ _ _ _ _ river.   (+1, -0.25)

    a. Mahi

    b. Narmada

    c. Karjan

    d. Tapi

46. Which of the following types of banks operate exclusively online and do   (+1, -0.25)
NOT have any physical branch network?

    a. Shadow

    b. Commercial

    c. Neo

    d. Retail

47. Which of the following cities is famous for its ruins belonging to medieval   (+1, -0.25)
Hindu kingdom of Vijaynagara and is declared a World Heritage Site?

    a. Chikmagalur

    b. Dandeli

    c. Madikeri

    d. Hampi

48. Which of the following is a natural eco system?   (+1, -0.25)

a. Desert

b. Aquarium

c. Dam

d. Garden

---

49. Emma Raducanu defeated _ _ _ _ _ _ to win the US Open women's single (tennis) title in September 2021.   (+1, -0.25)

a. Marina Stakusic

b. Rebecca Marino

c. Mia Kupres

d. Leylah Fernandez

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50. The film ' Thalaivii ', which was released in September 2021, is the official biopic based on the life of _ _ _ _ _ .   (+1, -0.25)

a. J Jayalalithaa

b. Sheila Dixit

c. Sushma Swaraj

d. Indira Gandhi

Elementary Mathematics

51. The marked price of an article was Rs.400 but the shopkeeper offered a double discount of 25% and 15%. How much did he finally sell the article for? **(+1, −0.25)**

   a. Rs. 278

   b. Rs. 255

   c. Rs. 300.5

   d. Rs. 325

---

52. The average age of 15 students of a class is 14 years. Out of these, the average age to 6 students is 15 years and that of the other 8 students in 13 years. Find the age of the 15 th student **(+1, −0.25)**

   a. 18 years

   b. 16 years

   c. 15 years

   d. 14 years

---

53. The average of the numbers a and b, b and c, c and d are 9, 6, 4, respectively. What is the average of a and d ? **(+1, −0.25)**

   a. 4.2

   b. 6

   c. 5.5

d. 7

---

54. The difference of between two positive number x and y (x > y) is 350. If 9.5% of x is equal to 16.5% of y then the sum of the two numbers x and y is :

(+1, −0.25)

a. 1300

b. 1400

c. 1250

d. 1200

---

55. The LCM and HCF of two numbers are 60 and 5, respectively. If one of the number is divided by 2 and the quotient is 10, then find the other number.

(+1, −0.25)

a. 15

b. 20

c. 12

d. 30

---

56. 40 kg of an alloy A is mixed with 63 kg of alloy B. If alloy A has lead and tin in the ratio 2 : 3 and alloy B has tin and copper in the ratio 2 : 5, then find the amount of tin in the new alloy ?

(+1, −0.25)

a. 24 kg

b. 18 kg

c. 36 kg

d. 42 kg

---

57. Find the Simple interest on Rs. 2,400 from 20 March 2019 to 31 may 2019 at $6\frac{1}{4}$ % rate? **(+1, -0.25)**

a. Rs. 25

b. Rs. 42

c. Rs. 54

d. Rs. 30

---

58. A car runs the first 272 km at an average speed of 40 km/h and the next 85 km at an average speed of 50 km/h. What is the average speed (in km/h) for the entire journey? **(+1, -0.25)**

a. 42.5

b. 44

c. 40

d. 42

---

59. In 5 minutes, $\frac{4}{11}$ of a bucket is filled. How much time will it take to fill remaining bucket? **(+1, -0.25)**

a. 8 minutes

b. 8 minutes 45 seconds

c. 8 minutes 40 seconds

d. 8 minutes 20 seconds

---

60. If the selling price is tripled, the profit becomes four times. Find the profit percentage. **(+1, -0.25)**

    a. 50%

    b. 100%

    c. 20%

    d. 200%

---

61. The ratio of two positive numbers is 11 : 17 and their HCF is 4. Their LCM is: **(+1, -0.25)**

    a. 648

    b. 784

    c. 748

    d. 746

---

62. A shopkeeper offers a discount of 12% on a sofa-set and sells it for Rs. 17,776 What is the marked price (in Rs.) of the sofa-set? **(+1, -0.25)**

    a. 19,800

    b. 19,910

    c. 22,000

    d. 20,200

---

63. Find the compound interest (correct to decimal places) on Rs. 9,500 in 2 years at 8% per annum, the interest being compounded half-yearly. (+1, -0.25)

   a. Rs. 1,613.66

   b. Rs. 1213.50

   c. Rs. 1,532.75

   d. Rs. 1,650

64. A person sold a car for Rs. 3,80,000 and incurred a loss of 5%. To have a gain of 15%, the Selling Price of the car is: (+1, -0.25)

   a. Rs. 4,20,000

   b. Rs. 40,000

   c. Rs. 4,10,000

   d. Rs. 4,60,000

65. $\frac{1}{3\times4} + \frac{1}{4\times5} + \frac{1}{5\times6} + ... + ...\frac{1}{20\times21}$ On simplification, the given expression will give the result as: (+1, -0.25)

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

   b. $\frac{2}{7}$

   c. $\frac{3}{7}$

   d. $\frac{1}{7}$

66. The difference between the simple interest and the compound interest   **(+1, -0.25)**
compounded annually on a certain sum of money for 2 years at a rate of
8% per annum is Rs. 16.80. Find the principle amount.

   a. Rs. 2,625

   b. Rs. 2,025

   c. Rs. 2,825

   d. Rs. 2,225

67. The salary of a person is first increased by 15% and thereafter it is   **(+1, -0.25)**
reduced by 15%. What is the net change in his salary?

   a. No change

   b. Decrease, 1.5%

   c. Increase, 2.25%

   d. Decrease, 2.25%

68. Two positive numbers are in the ratio 3 : 4   If the sum of their cubes is   **(+1, -0.25)**
728, then the sum of the two number is :

   a. 16

   b. 24

   c. 15

   d. 14

69. Mohan and Ramesh can together complete a work in 15 days. Mohan is 50% more effiecient than Ramesh. The time taken by Mohan alone to complete the work is: (+1, −0.25)

   a. 20 days

   b. 32 days

   c. 25 days

   d. 22.5 days

70. A can do a work in 18 days. A and B working together can do the same work in 8 days, whereas B and C working together can do the same work in 6 days. In how many days can A, B and C working together do the same work?   (+1, −0.25)

   a. $4\frac{3}{4}$

   b. $3\frac{1}{2}$

   c. $4\frac{1}{2}$

   d. $3\frac{4}{5}$

71. P sells an article which costs him Rs. 1,200 to Q at a profit of 15%. Q then sells it to R for Rs.1,449 What is the profit percentage of Q?   (+1, −0.25)

   a. 10%

   b. 6%

   c. 7%

d. 5%

---

72. How many bricks are required to build a 21 m long, 12 m high and 36 cm thick wall, if each brick measures 28 cm × 18 cm × 6 cm? **(+1, −0.25)**

　　a. 24000

　　b. 30000

　　c. 25000

　　d. 20000

---

73. The value of $\left(3\frac{1}{5} \div \frac{2}{3} \ of \ 4\frac{1}{2}\right) + 5\frac{2}{3} \div 1\frac{2}{3} \ of \ 4\frac{1}{4} - 5\frac{1}{3} \times \frac{3}{4} \div 2\frac{2}{3}$ is: **(+1, −0.25)**

　　a. $\frac{28}{15}$

　　b. $\frac{2}{5}$

　　c. $\frac{1}{3}$

　　d. $\frac{11}{30}$

---

74. What is the ratio whose terms differ by 45 and the measure of which is $\frac{4}{7}$? **(+1, −0.25)**

　　a. 35 : 80

　　b. 50 : 95

　　c. 65 : 20

　　d. 60 : 105

---

75. Two cones have their height in the ratio of 2 : 1 and radii in the ratio of 1 : 2   **(+1, -0.25)**
find the ratio of their volumes.

    a. 4 : 3

    b. 3 : 4

    c. 1 : 2

    d. 2 : 1

76. Select the option that is closest in meaning to the underlined idiom/phrase in the given sentence.

(+1, -0.25)

The manager <u>moved heaven and earth</u> to help the factory workers who had lost their jobs.

   a. travelled to distant places

   b. did everything possible

   c. offered good advice

   d. wasted a lot of time

---

77. 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)

<u>No one are required</u> to line up for the investigation.

   a. No substitution required

   b. No one have required

   c. No one is required

   d. No one had required

---

78. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

(+1, -0.25)

Despite of being / a small girl / she fought / the bull bravely.

    a. the bull bravely

    b. a small girl

    c. she fought

    d. Despite of being

---

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

Subject (someone) to a continuous flow of questions, criticisms or information

    a. Revolt

    b. Bombard

    c. Irritate

    d. Shout

---

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

The pictures _____ the postures which you have to assume.

    a. depict

    b. decline

    c. decode

    d. decipher

---

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

    a. Affirm

    b. Charity

    c. Hittch

    d. Overall

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

Reckless

    a. Rash

    b. Queer

    c. Rational

    d. Veritable

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

Out of the blue

    a. Sorrowfully

    b. Unexpectedly

    c. Without a uniform

    d. From the sky

84. 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)

    <u>Side by side fruits</u> , Radha sells fresh flowers in the market.

    a. No improvement required

    b. Apart for fruits

    c. Altogether fruits

    d. Besides fruits

---

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

    Brighten with light

    a. Illustrate

    b. Illuminate

    c. Terminate

    d. Celebrate

---

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

    Aroma

    a. Stink

    b. Sourness

c. Stench

d. Fragrance

---

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

Impel

a. Prompt

b. Repress

c. Oblige

d. Inspire

---

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

Retard

a. Hurry

b. Choke

c. Delay

d. Cram

---

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

A vehicle used to carry a dead body

a. Hearse

b. Coffin

c. Tomb

d. Grave

---

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

    'Of Mice and Men' is a well-known _ _ _ _ _ _ by John Steinbeck.

    a. memorandum

    b. novella

    c. circular

    d. pamphlet

---

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

    The tornadoes / on the east coast / gives rise / to tsunamis .

    a. on the east coast

    b. to tsunamis

    c. gives rise

    d. The tornados

---

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

    a. Illicit

b. Eligible

c. Relevent

d. Tactics

---

93. 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)

    The teacher asked Mohit <u>that why he was</u> absent for the test.

    a. that why was he

    b. why was he

    c. No improvement required

    d. why he was

---

94. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

    (+1, -0.25)

    Last night's / Christmas party was fun. / I wish / you would come.

    a. you would come

    b. Last night's

    c. I wish

    d. Christmas party was fun

---

95. Select the most appropriate option to fill in the blank.

    (+1, -0.25)

The two parties held several _ _ _ _ _ _ during the campaigning for elections.

a. masses

b. crowds

c. rallies

d. assemblies

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)

Mount Everest, a peak in the Himalayan mountain range, is at a height of 8850 metres above sea level and is considered the (1)_ _ _ _ _ _ point on earth. While it is called Chomo-Lungma, or "Mother Goddess of the Land," (2)_ _ _ _ _ _ the Tibetans, the people of Nepal call it Sagarmatha. The British named the mountain (3)_ _ _ _ _ _ Sir George Everest, a 19 th - century British surveyor of South Asia. The Everest is believed to be over 60 billion years old. Although the first (4)_ _ _ _ _ _ to climb Mount Everest was made in 1921, it was not successful. It was on 29th May, 1953, that Edmund Hillary and Tenzing Norgay became the first men to (5)_ _ _ _ _ _ the summit of this mountain.

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

a. longest

b. maximum

c. uppermost

d. highest

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)

Mount Everest, a peak in the Himalayan mountain range, is at a height of 8850 metres above sea level and is considered the (1)_____ point on earth. While it is called Chomo-Lungma, or "Mother Goddess of the Land," (2)_____ the Tibetans, the people of Nepal call it Sagarmatha. The British named the mountain (3)_____ Sir George Everest, a 19 th - century British surveyor of South Asia. The Everest is believed to be over 60 billion years old. Although the first (4)_____ to climb Mount Everest was made in 1921, it was not successful. It was on 29th May, 1953, that Edmund Hillary and Tenzing Norgay became the first men to (5)_____ the summit of this mountain.

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

  a. with

  b. on

  c. by

  d. for

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

Mount Everest, a peak in the Himalayan mountain range, is at a height of 8850 metres above sea level and is considered the (1)_____ point on earth. While it is called Chomo-Lungma, or "Mother Goddess of the Land," (2)_____ the Tibetans, the people of Nepal call it Sagarmatha. The British named the mountain (3)_____ Sir George Everest, a 19 th - century British surveyor of South Asia. The Everest is believed to be over

60 billion years old. Although the first (4)_____ to climb Mount Everest was made in 1921, it was not successful. It was on 29th May, 1953, that Edmund Hillary and Tenzing Norgay became the first men to (5)_____ the summit of this mountain.

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

a. from

b. about

c. over

d. after

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

Mount Everest, a peak in the Himalayan mountain range, is at a height of 8850 metres above sea level and is considered the (1)_____ point on earth. While it is called Chomo-Lungma, or "Mother Goddess of the Land," (2)_____ the Tibetans, the people of Nepal call it Sagarmatha. The British named the mountain (3)_____ Sir George Everest, a 19 [th] - century British surveyor of South Asia. The Everest is believed to be over 60 billion years old. Although the first (4)_____ to climb Mount Everest was made in 1921, it was not successful. It was on 29th May, 1953, that Edmund Hillary and Tenzing Norgay became the first men to (5)_____ the summit of this mountain.

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

a. trial

b. struggle

c. test

d. attempt

---

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)

Mount Everest, a peak in the Himalayan mountain range, is at a height of 8850 metres above sea level and is considered the (1)_____ point on earth. While it is called Chomo-Lungma, or "Mother Goddess of the Land," (2)_____ the Tibetans, the people of Nepal call it Sagarmatha. The British named the mountain (3)_____ Sir George Everest, a 19th -century British surveyor of South Asia. The Everest is believed to be over 60 billion years old. Although the first (4)_____ to climb Mount Everest was made in 1921, it was not successful. It was on 29th May, 1953, that Edmund Hillary and Tenzing Norgay became the first men to (5)_____ the summit of this mountain.
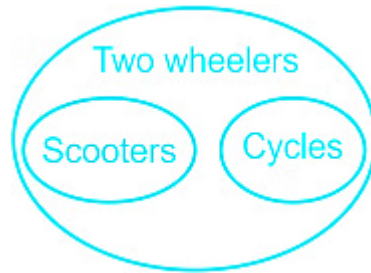
Select the most appropriate option to fill in blank no. 5.

a. gain

b. enter

c. reach

d. realise

Answers

1. **Answer: c**

   Explanation:

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

   Conclusions:

   I. All scooters are cycles → False (As All scooters are two wheelers and All cycles are two wheelers so, All scooters are cycles is false)

   II. All cycles are scooters → False (As All scooters are two wheelers and All cycles are two wheelers so, All cycles are scooters is false)
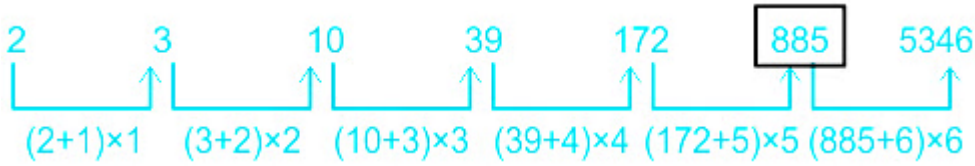
   ∴ Here, Conclusions I and II are false and cannot be determined according to given statement.

   Hence, the correct answer is **"Neither conclusion I nor II follows"**.

2. **Answer: b**

   Explanation:

   The logic followed here is :-

$(2+1)\times1$ $(3+2)\times2$ $(10+3)\times3$ $(39+4)\times4$ $(172+5)\times5$ $(885+6)\times6$

Hence, the correct answer is **"885"**.

---

3. Answer: c

Explanation:

The logic followed here is :-

Chirag, firoz, Hira, Joy and Lohit are sitting in a straight line facing the north.

1) Only Hira is between Lohit and Chirag and Lohit is to the immediate right of Firoz and Chirag is to the immediate left of Joy.

∴ Here, 'Chirag' is at third right place of Firoz.

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

---

4. Answer: c

Explanation:

Six delivery boys, U, V, W, X, Y and Z, are standing in a row next to each other to collect their goods from the stock room.

1) Z is to the immediate left of W and Z and Y are at the extreme ends of the row.

2) W is exactly between Z and V.

3) U is to the immediate left of X and Y is to the immediate right of X.

∴ Here, 'V' is standing at fourth position from right in the row.

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

---

5. **Answer: c**

Explanation:

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

- The square box moves one step in anti-clockwise and darken part is moves one step upwards with in square box from figure to figure.
- The oval shape moves one step anti-clockwise and darken part is moves one step downwards with in oval shape from figure to figure.
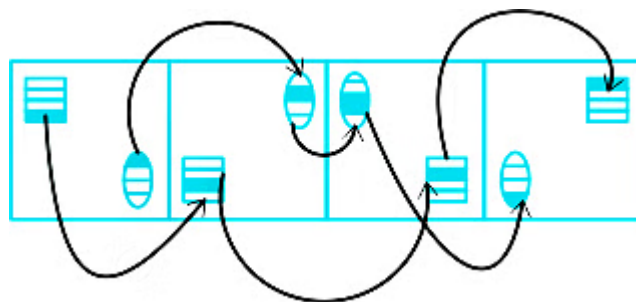
Hence, the correct answer is **"Option 3"**.

---

6. **Answer: d**

Explanation:

Given :- V _ M R _ V _ M _ D _ K M _ D

By checking options and substituting accordingly.

1) K D R R V R → V **K** M R **D** V **R** M **R** D **V** K M **R** D

2) K D K R V K → V **K** M R **D** V **K** M **R** D **V** K M **K** D

3) K D K R D R → V **K** M R **D** V **K** M **R** D **D** K M **R** D

4) K D K R V R → V **K** M R **D -** V **K** M **R** D **-** **V** K M **R** D

- Here **"VKMRD"** is repeated.
- Option (4) gives the pattern of :- V K M R D - V K M R D - V K M R D

Hence, the correct answer is **"K D K R V R"**.

---

7. **Answer: b**

Explanation:

The logic followed here is :-

Second number = First number × 2

Third number = First number ^{2}

1) (15, 30, 225) → (15, 15 × 2, 15^2) = (15, 30, 225)

2) (17, 34, <u>278 </u>) → (17, 17 × 2, 17^2) = (17, 34, <u>289 </u>)

3) $(12, 24, 144) \rightarrow (12, 12 \times 2, 12^2) = (12, 24, 144)$

4) $(13, 26, 169) \rightarrow (13, 13 \times 2, 13^2) = (13, 26, 169)$

∴ Here, (17, 34, 278) is different from other three alternatives.

Hence, the correct answer is **"(17, 34, 278)"**.

---

8. **Answer: c**

Explanation:

The logic followed here is

(First number ÷ 2) × 3 – 1 = Second number

$(18 \div 2) = 9 \Rightarrow 9 \times 3 = 27 \Rightarrow 27 - 1 = 26$

And

$(16 \div 2) = 8 \Rightarrow 8 \times 3 = 24 \Rightarrow 24 - 1 = 23$

Similarly,

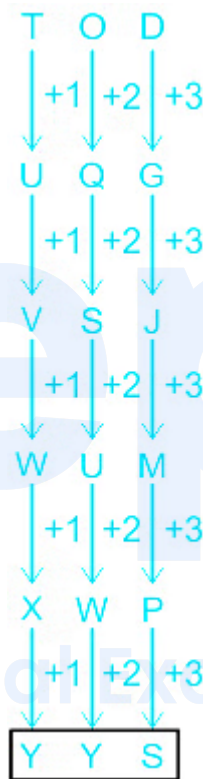$(20 \div 2) = 10 \Rightarrow 10 \times 3 = 30 \Rightarrow 30 - 1 = 29$

Hence, the correct answer is **"29"**.

---

9. **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 :-


```
T   O   D
│+1 │+2 │+3
↓   ↓   ↓
U   Q   G
│+1 │+2 │+3
↓   ↓   ↓
V   S   J
│+1 │+2 │+3
↓   ↓   ↓
W   U   M
│+1 │+2 │+3
↓   ↓   ↓
X   W   P
│+1 │+2 │+3
↓   ↓   ↓
Y   Y   S
```

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

---

10. **Answer: b**

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 :-

The letter of given word represents it's opposite letters.

BULK : YFOP
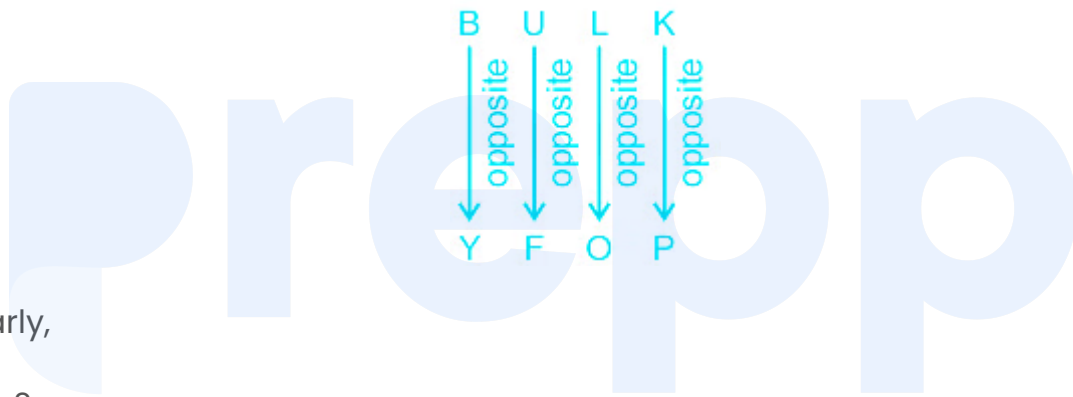
Similarly,

NOTE : ?
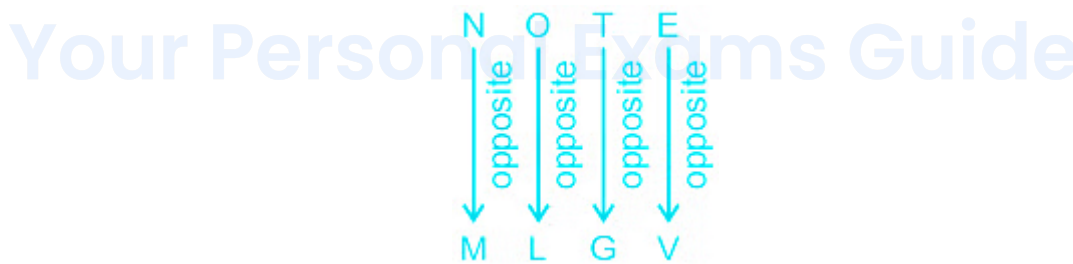
Hence, the correct answer is **"MLGV"**.

---

11. **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 :-

'MISTAKE' is coded as '9765412'.

And

'NAKED' is coded as '84123'.

Similarly,

'INTIMATE' will be coded as :

Hence, the correct answer is **"78579452"**.

---

12. **Answer: c**

Explanation:

After unfolding the given paper the figure formed is as shown below :-
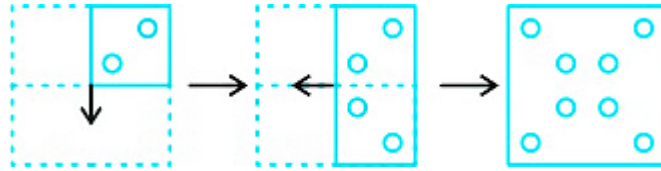
Hence, the correct answer is **"Option 3"**.

---

13. Answer: c

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 (−)

The given information is :

Alphabets	Symbols
A	+
B	×
C	–
D	÷

Given expression is :- 72 D 6 B 12 A 24 C 18 C (20 B 5 A 48)

After replacing the alphabets with symbols in given expression the equation is as follows : 72 ÷ 6 × 12 + 24 – 18 – (20 × 5 + 48)

= 72 ÷ 6 × 12 + 24 – 18 – (**20 × 5**+ 48)

= 72 ÷ 6 × 12 + 24 – 18 –**(100 + 48)**

= **72 ÷ 6** × 12 + 24 – 18 – 148

= **12 × 12**+ 24 – 18 – 148

= **144 + 24**– 18 – 148

= 168**– 18 – 148**

=**168 – 166**

= **2**

Hence, the correct answer is **"2"**.

---

14. **Answer: c**

Explanation:

The logic followed here is :-

Hence, the correct answer is **"456"**.

---

15. **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 :–

First two letters of given word is subtracted −2.

Next two letters of given word is added +2 and it is repeated.

IMPORT is written as GKRQPR.
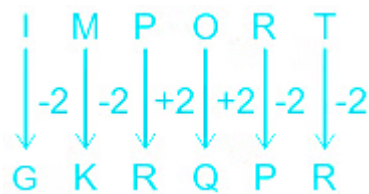
Similarly,
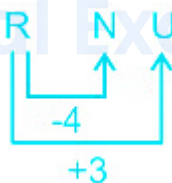
EXPEND will be written as :

E   X   P   E   N   D

| -2 | -2 | +2 | +2 | -2 | -2 |
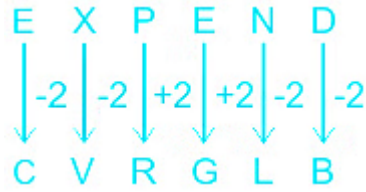
C   V   R   G   L   B

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

---

16. **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 :-
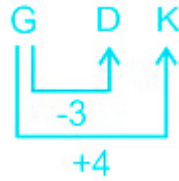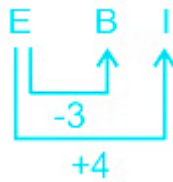
1) RNU

R   N   U
-4
+3

2) MJQ

M   J   Q
-3
+4
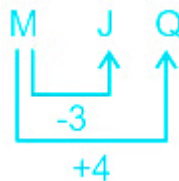
3) GDK

4) EBI

∴ Here, RNU is different from other three alternatives.

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

---

17. **Answer: c**

Explanation:

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

Detailed Explanation:

- The line PQ is mirror.
- The word "POLYNOMIAL" ends with letter "L". So, the mirror image will start with "

" ⇒ Option 2, 4 are eliminated.

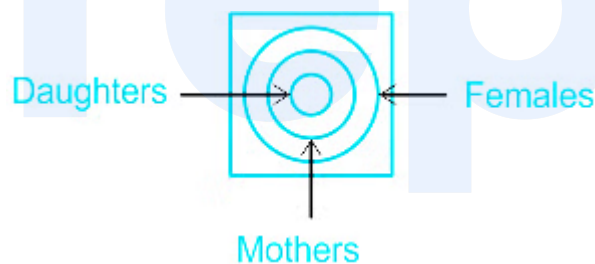- The word " POLYNOMIAL" has last fourth letter "M". So, the mirror image will be "M" ⇒ Option 1 is eliminated.

Hence, the correct answer is **"option 3"**.

---

18. Answer: c

Explanation:

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

- All Daughters are Mothers.
- All Mothers are Females.

Hence, the correct answer is **"Females, Mothers, Daughters"**.

---

19. Answer: d

Explanation:

The logic followed here is :-

Number of employees in a company = X

Given the average age of the employees of a company is 45 years = 45X

Three employees of ages 38, 45 and 49 years resigned = 45X - (38 + 45 + 49)

The average age of employees in company after three employees resigned = 45X - 132

But,

Here, the three new employees of ages 42, 46 and 44 years joined.

∴ The average age of employees in a company = 45X - 132 + (42 + 46 + 44)

The average age of employees in a company = 45X - 132 + 132

The average age of employees in a company = 45X

∴ Here, the average age of employees in a company = 45 years

Hence, the correct answer is **"45 years"**.

---

20. **Answer: d**

Explanation:

The logic followed here is :-

Earthworm is animal without notochord comes under Non-chordates species.

Similarly,

Fish is animal with backbone comes under chordates species.

Word	Meaning
Chordates	These are vertebrates or animals with backbone
Non-chordates	These are animals without a notochord
Reptile	These are air-breathing, cold-blooded vertebrates that have scaly bodies rather than hair or feathers.
Mammal	These are animals of warm-blooded higher vertebrates.

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

---

21. Answer: c

Explanation:

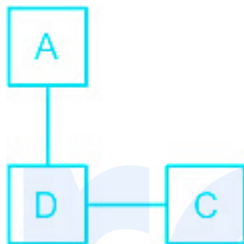Preparing the family tree using the following symbol:

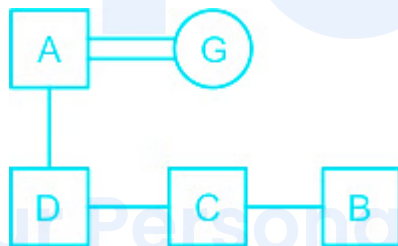| Symbol in Diagram	Meaning
○	Female
□	Male
═══	Married Couple
───	Siblings
│	Difference of A Generation

Family Tree :-

1) A is the father of D.

2) C and D are brothers.

3) C is the brother of B and G is the mother of B.

∴ Here, G is the wife of A.

Hence, the correct answer is **"Wife"**.
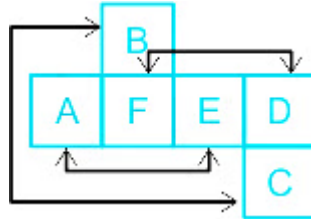
---

22. **Answer: d**

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 :
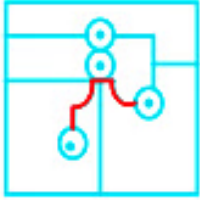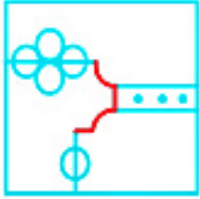
1) F and E → They are adjacent to each other.

2) C and F → They are adjacent to each other.

3) B and E → They are adjacent to each other.

4) D and F → They are opposite to each other.

Hence, the correct answer is **"D and F"**.

---

23. **Answer: d**

Explanation:

The image not embedded in given figure 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".**

24. **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 two and last two letter of given 5 letter word are added +2.

Middle letter or third letter of given 5 letter word is added +1.

'CAMEL' is written as 'ECNGN'.

```
C    A    M    E    L
+2 | +2 | +1 | +2 | +2 |
↓    ↓    ↓    ↓    ↓
E    C    N    G    N
```

And
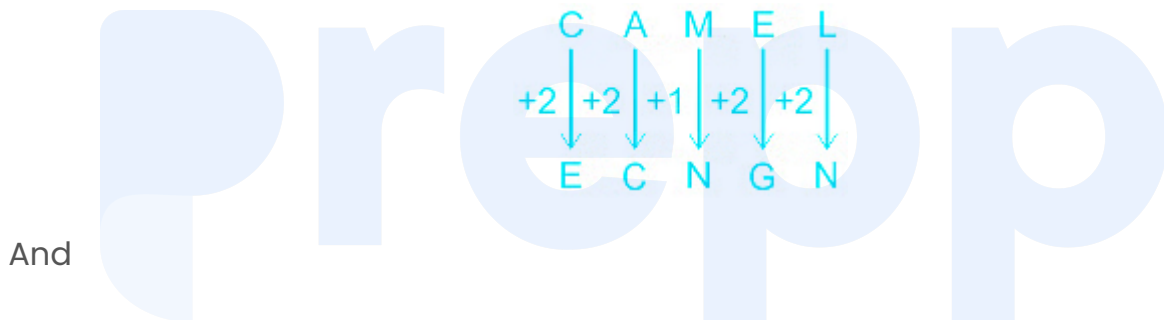
'HORSE' is written as 'JQSUG'.

```
H    O    R    S    E
+2 | +2 | +1 | +2 | +2 |
↓    ↓    ↓    ↓    ↓
J    Q    S    U    G
```
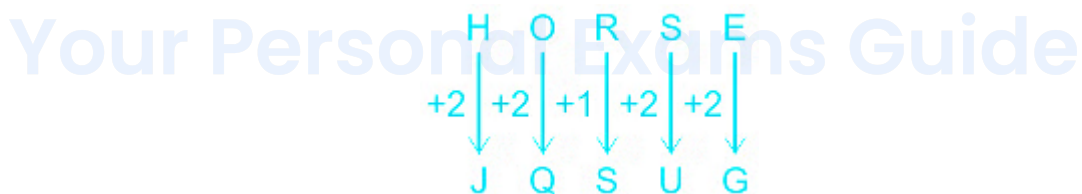
Similarly,

'WHALE' will be written as :

```
W    H    A    L    E
+2 | +2 | +1 | +2 | +2 |
↓    ↓    ↓    ↓    ↓
Y    J    B    N    G
```
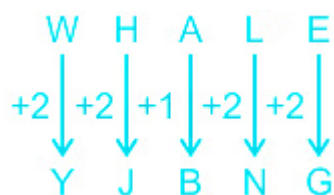
Hence, the correct answer is **"YJBNG"**.

25. **Answer: a**

Explanation:

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

1. **Nau g**hty

4. **Na u**tical

3. **Nav i**gate

2. **Na**vy

5. **Nu**ptial

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

26. **Answer: a**

Explanation:

The correct answer is Formic acid.

⭐ Key Points

- Formic Acid   is injected into the skin during an ant bite.
- It is the common name of Methanoic Acid.
- Formic acid is the simplest carboxylic acid.
- Molecular Formula: HCOOH or CH_2O_2.
- Formic acid appears as a colorless liquid with a pungent odor.
- The word "formic" comes from the Latin word ' formica ', meaning ant , referring to its early isolation by the distillation of ant bodies.
- In nature, formic acid is found in most ants and in stingless bees.

⭐ Additional Information

Name of the acid	Source of the acid
Formic acid	The sting of bees and red ants
Lactic acid	Curd
Oxalic acid	Tea and tomatoes
Tartaric acid	Grapes, tamarind, gooseberries.

---

27. **Answer: a**

Explanation:

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

⭐ **Key Points**

- The pistils are the female reproductive organ of the flower.
- They are usually located in the centre of the flower.
- It is having 3 parts;
    - Stigma- It is the sticky knob at the top of the pistils where pollen germinates.
    - Style- It is a long tube-like structure. Stigma is attached to the style of the pistil.
        - The style leads to the ovary that contains the female egg cells called ovules.
    - Ovary - It is the enlarged basal portion of the pistil where ovules are produced.

⭐ **Additional Information**

- Stamens:
- The stamen is the male reproductive organ of the flower.
- It is having 2 parts:

- Anthers - It is a two-lobed structure that contains microsporangia for the production of pollen grains.
- Filaments - It is a long stalk-like structure that connects the base of the flower with an anther.

- Petals are the coloured part of the flowers that give them a unique shape.
- Sepals are leaf-like structures attached to the outside of the flower.

---

28. Answer: d

Explanation:

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

⭐ <u>Key Points</u>

- France has picked Emmanuel Macron for five more years as the country's President.
- This is the first time that a governing leader of the Fifth Republic , which has been the political system since 1958, has been re-elected.
- He has been serving as the President of France since 2017.
- At the age of 39, he became the youngest President in French history.

⭐ <u>Additional Information</u>

- France, in Western Europe, encompasses medieval cities, alpine villages and Mediterranean beaches.
    - Capital: Paris
    - President: Emmanuel Macron
    - Prime minister: Élisabeth Borne
    - Currencies: Euro, CFP franc
    - Official language: French

---

29. Answer: b

Explanation:

The correct answer is **Bihar .**

⭐ **Additional Information**

- Mahavira was the 24th Tirthankara of Jainism.
- **Vardhamana** is the original name of Lord Mahavira.
- He was born in 599 BCE in Kundagrama near **Vaishali in Bihar.**

⭐ **Additional Information**

- Vardhamana was a Kshatriya prince of the Lichchhavis.
- He left home and went to live in a forest at the age of 30.
- Followers of Mahavira, who were known as Jainas.
- The language used by Mahavira and his followers was the Prakrit language.
- He died in 527 BCE at Pawapuri.

---

30. **Answer: b**

Explanation:

The correct answer is 3.35% .

⭐ **Key Points**

- Reverse Repo Rate is the rate at which RBI borrows money from commercial banks within the country.
  - Reverse repo rate in **October 2020 is 3.35 percent.**
- Repo Rate at which RBI lends money to commercial banks in the event of any shortfall of funds.
  - Repo Rate in October 2020 is 4% .

⭐ **Important Points**

Key Differences between Repo Rate and Reverse Repo Rate :

Repo Rate	Reverse Repo Rate
Always higher than the RR Rate	Comparatively less than Repo Rate
Fulfill the deficiency of funds	Ensure the liquidity in the economy
Monetary tool for controlling the Inflation	Monetary tool for controlling the supply of money in the economy.

⭐ **Additional Information**

RBI Repo Rate 19 Sep 2022

Repo Rate	5.40%
Bank Rate	5.15%
Reverse Repo Rate	3.35%
Marginal Standing Facility Rate	5.15%

31. Answer: b

Explanation:

The correct answer is 2 November.

⭐ **Key Points**

- November 2 is observed as the International Day to End Impunity for Crimes against Journalists.
- The date was chosen by the UN in commemoration of the assassination of two French journalists in Mali on 2 November 2013.
- Between 2006 and 2020, over 1,200 journalists have been killed for reporting the news and bringing information to the public.

⭐ **Additional Information**

- The United Nations General Assembly proclaimed 2 November as the 'International Day to End Impunity for Crimes against Journalists' in General Assembly Resolution A/RES/68/163.
- The Resolution urged Member States to implement definite measures countering the present culture of impunity.
- This landmark resolution condemns all attacks and violence against journalists and media workers.
- It also urges Member States to do their utmost to prevent violence against journalists and media workers , to ensure accountability, bring to justice perpetrators of crimes against journalists and media workers.

Dates	Important Days
1 November	World Vegan Day, All Saints' Day, Rajyotsava Day (Karnataka Formation Day)
2 November	All Souls' Day
5 November	World Tsunami Awareness Day
6 November	International Day for Preventing the Exploitation of the Environment in War and Armed Conflict
7 November	Infant Protection Day, National Cancer Awareness Day
9 November	Iqbal Day, Legal Services Day
10 November	World Science Day
11 November	Armistice Day (Remembrance Day), National Education Day
12 November	World Pneumonia Day, Guru Nanak Dev's Birth Anniversary
13 November	World Kindness Day
14 November	World Diabetes Day, Children's Day
16 November	International Day for Tolerance
17 November	National Epilepsy Day

19 November	International Men's Day, World Toilet Day
20 November	Universal Children's Day, Africa Industrialisation Day
21 November	World Television Day, World Day of Remembrance for Road Traffic Victims
25 November	International Day for the Elimination of Violence against Women
26 November	Constitution Day of India
29 November	International Day of Solidarity with Palestinian People

32. Answer: b

Explanation:

The correct answer is **International Day Of Clean Air For Blue Skies.**

⭐ **Key Points**

- "Healthy Air, Healthy Planet" is the theme for observance of the International Day of Clean Air for Blue Skies 2021 .
- September 7 is celebrated annually as the International Day of Clean Air for Blue Skies.
- 2020 marked the first international observance of the Day with the theme "Clean Air for All."

⭐ **Additional Information**

Date	Days
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.

33. Answer: c

Explanation:

The correct answer is Section 313.

⭐ Key Points

- **Section 313:** Causing miscarriage without woman's consent.
- IPC Section 313:
  - Whoever commits the offence defined in the last preceding section without the consent of the woman, whether the woman is quick with child or not, shall be punished with 1 [imprisonment for life], or with imprisonment of either description for a term which may extend to ten years, and shall also be liable to fine.

⭐ Additional Information

- IPC Section 307: Attempt to murder.
- IPC Section 304: Causing death by negligence.
- IPC Section 315: Act done with intent to prevent a child being born alive or to cause it to die after birth.

---

34. Answer: b

Explanation:

The correct answer is **Shivrajpur** .

⭐ **Key Points**

- **Eight Indian** beaches have been awarded the prestigious 'Blue Flag' certification by an international jury comprising members of the following organizations:
    - The International Union for Conservation of Nature (IUCN).
    - World Tourism Organization (UNWTO).
    - United Nations Environment Programme (UNEP).
    - Foundation for Environmental Education (FEE).

Beaches	States
Padubidri	Karnataka
Kasarkod	Karnataka
Rushikonda	Andhra Pradesh
Shivrajpur	Gujarat
Golden/ Puri beach	Odisha
Ghogha	Diu
Radhanagar	Andaman & Nicobar Islands
Kappad	Kerela

Hence Shivrajpur is not one of them.

⭐ Additional Information

- The 'Blue Flag' certification :
  - It is a certification that is given to a beach, marina, or sustainable boating tourism operator .
  - It also serves as an eco-label .
  - The certification indicates their high environmental and quality standards .
  - It is awarded by the Foundation for Environmental Education, an NGO based in Denmark .
  - It puts strict environmental, educational, safety-related & access-related parameters that applicants must achieve and maintain.
  - It was instituted in France in 1985 and for nations out of Europe in 2001 .
  - It is awarded annually to beaches of FEE member countries .
  - Forty-seven countries currently participate in this program. 4,671 beaches, marinas, and boats have this certification (as of January 2021).
  - It promotes sustainable development in freshwater & marine areas.

35. **Answer: c**

Explanation:

The correct answer is <u>Virender Sehwag.</u>

⭐ <u>Key Points</u>

- The first Indian batsman to register a triple century in test cricket was **Virender Sehwag.**
    - It was on **March 29, 2004**, when Virender Sehwag became the first Indian batsman to score a triple century in the longest format of the game.
    - He achieved the feat **against Pakistan at Multan.**
- Virender Sehwag scored his maiden double-century in an ODI at Indore in the year 2011.
    - He became the second batsman to score a double century in ODIs.
    - He scored 219 runs against West Indies at the Holkar Cricket Stadium in Indore.

⭐ <u>Additional Information</u>

- Rohit Sharma is the highest individual run score in the ODIs.
    - His highest score is 2 64 runs.
    - He is the only player who has scored 3 double centuries in One-day International matches.
- **Suresh Raina** is a former Indian international cricketer.
- **Shikhar Dhawan** is an Indian cricketer.

36. **Answer: b**

Explanation:

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

⭐ Key Points

- The Khokhar tribe was very influential during the thirteenth and fourteenth centuries.
- The Khokhar tribes are found in Punjab.
- It is a Punjabi Muslim community currently residing in adjoining areas of India and Pakistan.
- They converted to Islam under the influence of Baba Fariduddin Ganjshakar.

⭐ Additional Information

- **The Janjua** (also spelt janjua, Junjua, Janjuah) is a Rajput clan found predominantly in Pakistan's Punjab Pothohar Plateau.
- **The Gakhar** is a tribe of Punjabi Muslims found predominantly in the Jhelum District and Gujranwala District in Punjab province of Pakistan.
- **The Langha** are a Muslim community found in the states of Rajasthan and Gujarat in India.

---

37. Answer: a

Explanation:

The correct answer is 22.

⭐ Key Points

- A **commercial bank** is required to obtain a licence for commencing banking business from the Reserve Bank of India, under the provisions of **Section 22 of the Banking Regulation Act, 1949.**
- Commercial banks are those banks which offer their services to the general public, manufacturers, traders, companies etc.
- They work for their own profit.
- Commercial bank with more than 10 branches have to appoint Internal Ombudsman.
- Commercial banks are insured by DICGC (Deposit Insurance & Credit Guarantee Corporation of India), up to 5 lakh rupees.

- Earlier it was one lakh but from **January 2020 it is five lakh.**

⭐ <u>Additional Information</u>

Banking Regulation Act, 1949.

- This act is responsible for the regulations of all banking firms in India .
- This act gives power to RBI to give license to banks.

Some of the important sections of this act are:

- Section 11: Requirement as to minimum paid-up capital and reserves
- Section 12: Regulation of paid-up capital, subscribed capital and authorized capital and voting rights of shareholders
- Section 22(1): Licensing of banking companies
- Section 44A: Procedure for amalgamation of banking companies.

---

38. **Answer: c**

Explanation:

The correct answer is <u>United Arab Emirates.</u>

⭐ <u>Key Points</u>

- The 17 th AFC (Football) Asian Cup of 2019 was held in UAE (United Arab Emirates).
- The winner of this tournament was Qatar and the runner-up was Japan.
- This was the first time Qatar had won the tournament.

⭐ <u>Additional Information</u>

- AFC stands for Asian Football Confederation.
- It was founded in 1954 and its headquarters was in Kuala Lumpur, Malaysia .
- The 18th AFC Cup 2023 will be held in China .

---

39. Answer: d

Explanation:

The correct answer is January

⭐ Key Points

- Lohri, the bonfire harvest festival of Punjab celebrated in the month of Magh, is symbolic of new beginnings .
- The festival is celebrated every year on January 13 with much enthusiasm and zeal.
- It is primarily the harvest festival of the Punjabis .
- This festival denotes the harvesting of the Rabi crops and hence all the farmers get together in order to thank god for giving them such a wonderful harvest.
- The rituals related to Lohri symbolize the attachment of the people with Mother Nature .

⭐ Additional Information

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

40. Answer: d

Explanation:

The correct answer is 7.

⭐ **Key Points**

- As of October 2020, the Government of India fixed the Minimum Support Price (MSP) for **7 cereals.**
- The Centre currently fixes MSPs for 23 crops and these are as follows -
    - 7 cereals – paddy, wheat, maize, bajra, jowar, ragi and barley
    - 5 pulses – chana, arhar/tur, urad, moong and masur.
    - 7 oilseeds – rapeseed-mustard, groundnut, soya bean, sunflower, sesamum, safflower and nigerseed.
    - 4 commercial crops – cotton, sugarcane, copra and raw jute.

⭐ **Additional Information**

- Minimum Support Price (MSP)
    - It is a form of market intervention by the Government of India to insure agricultural producers against any sharp fall in farm prices.
    - The minimum support prices are announced by the Government of India at the beginning of the sowing season for certain crops on the basis of the recommendations of the Commission for Agricultural Costs and Prices (CACP).
    - MSP is a price fixed by the Government of India to protect the producer - farmers - against excessive falls in price during bumper production years.
    - The minimum support prices are a guaranteed price for their produce from the Government.

---

41. **Answer: a**

Explanation:

The correct answer is **The only active volcano in India is present here.**

⭐ **Key Points**

- Barren Island

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- Barren Island is an island located in the **Andaman Sea.**
- **The only active volcano in India is present here.**
- It is the only confirmed active volcano in the Indian subcontinent.
- The first recorded eruption of the volcano dates back to 1787.
- This volcanic island stands in the midst of a volcanic belt on the edge of the Indian and Burmese tectonic plates.

⭐ Additional Information

- Andaman and Nicobar Islands
  - It is a union territory of India consisting of **572 islands, of which 38** are inhabited, at the junction of the Bay of Bengal and the Andaman Sea.
  - The territory is about **150 km north of Aceh in Indonesia** and separated from Thailand and Myanmar by the Andaman Sea.

42. **Answer: a**

Explanation:

The correct answer is **three.**

⭐ Key Points

- Dholavira was divided into **three parts,** and each part was surrounded by **massive stone walls,** with **entrances through gateways.**
- It was located on **Khadir Beyt** (also spelt as Bet) in the Rann of Kutch, where there was **fresh water and fertile soil.**
- It is one of the five largest Harappan sites and the most prominent of archaeological sites
- It is connected by an umbilical cord of a road that streaks across to the mainland.
- Dholavira was divided into three principal divisions-
  - the Citadel,
  - the Middle Town and
  - the Lower town.
- It is also considered as having been the grandest of cities of its time.

⭐ <u>Additional Information</u>

- Harappan civilization
  - Harappan civilization is also called as Indus Valley Civilization (IVC).
  - John Marshall was the first researcher to use the term, 'Indus Valley Civilization'.
  - Indus Valley Civilization (IVC) is one of the four great civilizations of the world.
  - It flourished along the flood plains of Indus and Ghaggar-Hakra.
  - It was spread across the western part of South Asia that now lies in India, Pakistan and Afghanistan.
  - Indus Valley Civilization spread from the year 2500 – 1750 BC according to radio-carbon dating.
  - The capital cities were Mohenjodaro and Harappa.

43. **Answer: d**

Explanation:

The correct answer is <u>**Overgrazing** .</u>

⭐ <u>Important Points</u>

Some other methods of soil conservation are:

- Mulching:
  - A covering of organic materials, such as straw, is applied to the bare ground between plants.
  - It helps to retain soil moisture.
- Rock dam:
  - Rocks are piled up to slow the flow of water.
  - This prevents gullies and further soil loss.
- Contour barriers:
  - Along contours, stones, grass, and soil are used to create barriers.
  - To collect water, trenches are dug in front of the barriers.
- Intercropping:

- - Various crops are cultivated in alternate rows and sowed at different times to protect the soil from rainwash.
  - Contour ploughing:
    - Ploughing parallel to the contours of a hill slope creates a natural barrier for water to flow down the slope.
  - Shelterbelts:
    - Rows of trees are planted in coastal and dry regions to reduce wind movement and protect soil cover.
  - Terrace farming   is a method of soil conservation.
    - It is a method of soil conservation that is practised on hilly terrain.
    - On steep slopes of a hill, broad flat steps or terraces are built so that level surfaces can be used to cultivate crops.
    - They reduce surface runoff and soil erosion.
  - **Hence overgrazing is not the method to conserve soil.**

---

44. Answer: d

Explanation:

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

⭐ <u>Key Points</u>

- Quwwat-ul-Islam Mosque:-
  - It is in the Qutb Minar enclosure of Delhi.
  - The initial construction was built by **Qutb-ud-din Aibak.**
  - It is built of red sandstone, grey quartz, and white marble.
  - The expansion of the mosque continued after the death of Qutb.
  - Just to the west of the expanded mosque, Iltutmish built his own tomb, the first to be erected for the Delhi Sultanate.

⭐ <u>Additional Information</u>

<u>Qutb-ud-Din Aibak</u>

- He founded the Slave dynasty as well as the Delhi Sultanate.

- He assumed the title of Sultan and made Lahore his capital.
- Aibak patronized the great scholar Hasan Nizami.
- He also started the construction of Qutub Minar after the name of a famous Sufi saint Khwaja Qutbuddin Bakthiyar. It was later completed by Iltutmish.

---

45. Answer: d

Explanation:

The correct answer is Tapi.

⭐ Key Points

- **The Ukai Dam** is located across Ukai river which is a tributary of the Tapti /Tapi river in the Tapi district of Gujarat.
- The dam was completed in the year 1972 .
- The length of the dam is **4962 m** and has a catchment area of **around 62000 Sq.km.**
- This dam is also known as **Vallabh Sagar.**
- It is meant for Irrigation, Flood control, and Power Generation.

 Major Dams and their locations

⭐ Additional Information

Dams	Rivers	State
Sardar Sarovar Dam	Narmada	Gujarat
Indira Sagar Dam	Narmada	Gujarat
Hirakud	Mahanadi	Odisha
Govind Ballabh Pant Sagar Dam / Rihand dam	Uttar Pradesh	Rihand (Ganga)
Tehri Dam	Uttarakhand	Bhagirathi (Ganga)

46. **Answer: c**

Explanation:

The correct answer is **Neo.**

⭐ **Key Points**

- A neobank is a kind of digital bank without any branches.
- Rather than being physically present at a specific location, neobanking is entirely online.
- Neobanks are financial institutions that give customers a cheaper alternative to traditional banks.
- They leverage technology and artificial intelligence to offer personalised services to customers while minimising operating costs.
- Neobanks entered the financial system with the tag of 'challenger banks' because they challenged the complex infrastructure and client onboarding process of traditional banks.

⭐ **Additional Information**

- In India, these firms don't have a bank licence of their own but rely on bank partners to offer licensed services.
- That's because the RBI doesn't allow banks to be 100% digital yet.
- The RBI remains resolute in prioritising banks' physical presence, and has spoken about the need for digital banking service providers to have some physical presence as well.
- RazorpayX, Jupiter, Niyo, Open,etc are the examples of top Neobanks of India.

47. **Answer: d**

Explanation:

The correct answer is

<u>Hampi</u>.

⭐

<u>Key Points</u>

- **Hampi** is famous for its ruins belonging to medieval Hindu kingdom of Vijaynagara and is declared a World Heritage Site.
- Hampi is currently located in <u>Karnataka</u> state and it is UNESCO World Heritage site.
- Colonel Colin Mackenzie was Engineer and cartographer .
- He prepared the first survey map of the Hampi site .

⭐ <u>Additional Information</u>

<u>Additional details about the Vijayanagar Empire:</u>

Dynasty	Founder	Period	Other Information
Sangama	Harihara and Bukka	1336-1485	Deva Raya II was the greatest ruler of the Sangama dynasty
Saluva	Saluva Narsihma	1485-1505	By ending the Sangama dynasty Saluva Narasimha came to power.
Tuluva	Vira Narasimha	1505-1570	Krishna Deva Raya belonged to the Tuluva dynasty
Aravidu	Tirumala	1570-1650	It was last dynasty of Vijayanagara Empire

48. **Answer: a**

Explanation:

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

⭐ <u>Key Points</u>

- A **natural ecosystem** is a community of living and non-living entities and occurs freely in nature.
- Every component interacts together as a combined unit through **physical, chemical and biological processes.**
- The discriminating factor of natural ecosystems from other ecosystems is that they are completely natural.
    - Grassland Ecosystems.
    - Tropical Rainforest Ecosystems.
    - Temperate Forest Ecosystems.
    - Taiga Ecosystems.
    - **Desert Ecosystems.**
    - Tundra Ecosystems.
    - Freshwater Ecosystems.
    - Marine Ecosystems.

⭐ <u>Additional Information</u>

- An ecosystem forms the basic building block of an environment.
- It consists of both biotic and abiotic components and their continuous interactions with each other.
- Ecosystems can broadly be classified into two types, namely:
    - Natural ecosystem – naturally occurring
    - Artificial ecosystem – man-made ecosystems

---

49. **Answer: d**

Explanation:

The correct answer is<u>Leylah Fernandez.</u>

⭐ <u>Key Points</u>

- **Emma Raducanu defeated Leylah Fernandez** to win the US Open women's single (tennis) title in September 2021.
- She has been voted **BBC Sports Personality of the Year 2021.**
- She has become the third WTA (Women's Tennis Association) player to win the award in its 67-year history.
- **Raducanu became the first British woman to win a Grand Slam singles title after defeating Leylah Fernandez** in the Flushing Meadows final in September 2021.

⭐ <u>Additional Information</u>

- **Marina Stakusic** is a Canadian tennis player.
- **Rebecca Catherine Marino** is a Canadian professional tennis player.
- **Mia Kupres** is a tennis player from Canada.

---

50. **Answer: a**

Explanation:

The correct answer is <u>J Jayalalithaa.</u>

⭐ <u>Key Points</u>

- **The film ' Thalaivii '**, which was released in September 2021, is the official biopic based on the life of **J Jayalalithaa.**
- Jayaram Jayalalithaa is an Indian politician and actress.
- Between 1991 and 2016, she held the position of Chief Minister of Tamil Nadu six times.
- On May 23, 2016, J Jayalalithaa, the leader of the AIADMK, took her sixth oath of office as Tamil Nadu's chief minister.

- She assumed the position of general secretary of the All India Anna Dravida Munnetra Kazhagam on February 9, 1989.
- The Renewing Water Sources (RWH) program, which was introduced in 2001.
- The Veeranam project was created to bring water to the arid city of Chennai.
- She started people-friendly welfare schemes and freebies .

⭐ Additional Information

- **Sheila Dikshit** was an Indian politician.
  - The longest-serving Chief Minister of Delhi, as well as the longest-serving female chief minister of any Indian state.
  - She served for a period of **15 years beginning in 1998.**
- **Sushma Swaraj** was an Indian lawyer, politician, and diplomat who served as the **Minister of External Affairs of India** in the first Narendra Modi government from **2014 to 2019.**
- **Indira Priyadarshini Gandhi** was an Indian politician and a central figure of the Indian National Congress.
  - She was elected as **third prime minister of India in 1966** and was also the first and, to date, only female prime minister of India.

---

51. **Answer: b**

Explanation:

Given:

The marked price of an article was Rs.400.

T he shopkeeper offered a double discount of 25% and 15%.

Concept used:

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

Selling price = Marked Price - Marked Price × Discount%

Calculation:

Final resultant discount = 25 + 15 – (25 × 15)/100 = 36.25%

Now, the final selling price = 400 – 400 × 36.25%

⇒ 400 – 145 = Rs. 255

∴ He finally sold the article for Rs. 255.

---

52. Answer: b

Explanation:

Given:

The average age of 15 students of a class is 14 years.

Out of these, the average age to 6 students is 15 years and that of the other 8 students in 13 years.

Concept used:

Total = Average × Number of entities

Calculation:

Total age of 15 students = 14 × 15 = 210 years

Total age to 6 students = 15 × 6 = 90 years

Total age of other 8 students = 8 × 13 = 104 years

Now, the age of the 15 th student = 210 – 90 – 104 = 16 years

∴ **The age of the 15 th student is 16 years.**

---

53. **Answer: d**

Explanation:

Given:

The average of the numbers a and b, b and c, c and d are 9, 6, 4, respectively.

Concept used:

Total = Average × Number of entities

Calculation:

According to the question,

$a + b = 9 \times 2$

$\Rightarrow a + b = 18$ ....(1)

$b + c = 6 \times 2$

$\Rightarrow b + c = 12$ ....(2)

$c + d = 4 \times 2$

$\Rightarrow c + d = 8$ ....(3)

(1) – (2) + (3) we get,

$a + b - b - c + c + d = 18 - 12 + 8$

$\Rightarrow a + d = 14$

$\Rightarrow (a + d)/2 = 14/2$

$\Rightarrow (a + d) = 7$

∴ The average of a and d is 7.

54. Answer: a

Explanation:

Given:

The difference between two positive numbers x and y (x > y) is 350.

9.5% of x is equal to 16.5% of y.

Calculation:

According to the question,

$x - y = 350$ ....(1)

9.5% of x = 16.5% of y

$\Rightarrow 0.095x = 0.165y$

$\Rightarrow x/y = 0.165/0.095$

$\Rightarrow (x + y)/(x - y) = (0.165 + 0.095)/(0.165 - 0.095)$ (Using componendo-dividendo method)

$\Rightarrow (x + y)/350 = 0.26/0.07$ (From 1)

$\Rightarrow (x + y)/50 = 26$

$\Rightarrow (x + y) = 26 \times 50$

$\Rightarrow (x + y) = 1300$

∴ The value of (x + y) is 1300.

55. Answer: a

Explanation:

Given:

The LCM and HCF of the two numbers are 60 and 5.

One of the numbers is divided by 2 and the quotient is 10.

Concept used:

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

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

Calculation:

One of the numbers = 2 × 10 = 20

Let the other number be 5p.

According to the question,

LCM (20, 5p) = 60

⇒ 5 × 4 × p = 60

⇒ p = 60/20

⇒ p = 3

Now, the other number = 5 × 3 = 15

∴ The other number is 15.

---

56. **Answer: d**

Explanation:

Given:

40 kg of an alloy A is mixed with 63 kg of alloy B.

Alloy A has lead and tin in the ratio 2 : 3.

Alloy B has tin and copper in the ratio 2 : 5.

Calculation:

Amount of tin in 40 kg alloy A = 40 × 3/(2 + 3) = 24 kg

Amount of tin in 63 kg alloy B = 63 × 2/(2 + 5) = 18 kg

Total amount of tin the new alloy = 24 + 18 = 42 kg

∴ The amount of tin in the new alloy is 42 kg.

---

57. Answer: d

Explanation:

Given:

Principal = Rs. 2400

Rate of interest = $6\frac{1}{4}$ % = 6.25%

Concept used:

1 year = 365 days

Simple Interest, SI = (P × R × T)/100

Amount = P + SI

where

P = Principal amount

R = Rate of interest per year

T = Time in years

Calculation:

Days between 20 March 2019 to 31 may 2019 = 73 days

Now, the simple interest incurred on Rs. 2400 for 73 days

⇒ (2400 × 6.25 × 73/365)/100

⇒ (2400 × 6.25 × 0.2)/100

⇒ Rs. 30

∴ Simple interest incurred on Rs. 2,400 from 20 March 2019 to 31 May 2019 at $6\frac{1}{4}$ % rate is Rs. 30.

---

58. **Answer: d**

Explanation:

Given:

A car runs the first 272 km at an average speed of 40 km/h and the next 85 km at an average speed of 50 km/h.

Concept used:

Time × Speed = Distance

Average speed = Total Distance ÷ Total time spent

Calculation:

Time taken to cover the 272 km stretch = 272/40 = 6.8 hours

Time taken to cover 85 km stretch = 85/50 = 1.7 hours

Now, the average speed = (272 + 85)/(6.8 + 1.7)

⇒ 357/8.5 = 42 km/h

∴ T he average speed for the entire journey is 42 km/h.

---

59. **Answer: b**

Explanation:

Given:

In 5 minutes, $\frac{4}{11}$ of a bucket is filled.

Concept used:

1 minute = 60 seconds

Calculation:

Remaining bucket = 1 − $\frac{4}{11}$ = $\frac{7}{11}$

In 5 minutes, $\frac{4}{11}$ of a bucket is filled.

Now, to fill $\frac{7}{11}$ of the bucket, it will take = $\frac{5}{\frac{4}{11}} \times \frac{7}{11}$

⇒ (5 × 7)/4 minutes

⇒ 8.75 minutes

⇒ 8 minutes 0.75 × 60 seconds

⇒ 8 minutes 45 seconds

∴ I t will take 8 minutes 45 seconds to fill the remaining bucket.

---

60. **Answer: d**

Explanation:

Given:

If the selling price is tripled, the profit becomes four times.

Concept used:

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

Cost Price = Selling Price – Profit

Calculation:

Let the selling price and profit be S and M respectively.

So, the cost price = (S – M)

When the selling price is 3S, profit is 4M.

So, again the cost price = (3S – 4M)

According to the question,

S – M = 3S – 4M

⇒ 2S = 3M

⇒ S = 1.5M

The cost price becomes = S – M

⇒ 1.5M – M = 0.5M

The selling price = S = 1.5M

Now, profit% = $\frac{1.5M - 0.5M}{0.5M} \times 100\% = 200\%$

∴ The profit percentage is 200%.

---

61. **Answer: c**

Explanation:

Given:

The ratio of two positive numbers is 11 : 17 and their HCF is 4.

Concept used:

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

Calculation:

Since the HCF of the two numbers is 4, the two numbers are as follows:

11 × 4 = 44 and 17 × 4 = 68

LCM (44, 68) = 4 × 11 × 17 = 748

∴ Their LCM is 748.

62. **Answer: d**

Explanation:

Given:

A shopkeeper offers a discount of 12% on a sofa-set and sells it for Rs. 17,776.

Concept used:

Selling price = Marked Price - Marked Price × Discount%

Selling Price = Marked Price × (1 - Discount%)

Calculation:

Let the marked price be P.

According to the question,

P - P × 12% = 17776

⇒ 0.88P = 17776

⇒ P = 17776/0.88

⇒ P = 20200

∴ The marked price of the sofa-set is Rs. 20,200.

⭐ **Shortcut Trick**

Now, the marked price of the sofa-set = 17776 ÷ (1 - 12/100) = Rs. 20200

∴ The marked price of the sofa-set is Rs. 20,200.

---

63. Answer: a

Explanation:

Given:

Rate of interest = 8% p.a.

Principal = Rs. 9500

Time = 2 years

Concept used:

In case of the compound interest,

Amount = $P(1 + R/100)^N$

CI = $P(1 + R/100)^N - P$

where

P = Principal amount

R = Rate of interest per year

12 months = 1 year

Calculation:

Rate of interest when the interest is compounded half-yearly = 8/2 = 4%

Since the interest is compounded half-yearly, 2 years becomes = 2 × (12/6) = 4

Now, the compound interest after 2 years

⇒ $9500(1 + 4/100)^4$ - 9500

⇒ 11113.66 (approx) - 9500

⇒ Rs. 1,613.66

∴ The compound int **erest is Rs. 1,613.66.**

---

64. **Answer: d**

Explanation:

Given:

A person sold a car for Rs. 3,80,000 and incurred a loss of 5%.

Concept used:

Selling Price = Cost Price - Cost Price × Loss%

Selling Price = Cost Price + Cost Price × Gain%

Selling Price = Cost Price × (1 - Loss%)

Selling Price = Cost Price × (1 + Gain%)

Calculation:

Let the cost price of the sold car be P.

According to the concept,

P – P × 5% = 380000

⇒ 0.95P = 380000

⇒ P = 380000/0.95

⇒ P = 400000

Now, the selling price to make a 15% gain = 400000 + 400000 × 15%

⇒ Rs. 4,60,000

∴ **To have a gain of 15%, the Selling Price of the car is Rs. 4,60,000.**

⭐ **Shortcut Trick**

Now, the selling price to make a 15% gain

⇒ {380000 ÷ (1 – 5/100)} × (1 + 15/100)

⇒ 380000 ÷ 0.95 × 1.15

⇒ 400000 × 1.15

⇒ Rs. 4,60,000

∴ To have a gain of 15%, the Selling Price of the car is Rs. 4,60,000.

---

65. **Answer: b**

Explanation:

Given:

$$\frac{1}{3\times4} + \frac{1}{4\times5} + \frac{1}{5\times6} + \dots + \dots\dots\dots \frac{1}{20\times21}$$

Calculation:

$$\frac{1}{3 \times 4} + \frac{1}{4 \times 5} + \frac{1}{5 \times 6} + \ldots + \ldots \ldots \frac{1}{20 \times 21}$$

$$\Rightarrow \frac{4-3}{3 \times 4} + \frac{5-4}{4 \times 5} + \frac{6-5}{5 \times 6} + \ldots + \frac{21-20}{20 \times 21}$$

$$\Rightarrow \frac{4}{(3 \times 4)} - \frac{3}{(3 \times 4)} + \frac{5}{(4 \times 5)} - \frac{4}{(4 \times 5)} + \frac{6}{(5 \times 6)} - \frac{5}{(5 \times 6)} + \ldots + \frac{21}{(20 \times 21)} - \frac{20}{(20 \times 21)}$$

$$\Rightarrow \frac{1}{3} - \frac{1}{4} + \frac{1}{4} - \frac{1}{5} + \frac{1}{5} + -\frac{1}{6} + \ldots - \frac{1}{20} + \frac{1}{20} - \frac{1}{21}$$

$$\Rightarrow \frac{1}{3} - \frac{1}{21}$$

$$\Rightarrow \frac{(7-1)}{21}$$

$$\Rightarrow \frac{6}{21}$$

$$\Rightarrow \frac{2}{7}$$

∴ The simplified value is $\frac{2}{7}$.

---

66. Answer: a

Explanation:

Given:

The difference between the simple interest and the compound interest compounded annually on a certain sum of money for 2 years at a rate of 8% per annum is Rs. 16.80.

Concept used:

Simple Interest, SI = (P × R × T)/100

Amount = P + SI

where

P = Principal amount

R = Rate of interest per year

T = Time in years

In case of the compound interest,

Amount = $P(1 + R/100)^N$

CI = $P(1 + R/100)^N - P$

where

P = Principal amount

R = Rate of interest per year

N = Time in years

Calculation:

Let the principal amount be P.

Compound interest incurred = $P(1 + 8/100)^2 - P$

⇒ 1.1664P – P = 0.1664P

According to the question,

0.1664P – (P × 2 × 8)/100 = 16.80

⇒ 0.1664P – 0.16P = 16.80

⇒ 0.0064P = 16.80

⇒ P = 16.80/ 0.0064

⇒ P = 2625

∴ The principal amount is Rs. 2,625.

---

67. **Answer: d**

Explanation:

Given:

The salary of a person is first increased by 15% and thereafter it is reduced by 15%.

Concept used:

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

Calculation:

Considering 15% reduction as –15% increment. (Here negative sign indicates reduction or decrement)

Now, the net change in his salary = 15 + (-15) + (15 × -15)/100

⇒ 15 – 15 – 225/100 = –2.25%

∴ T he net change in his salary is a 2.25% decrease.

---

68. **Answer: d**

Explanation:

Given:

Two positive numbers are in the ratio 3 : 4.

The sum of their cubes is 728.

Calculation:

Let the numbers be 3p and 4p.

The sum of the numbers = 3p + 4p = 7p

According to the question,

$(3p)^3 + (4p)^3 = 728$

$\Rightarrow 27p^3 + 64p^3 = 728$

$\Rightarrow 91p^3 = 728$

$\Rightarrow p^3 = 728/91$

$\Rightarrow p^3 = 8$

$\Rightarrow p = 2$

Now, the sum of the numbers = 7 × 2 = 14

∴ The sum of the numbers is 14.

---

69. **Answer: c**

Explanation:

Given:

Mohan and Ramesh can together complete a work in 15 days.

Mohan is 50% more efficient than Ramesh.

Concept used:

Total work = Work done per day × Total time taken

Calculation:

Let the efficiency of Ramesh be R units a day.

So, efficiency of Mohan = R + 50% of R = 1.5R units

Total work = 15 × (R + 1.5R) = 37.5R units

Now, the time taken by Mohan alone to complete the work = 37.5R/1.5R = 25 days

∴ The time taken by Mohan alone to complete the work is 25 days.

---

70. **Answer: c**

Explanation:

Given:

A can do a work in 18 days. A and B working together can do the same work in 8 days, whereas B and C working together can do the same work in 6 days.

Concept used:

Total work = Work done per day (Efficiency) × Total time taken

Calculation:

Let the efficiencies of A, B, and C be P, Q, and R units respectively.

According to the question,

Total work = 18 × P = 18P   ....(1)

Total work = 8 × (P + Q) = 8(P + Q)   ....(2)

Total work = 6 × (Q + R) = 6(Q + R)   ....(3)

Equating (1) & (2),

18P = 8(P + Q)

⇒ 18P = 8P + 8Q

⇒ 10P = 8Q

⇒ 5P = 4Q

⇒ Q = 1.25P   ....(4)

Equating (2) & (3),

$8(P + Q) = 6(Q + R)$

$\Rightarrow 8P + 8Q = 6Q + 6R$

$\Rightarrow 8P + 10P = 7.5P + 6R$ (From 4)

$\Rightarrow 10.5P = 6R$

$\Rightarrow R = 1.75P$ ....(5)

Efficiencies of A, B, and C = P + Q + R

$\Rightarrow P + 1.25P + 1.75P = 4P$

Now, the required days by A, B, and C working together do the same work

$\Rightarrow 18P/4P = 4\frac{1}{2}$ days

∴ A, B, and C working together will take $4\frac{1}{2}$ days to complete the work.

---

71. **Answer: d**

Explanation:

Given:

P sells an article that costs him Rs. 1,200 to Q at a profit of 15%.

Q then sells it to R for Rs.1,449.

Concept used:

Selling Price = Cost Price + Cost Price × Gain%

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

Calculation:

The cost price of the article incurred to Q = 1200 + 1200 × 15% = Rs. 1380

Let the profit percentage of Q be M%.

According to the concept,

1380 + 1380 × M% = 1449

⇒ 1380 × M% = 1449 – 1380

⇒ M% = 69/1380

⇒ M% = 0.05

⇒ M = 5

∴ The profit percentage of Q is 5%.

The cost price of the article incurred to Q = 1200 + 1200 × 15% = Rs. 1380

⭐ Shortcut Trick

Now, profit% of Q = $\frac{1449 - 1380}{1380} \times 100\%$ = 5%

∴ The profit percentage of Q is 5%.

---

72. **Answer: b**

Explanation:

Given:

Wall dimension = 21 m × 12 m high × 36 cm

Brick dimension = 28 cm × 18 cm × 6 cm

Concept used:

Volume of a cuboid = Length × Breadth × Height

The volume of the wall should be equal to the total volume of required bricks.

1 m = 100 cm

Calculation:

21 m = 2100 cm

12 m = 1200 cm

Volume of the wall = 2100 × 1200 × 36 = 90720000 cm^3

Volume of each brick = 28 × 18 × 6 = 3024 cm^3

According to the concept,

Now, the number of required bricks = 90720000/3024 = 30000

∴ **30000 bricks are required.**

---

73. **Answer: d**

Explanation:

Given:

$(3\frac{1}{5} \div \frac{2}{3} \text{ of } 4\frac{1}{2}) + 5\frac{2}{3} \div 1\frac{2}{3} \text{ of } 4\frac{1}{4} - 5\frac{1}{3} \times \frac{3}{4} \div 2\frac{2}{3}$

Concept used:

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

Calculation:

$(3\frac{1}{5} \div \frac{2}{3}\ of\ 4\frac{1}{2}) + 5\frac{2}{3} \div 1\frac{2}{3}\ of\ 4\frac{1}{4} - 5\frac{1}{3} \times \frac{3}{4} \div 2\frac{2}{3}$

$\Rightarrow (\frac{16}{5} \div \frac{2}{3}\ of\ \frac{9}{2}) + \frac{17}{3} \div \frac{5}{3}\ of\ \frac{17}{4} - \frac{16}{3} \times \frac{3}{4} \div \frac{8}{3}$

$\Rightarrow (\frac{16}{5} \div 3) + \frac{17}{3} \div \frac{85}{12} - \frac{16}{3} \times \frac{3}{4} \div \frac{8}{3}$

$\Rightarrow (\frac{16}{5} \times \frac{1}{3}) + \frac{17}{3} \times \frac{12}{85} - \frac{16}{3} \times \frac{3}{4} \times \frac{3}{8}$

$\Rightarrow \frac{16}{15} + \frac{4}{5} - \frac{3}{2}$

$\Rightarrow \frac{32 + 24 - 45}{30}$

$\Rightarrow \frac{11}{30}$

∴ The simplified answer is $\frac{11}{30}$.

---

74. **Answer: d**

Explanation:

Given:

Terms differ by 45 and the measure of which is $\frac{4}{7}$.

Calculation:

Let the ratio be p and p + 45.

According to the question,

p/(p + 45) = 4/7

$\Rightarrow$ 7p = 4p + 180

$\Rightarrow$ 7p – 4p = 180

$\Rightarrow$ 3p = 180

⇒ p = 180/3

⇒ p = 60

Now, the ratio = 60 : (60 + 45) = 60 : 105

∴ The ratio is 60 : 105.

---

75. **Answer: c**

Explanation:

Given:

Two cones have their height in the ratio of 2 : 1 and radii in the ratio of 1 : 2.

Concept used:

Volume of a cone = $(\pi \times R^2 \times H)/3$

where R = radius of the base, H = Height

Calculation:

Let the radii of the cones be r and 2r respectively and heights be 2h and h respectively.

Volume of the first cone = $(\pi \times r^2 \times 2h)/3 = 2\pi r^2 h/3$ units^3

Volume of the first cone = $(\pi \times (2r)^2 \times h)/3 = 4\pi r^2 h/3$ units 3

Now, the required ratio = $2\pi r^2 h/3 : 4\pi r^2 h/3 = 1 : 2$

∴ The ratio of their volumes is 1 : 2.

---

76. **Answer: b**

Explanation:

The correct answer is option 2) i.e. "did everything possible . "

⭐ **Key Points**

- Let's look at the meaning of the given idiom/ phrase:
- The phrase' moved heaven and earth 'means ' to do everything you can to achieve something.'
- *Example*:
  - *Samuel will* **move heaven and earth** *to complete the project within the deadline.*
- Hence, the only possible answer is option 2 'did everything possible,' which exactly resembles the meaning of the given idiom/ phrase.

Correct meaning:*did everything possible.*

---

77. Answer: c

Explanation:

The correct answer is option 3) i.e. 'No one is required . '

⭐ **Key Points**

- The error lies in Part (No one are required)of the sentence.
- As per instructions, the remaining portion of the sentence is correct
- According to the rules of Indefinite pronouns, **'no one'** is singular in form, and with it singular verb is used.
- In the erroneous part, we will replace the helping verb 'are' (plural verb) with 'is' (singular verb).
- Therefore, the use of 'No one are required 'in the sentence should be replaced with ' No one is required 'to make it grammatically correct .
- Therefore, the correct answer is Option 3.

Correct sentence:*No one is required**to line up for the investigation.*

78. **Answer: d**

Explanation:

The erroneous part is option 4) i.e. 'Despite of being .'

⭐ **Key Points**

- The error lies in the part'Despite of being.'
- According to the rules of prepositions, no preposition is used after **'Despite'** whereas the preposition **'of'** is used with the word **' In spite'.**
- 'Despite' means regardless.
- **'In spite'** means regardless of the factor/factors.
- In the given sentence the a contrary factor is implied that regardless of **'being a small girl'** she fought the bull bravely.
- Therefore i n the given sentence, we need to use **'In spite of being'**in place of Despite of being ' to make the sentence grammatically correct.
- Hence, the correct answer is option 4.

<u>Correct sentence:</u>*In spite of being* *a small girl she fought the bull bravely.*

79. **Answer: b**

Explanation:

The correct answer is option 2) i.e. 'Bombard .'

⭐ **Key Points**

- Let's look at the meaning of the marked option:
  - Bombard- to assail vigorously or persistently with a never-ending stream of inquiries, remarks, or disclosures.
- Example :

- *The journalist **bombarded** the home minister with sensitive questions on the internal security of the country.*
- Let's look at the meanings of the other given options:
  - Revolt- to take violent action against authority or to refuse to be controlled or ruled.
  - Irritate- to make someone angry or annoyed.
  - Shout- to speak with a very loud voice, often as loud as possible, usually when you want to make yourself heard in noisy situations.
- Hence, from the given meanings, we find that 'Bombard 'is the correct one-word substitute.
- So, the correct answer is option 2.

Correct one-word substitute: *Bombard.*

---

80. **Answer: a**

Explanation:

The correct answer is option 1) i.e. 'depict.'

⭐ **Key Points**

- Let's look at the meaning of the words given in the options:

Word	Meaning
Depict	to represent or show something in a picture or story.
Decline	to gradually become less, worse, or lower.
Decode	to discover the meaning of information given in a secret or complicated way.
Decipher	to discover the meaning of something written badly or in a difficult or hidden way.

- The context of the sentence is that the pictures show the postures which one has to imagine.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "depict."
- Therefore, the correct answer is Option 1.

- Another example :
    - *Major roads in India are **depicted** on the road map.*

Complete Sentence:*The pictures**depict** the postures which you have to assume.*

---

81. **Answer: c**

Explanation:

The correct answer is option 3) i.e. "Hittch."

⭐ **Key Points**

- The correct spelling is 'Hitch .'
- ' Hitch ' means to get a free ride in someone else's vehicle as a way of travelling.
- Example:
    - *Naina could hardly wait to hitch it up and take a ride on her way to Shimla.*
- Therefore, 'Hitch'is incorrectly spelt among the given options.
- Hence, option 3 is the correct answer.

⭐ **Additional Information**

- Let's know the meaning of the other options:

Word	Meaning
Affirm	to state something as true.
Charity	an organization whose purpose is to give money, food, or help to those who need it.
Overall	in general rather than in particular, or including all the people or things in a particular group or situation.

82. Answer: a

Explanation:

The correct answer is option 1) i.e. 'Rash.'

⭐ **Key Points**

- Let's look at the meaning of the given word :

Word	Meaning
Reckless	doing something dangerous and not worrying about the risks and the possible results.

- Let's look at the meaning of the words given in the options:

Word	Meaning
Rash	careless or unwise, without thought for what might happen or result.
Queer	having or relating to gender identity or sexuality that does not fit society's traditional ideas about gender or sexuality.
Rational	showing clear thought or reason.
Veritable	used to describe something as another, more exciting, interesting, or unusual thing, as a way of emphasizing its character.

- Clearly, the word 'Rash' is closest in meaning to the given word' Reckless .'
- Therefore, the correct synonym of the given word is option 1.

83. Answer: b

Explanation:

The correct answer is option 2) i.e. "Unexpectedly . "

⭐ Key Points

- Let's look at the meaning of the given idiom/ phrase:
- The phrase' Out of the blue 'means 'something happens suddenly, without any warning or expectation.'
- *Example*:
  - *Within a few months of meeting, Smith proposed to Rachel to marry him* **out of the blue .**
- Hence, the only possible answer is option 2 'Unexpectedly,' which exactly resembles the meaning of the given idiom/ phrase.

Correct meaning: *Unexpectedly.*

84. Answer: d

Explanation:

The correct answer is option 4) i.e. 'Besides fruits . '

⭐ Key Points

- The error lies in Part (Side by side fruits)of the sentence.
- As per instructions, the remaining portion of the sentence is correct.
- In the erroneous part according to the rules of preposition, **'Besides'** will be used. It is used to indicate something in addition to.
- So we will replace the 'Side by side' with 'Besides' to convey the meaning that in addition to selling fruits, Radha also sells flowers.
- Whereas, 'Side by side' is used for saying that two things or people are directly next to each other.
- Therefore, the use of 'Side by side 'in the sentence should be replaced with ' Besides fruits 'to make it grammatically correct .
- Therefore, the correct answer is Option 4.

Correct sentence:_**Besides fruits**_, _Radha sells fresh flowers in the market._

85. Answer: b

Explanation:

The correct answer is option 2) i.e. 'Illuminate .'

⭐ Key Points

- Let's look at the meaning of the marked option:
  - Illuminate- to light something and make it brighter.
- Example :
  - _People in the medieval era were required to hang out candles to **illuminate** the streets between specific hours on dark nights._

- Let's look at the meanings of the other given options:
    - Illustrate- to draw pictures for a book, magazine, etc.
    - Terminate- to (cause something to) end or stop.
    - Celebrate- to take part in special enjoyable activities in order to show that a particular occasion is important.
- Hence, from the given meanings, we find that 'Illuminate 'is the correct one-word substitute.
- So, the correct answer is option 2.

Correct one-word substitute:*Illuminate.*

---

86. **Answer: d**

Explanation:

The correct answer is option 4) i.e. 'Fragrance .'

⭐ **Key Points**

- Let's look at the meaning of the given word :

Word	Meaning
Aroma	a strong, usually pleasant smell.

- Let's look at the meaning of the words given in the options:

Word	Meaning
Stink	to smell very unpleasant.
Sourness	the quality of having a sour taste.
Stench	a strong, unpleasant smell.
Fragrance	a sweet or pleasant smell.

- Clearly,the word' Fragrance 'isclosest in meaningto the given word' Aroma .'

- Therefore,the correct synonym of the given word isoption 4.

---

87. Answer: b

Explanation:

The correct answer is option 2) i.e. 'Repress.'

⭐ Key Points

- Let's look at the meanings of the given word and marked option:

Word	Meaning
Impel	to force someone to do something.
Repress	to not allow something, especially feelings, to be expressed.

- Let's look at the meanings of the other given options:

Word	Meaning
Prompt	to make something happen.
Oblige	to force someone to do something, or to make it necessary for someone to do something.
Inspire	to make someone feel that they want to do something and can do it.

- Hence from the given meanings,we find that 'Impel' and ' Repress 'are antonyms.
- So,the correct answer is option 2.

⭐ Additional Information

- Let's look at the synonyms and antonyms for the given word 'Impel ':
- Synonyms:compel, induce, oblige, actuate, boost, constrain.

- Antonyms:hinder, calm, check, depress, discourage, dissuade.

---

88. Answer: a

Explanation:

The correct answer is option 1) i.e. 'Hurry.'

⭐ Key Points

- Let's look at the meanings of the given word and marked option:

Word	Meaning
Retard	to make something slower
Hurry	to move or do things more quickly than normal or to make someone do this.

- Let's look at the meanings of the other given options:

Word	Meaning
Choke	to make someone stop breathing by pressing their throat with their hands.
Delay	to make something happen at a later time than originally planned or expected.
Cram	to force a lot of things into a small space; to do many things in a short period of time.

- Hence from the given meanings,we find that ' Retard ' and ' Hurry 'are antonyms.
- So,the correct answer is option 1.

⭐ Additional Information

- Let's look at the synonyms and antonyms for the given word 'Retard ':

- Synonyms:choke off, crimp, decelerate, hamper, handicap, impede.
- Antonyms:aid, assist, help, promote, advance, allow.

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89. Answer: a

Explanation:

The correct answer is option 1) i.e. 'Hearse .'

⭐ **Key Points**

- Let's look at the meaning of the marked option:
    - Hearse- a vehicle used to carry a body in a coffin to a funeral.
- Example :
    - *Mr Muffin has been driving a **hearse** for the last 20 years.*
- Let's look at the meanings of the other given options:
    - Coffin- a long box in which the body of a dead person is buried or burned.
    - Tomb- a large stone structure or underground room where someone, especially an important person, is buried.
    - Grave- a place in the ground where a dead person is buried.
- Hence, from the given meanings, we find that 'Hearse 'is the correct one-word substitute.
- So, the correct answer is option 1.

Correct one-word substitute:*Hearse.*

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90. Answer: b

Explanation:

The correct answer is option 2) i.e. 'novella.'

⭐ <u>Key Points</u>

- Let's look at the meaning of the words given in the options:

Word	Meaning
Memorandum	a short written report prepared specially for a person or group of people that contains information about a particular matter.
Novella	a short novel.
Circular	a letter or notice sent to a large number of people.
Pamphlet	a thin book with only a few pages that gives information or an opinion about something.

- The context of the sentence is that John Steinbeck was an American writer and 'Of Mice and Men' is one his famous novel.
- According to the above-mentioned points, the most appropriate word to fill the blank is "novella."
- Therefore, the correct answer is Option 2.

- Another example :
  - *If you don't want to write a **novella** , consider writing a poem instead.*

<u>Complete Sentence:</u>*'Of Mice and Men' is a well-known<u>novella</u>by John Steinbeck.*

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91. **Answer: c**

Explanation:

The erroneous part is option 3) i.e. 'gives rise .'

⭐ <u>Key Points</u>

- The error lies in the part'gives rise.'

- According to the rules of subject-verb agreement, when the subject is plural in number then **'s'** is not added with the verb.
- Here the subject **'The tornados'** is plural in number.
- Hence we have to use the verb **'give.'**
- Therefore i n the given sentence, we need to use ' give rise 'in place of' gives rise ' to make the sentence grammatically correct.
- Hence, the correct answer is option 3.

<u>Correct sentence:</u>*The tornadoes on the east coast give rise to tsunamis.*

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92. Answer: c

Explanation:

The correct answer is option 3) i.e. "Relevent."

⭐ <u>Key Points</u>

- The correct spelling is 'Relevant .'
- ' Relevant ' means ' related to a subject or to something happening or being discussed.'
- Example:
    - *Some privileged students like to think that the rules of the school are not relevant to them.*
- Therefore, 'Relevent'is incorrectly spelt among the given options.
- Hence, option 3 is the correct answer.

⭐ <u>Additional Information</u>

- Let's know the meaning of the other options:

Word	Meaning
Illicit	illegal or disapproved of by society.
Eligible	having the necessary qualities or satisfying the necessary conditions.
Tactics	a specific action intended to get a particular result.

93. Answer: d

Explanation:

The correct answer is option 4) i.e. 'why he was . '

⭐ **Key Points**

- The error lies in Part (that why he was)of the sentence.
- As per instructions, the remaining portion of the sentence is correct.
- The given sentence is an **indirect speech** of an **interrogative sentence.**
- According to the rules of Direct and Indirect speech, when an interrogative sentence is transformed into indirect speech the conjunction **'that'** is not used.
- So we have to remove 'that.'
- Therefore, the use of 'thatwhy he was 'in the sentence should be replaced with ' why he was 'to make it grammatically correct .
- Therefore, the correct answer is Option 4.

Correct sentence:*The teacher asked Mohit <u>why he was</u>absent for the test.*

94. Answer: a

Explanation:

The erroneous part is option 1) i.e. 'you would come .'

⭐ <u>Key Points</u>

- The error lies in the part 'you would come.'
- In the given sentence, the action 'Christmas party' took place 'Last night' which implies that the action took place in the past.
- According to the rules of tense, **'I wish you would come'** should be used when incident is occurring in the present.
- Whereas, **'I wish you had come'** is used to indicate a wish for something that already happened in the past.
- Therefore, i n the given sentence we need to use ' you had come 'in place of' you would come ' to make the sentence grammatically correct.
- Hence, the correct answer is option 1.

<u>Correct sentence:</u>*Last night's Christmas party was fun. I wish* **you had come.**

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95. **Answer: c**

Explanation:

The correct answer is option 3) i.e. 'rallies.'

⭐ <u>Key Points</u>

- Let's look at the meaning of the words given in the options:

Word	Meaning
Masses	the ordinary people who form the largest group in a society.
Crowds	a large group of people who have come together.
Rallies	a public meeting of a large group of people, esp. to show support for a particular opinion, political party, or sports team.
Assemblies	a group of people, esp. one gathered together regularly for a particular purpose.

- The context of the sentence is two political parties organized public meetings to show the support of people for their political parties.
- According to the above-mentioned points, the most appropriate word to fill the blank is "rallies."
- Therefore, the correct answer is Option 3.

- Another example :
  - *People around the world oraganized anti-war* **rallies** *as a protest against ongoing Ukraine- Russia war.*

Complete Sentence:*The two parties held several*_rallies_*during the campaigning for elections.*

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96. Answer: d

Explanation:

The correct answer is option 4) i.e. 'highest.'

⭐ **Key Points**

- Let's look at the meaning of the words given in the options:

Word	Meaning
Longest	having the greater length of two or the greatest length of several.
Maximum	being the largest amount or number allowed or possible.
Uppermost	in the highest position or having the most importance.
Highest	(especially of things that are not living) being a large distance from top to bottom or a long way above the ground, or having the stated distance from top to bottom.

- The context of the sentence is that Mount Everest has the maximum vertical distance on Earth, it is the highest peak in the Himalayan mountain range that

rises 8850 metres above sea level.

- According to the above-mentioned points, the most appropriate word to fill in the blank is "highest."
- Therefore, the correct answer is Option 4.

Complete passage:Mount Everest, a peak in the Himalayan mountain range, is at a height of 8850 metres above sea level and is considered the*(1) highest*point on earth. While it is called Chomo-Lungma, or "Mother Goddess of the Land,"*(2) by*the Tibetans, the people of Nepal call it Sagarmatha. The British named the mountain*(3) after*Sir George Everest, a 19 th -century British surveyor of South Asia. The Everest is believed to be over 60 billion years old. Although the first*(4) attempt*to climb Mount Everest was made in 1921, it was not successful. It was on 29th May, 1953, that Edmund Hillary and Tenzing Norgay became the first men to*(5) reach*the summit of this mountain.

97. **Answer: c**

Explanation:

The correct answer is option 3) i.e. ' by .'

⭐ **Key Points**

- Let's look at the use of the prepositions given in the options:

Preposition	Usage
with	to say that people or things are in a place together; to denote an instrument.
on	to denote when a thing is touching the surface of a place; to denote dates and days.
by	used to show the person or thing that does something; used to show how something is done; near or at the side of; not later than; at or before.
for	to denote intention to give; purpose; the result of something; show an amount of time or distance.

- The context of the sentence is that the Tibetans regarded Mount Everest as Chomo-Lungma, or "Mother Goddess of the Land," while the Nepalese call it Sagarmatha.
- Here the proposition **'by'** is used to indicate the act of calling Mount Everest using different local names by the Tibetans and Nepalese people.
- According to the above-mentioned points, the most appropriate preposition to fill in the blank is **" by ."**
- Therefore, the correct answer is Option 3.

Complete passage:Mount Everest, a peak in the Himalayan mountain range, is at a height of 8850 metres above sea level and is considered the*(1) highest*point on earth. While it is called Chomo-Lungma, or "Mother Goddess of the Land,"*(2) by*the Tibetans, the people of Nepal call it Sagarmatha. The British named the mountain*(3) after*Sir George Everest, a 19 th -century British surveyor of South Asia. The Everest is believed to be over 60 billion years old. Although the first*(4) attempt*to climb Mount Everest was made in 1921, it was not successful. It was on 29th May, 1953, that Edmund Hillary and Tenzing Norgay became the first men to*(5) reach*the summit of this mountain.

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98. **Answer: d**

Explanation:

The correct answer is option 4) i.e. ' after .'

⭐ **Key Points**

- Let's look at the use of the prepositions given in the options:

Preposition	Usage
from	used to show the place where someone or something starts; used to show the material of which something is made; to show a change in the state of someone or something.
about	used to indicate movement within a particular area; to indicate the subject of concern.
over	to show above or higher than something else.
after	used to indicate something next in time or place; in allusion to, in imitation of; following or referencing.

- The context of the sentence is Mount Everest is named by the Britishers referencing to and imitating the name of Sir George Everest, who was a 19th-century British surveyor of South Asia.
- Generally, the phrase **'named after'** is used to give someone or something the same name as another person or thing.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "4."
- Therefore, the correct answer is Option 4.

Complete passage:Mount Everest, a peak in the Himalayan mountain range, is at a height of 8850 metres above sea level and is considered the*(1) highest*point on earth. While it is called Chomo-Lungma, or "Mother Goddess of the Land,"*(2) by*the Tibetans, the people of Nepal call it Sagarmatha. The British named the mountain*(3) after*Sir George Everest, a 19 th -century British surveyor of South Asia. The Everest is believed to be over 60 billion years old. Although the first*(4) attempt*to climb Mount Everest was made in 1921, it was not successful. It was on

29th May, 1953, that Edmund Hillary and Tenzing Norgay became the first men to *(5) reach* the summit of this mountain.

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99. **Answer: d**

Explanation:

The correct answer is option 4) i.e. 'attempt.'

⭐ <u>Key Points</u>

- Let's look at the meaning of the words given in the options:

Word	Meaning
Trial	to test something in a formal way to discover how effective or suitable it is.
Struggle	to experience difficulty and make a very great effort in order to do something.
Test	an act of using something to find out if it is working correctly or how effective it is.
Attempt	to try to do something, especially something difficult.

- The context of the sentence is that the first try to climb the difficult Mount Everest was made in 1921, which was unsuccessful .
- According to the above-mentioned points, the most appropriate word to fill in the blank is "attempt."
- Therefore, the correct answer is Option 4.

<u>Complete passage:</u>Mount Everest, a peak in the Himalayan mountain range, is at a height of 8850 metres above sea level and is considered the *(1) highest* point on earth. While it is called Chomo-Lungma, or "Mother Goddess of the Land," *(2) by* the Tibetans, the people of Nepal call it Sagarmatha. The British named the mountain *(3) after* Sir George Everest, a 19 th -century British surveyor of South Asia.

The Everest is believed to be over 60 billion years old. Although the first *(4) attempt* to climb Mount Everest was made in 1921, it was not successful. It was on 29th May, 1953, that Edmund Hillary and Tenzing Norgay became the first men to *(5) reach* the summit of this mountain.

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100. **Answer: c**

Explanation:

The correct answer is option 3) i.e. 'reach.'

⭐ **Key Points**

- Let's look at the meaning of the words given in the options:

Word	Meaning
Gain	to get something that is useful, that gives you an advantage or that is in some way positive, especially over a period of time.
Enter	to come or go into a particular place.
Reach	to arrive at a place, especially after spending a long time or a lot of effort travelling.
Realise	to understand a situation, sometimes suddenly.

- The context of the sentence is that Edmund Hillary and Tenzing Norgay became the first men to arrive at the summit of mountain Everest after a lot of effort travelling on May 29, 1953.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "reach."
- Therefore, the correct answer is Option 3.

Complete passage: Mount Everest, a peak in the Himalayan mountain range, is at a height of 8850 metres above sea level and is considered the *(1) highest* point on earth. While it is called Chomo-Lungma, or "Mother Goddess of the Land," *(2) by* the

Tibetans, the people of Nepal call it Sagarmatha. The British named the mountain *(3) after* Sir George Everest, a 19 th -century British surveyor of South Asia. The Everest is believed to be over 60 billion years old. Although the first *(4) attempt* to climb Mount Everest was made in 1921, it was not successful. It was on 29th May, 1953, that Edmund Hillary and Tenzing Norgay became the first men to *(5) reach* the summit of this mountain.