SSC CHSL Tier-1 2023: Official Paper (Held On: 10 Aug, 2023 Shift 1) (Previous Year Paper)

SSC Combined Higher Secondary Level (CHSL) • 2023 • 100 questions • 60 minutes • Answer key and solutions

Take this paper as a timed mock test

Practise under exam conditions, then review your answers after you submit.

yourmocktest.com/pyq/ssc-chsl/ssc-chsl-tier-1-2023-official-paper-held-on-10-aug-2023-shift-1-…

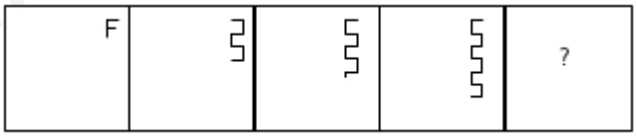
Scan the QR code or click the link to open it.

ENGLISH LANGUAGE

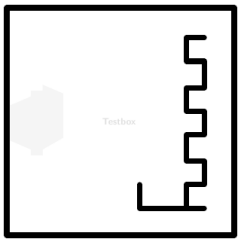
Q1. K is the daughter of S. S is married to G. A is the only grandson of M. G is the son of M. A has one daughter H, who is the only granddaughter of S. How is K related to A?

(a) Sister
(b) Mother's mother
(c) Daughter
(d) Mother's sister

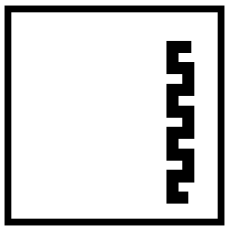
Q2. Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.



(a)



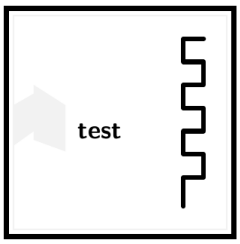
(b)



(c)



(d)



Q3. In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(11, 122)

(32, 1025)

(a) (25, 152)
(b) (21, 441)
(c) (13, 170)
(d) (17, 292)

Q4. Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusions logically follow/s from the given statements.

Statements:

All summers are hot.

Some hot is water.

No water is ice.

Conclusions:

(I): Some hot is summer.

(II): No ice is water.

(a) Only conclusion (II) follows
(b) Neither conclusion (I) nor (II) follows
(c) Only conclusion (I) follows
(d) Both conclusions (I) and (II) follow

Q5. Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

3 : 83

7 : 2403

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(a) 5 : 629
(b) 6 : 1200
(c) 2 : 18
(d) 4 : 250

Q6. Select the number from among the given options that can replace the question mark (?) in the following series.

-4, -1, 4, ?, 20, 31, 44

(a) 15
(b) 17
(c) 11
(d) 18

YourMockTest.com – Free Study Material

Q7. Four triads of numbers have been given out of which three are alike in some manner and one is different. Select the one that is different.

NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting /multiplying etc, to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(a) 19 - 37 - 73
(b) 14 - 29 - 59
(c) 23 - 47 - 95
(d) 3 - 7 - 15

Q8. Select the pair of letter-clusters which follows the same pattern as that followed by the two sets of pair of letter-clusters given below. Both pairs of letter-clusters follow the same pattern.

ADK : FIP

LPQ : QUV

(a) MOR : RTW
(b) JKL : LKJ
(c) GHM : KNQ
(d) PQT : QTP

Q9. In a certain code language, 'TECH' is coded as '6439' and 'CHEW' is coded as '4163'. What is the code for 'T' in the given code language?

(a) 3
(b) 4
(c) 9
(d) 6

Q10. What should come in place of the question mark (?) in the given series?

117, 102, ?, 57, 27

(a) 82
(b) 88
(c) 73
(d) 97

Q11. Select the word-pair that does NOT represent a similar relationship to the one expressed in the pair of words given below.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Scatter : Combine

(a) Sorrow : Cheer
(b) Diminish : Shrink
(c) Serious : Insincere
(d) Lofty : Low

Q12. Each of the letters in the word CAREFUI are arranged in alphabetical order. How many letters are there in the English alphabetical series between the letter that is second from the left and the one that is fourth from the right in the new letter-cluster thus formed?

(a) Four
(b) Three
(c) Six
(d) Two

Q13. The position of how many letters will remain unchanged if each of the letters in the word SECTION is arranged in alphabetical order?

(a) None
(b) Two

YourMockTest.com — Free Study Material

(c) Three
(d) One

Q14. Three of the following number triads are alike in some manner and one is different. Select the odd number triad.

(NOTE: The second and third numbers in the given number triads are formed by performing a certain operation on the first number. The same operation is followed in all the number triads except one. Find that odd number triads.)

(a) 20 : 400 : 200
(b) 9 : 81 : 45
(c) 13 : 169 : 84.5
(d) 25 : 625 : 312.5

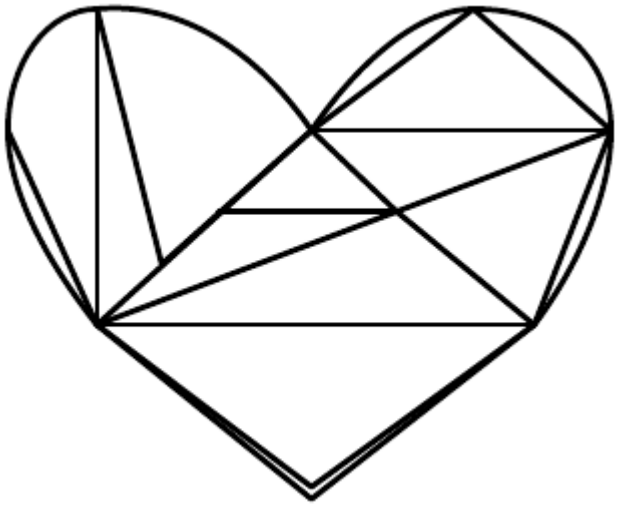
Q15. ILMK is related to ORSQ in a certain way based on the English alphabetical order. In the same way, FIJH is related to LOPN. To which of the following is TWXV related to, following the same logic?

(a) ACDB
(b) ZEFD
(c) ZCDB
(d) AEFD

Q16. In a certain code language, 'ABCDE' is coded as '45' and 'OPQR' is coded as '198'. What will be the code for 'XYZ' in the given code language?

(a) 215
(b) 239
(c) 219
(d) 225

Q17. How many triangles are there in the given figure?



(a) 14
(b) 15
(c) 16
(d) 13

Q18. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

AB_Z, C_WX, _FUV, GH_T, I_QR

(a) CDEIP
(b) YDEIP
(c) CDESJ
(d) YDESJ

YourMockTest.com - Free Study Material

Q19. What will come in the place of the question mark (?) in the following equation if '+' and '-' are interchanged and '×' and '÷' are interchanged?

49 × 7 ÷ 13 - 87 + 12 = ?

(a) 167
(b) 166
(c) 159
(d) 171

Q20. Three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

(a) RUY
(b) GJN
(c) BEI
(d) NQV

Q21. Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



(a)



(b)



(c)

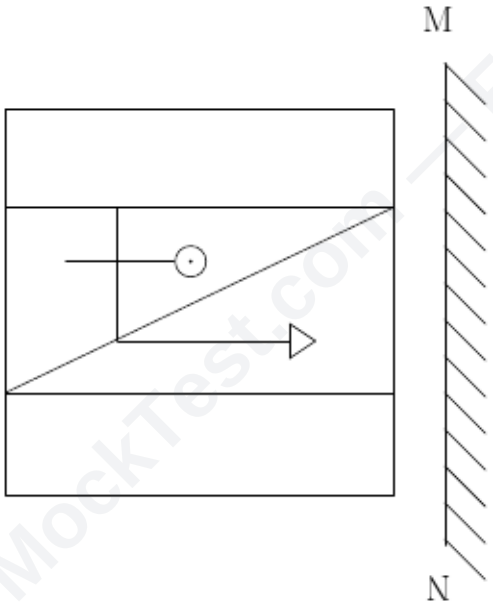


YourMockTest.com — Free Study Material

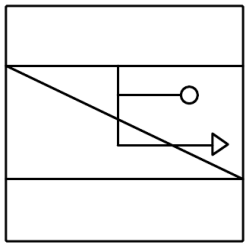
(d)



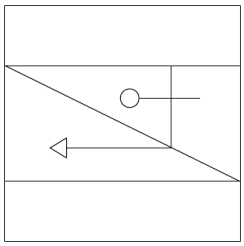
Q22. Select the correct mirror image of the given figure when the mirror is placed at MN as shown.



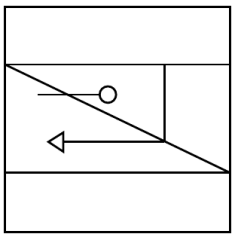
(a)



(b)

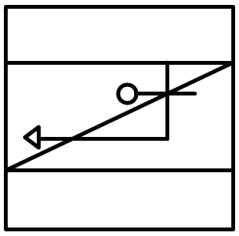


(c)



YourMockTest.com — Free Study Material

(d)



Q23. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ENQR, CPOT, ?, YTKX

(a) BSNW
(b) ANMR
(c) EROV
(d) ARMV

Q24. If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

153 C 65 A 13 B 6 D 85 = ?

(a) 101
(b) 96
(c) 98
(d) 91

Q25. In a certain code language,

A + B means 'A is the mother of B'

A - B means 'A is the husband of B'

A × B means 'A is the father of B'

A ÷ B means 'A is the brother of B'

Based on the above, how is T related to X if 'T × U - V + W ÷ X'?

(a) Mother's father
(b) Brother
(c) Father
(d) Father's father

GENERAL INTELLIGENCE

Q26. The Indian National Science Academy is situated in _____.

(a) New Delhi
(b) Hyderabad
(c) Allahabad
(d) Bangaluru

Q27. 'The state shall endeavour to secure to all workers a living wage and and a decent standard of life'. Which of the following is correct about the given statement in the context of india?

(a) It is mentioned in the 43rd Article of the Constitution.
(b) It is mentioned in the 44 th Article of Constitution.
(c) This is a Gandhian principle of Directive Principles of State Policy.
(d) This is a liberal principle of Directive Principles of State Policy.

YourMockTest.com — Free Study Material

Q28. Which of the following statements is true regarding the Indian monsoon and the Inter Tropical Convergence Zone (ITCZ)?

(a) The shift in the position of the ITCZ can influence the monsoon patterns in India.
(b) ITCZ is located in the Indo-Gangetic plains during February.
(c) The ITCZ is a phenomenon that occurs only during winter.
(d) The ITCZ has no impact on the Indian monsoon.

Q29. Which country first introduced zero-based budgeting?

(a) India
(b) Germany
(c) The US
(d) The UK

Q30. The famous Rath Yatra, Car Festival is associated with which Lord?

(a) Lord Shiva
(b) Lord Jagannath
(c) Lord Indra
(d) Lord Brahma

Q31. Which of the following is the main advantage of the import substitution policy?

(a) It may make the indigenous industries more competitive.
(b) It will help the consumers by providing them with unlimited choices.
(c) It helps the nation achieve self-reliance.
(d) It led to optimum allocation of resources.

Q32. Who among the following Vijaynagar rulers married his daughter to Firuz Shah Bahmani?

(a) Deva Raya II
(b) Deva Raya I
(c) Krishna Deva Raya
(d) Bukka I

Q33. What is the most stable mineral during the process of weathering?

(a) Quartz
(b) Olivine
(c) Pyroxene
(d) Amphibole

Q34. Which project aims to develop state roads along coastal border areas, including connectivity of non-major ports?

(a) Golden Quadrilateral
(b) Setubharatam Pariyojana
(c) District Headquarters Connectivity Scheme
(d) Bharatmala

Q35. As per the newly released Surrogacy Rules 2022, surrogacy couples must purchase health insurance coverage for the surrogate mother for a period of _____.

(a) three years
(b) four years
(c) one year
(d) six years

Q36. In which year did India make its One-Day International (ODI) debut?

(a) 1971
(b) 1974
(c) 1975
(d) 1972

YourMockTest.com — Free Study Material

Q37. Which of the following institutions has been accredited as a National Implementing Entity for Adaptation Fund under United Nations Framework Convention on Climate Change (UNFCCC) in India?

(a) ICAR
(b) NIRD
(c) NABARD
(d) RBI

Q38. The decadal growth rate of India's population as per Census 2011 is _____.

(a) 17.02%
(b) 16.54%
(c) 17.64%
(d) 15.65%

Q39. Which natural bioactive water-soluble phenolic compound is present in Fruits, vegetables, and grains with red, purple, blue, or black hues?

(a) Coumarins
(b) Anthocyanins
(c) Quercetin
(d) Naringenin

Q40. Which of the following statements is/are correct with respect to income or output?

1. Income or output are flows.
2. Income or output are stocks.
3. Income or output can be defined over a period.

(a) Only 1 and 3
(b) Only 2 and 3
(c) Only 1
(d) Only 1 and 2

Q41. Which of these expressions is correct?

(a) If the factor income from abroad is greater than the factor income paid abroad, then GNP would be greater than GDP.
(b) If the factor income from abroad is greater than the factor income paid abroad, then GNP would be lower than GDP.
(c) If the factor income earned from abroad is less than the factor income paid abroad, then GNP would be greater than GDP.
(d) If the net factor income from abroad is negative, then GNP would be greater than GDP.

Q42. Unit of frequency is _____.

(a) hertz
(b) sec
(c) gm
(d) cm

Q43. Hariprasad Chaurasia plays which of the following musical instruments?

(a) Flute
(b) Trumpet
(c) Tabla
(d) Drum

Q44. Heating ethanol with excess concentrated sulphuric acid produces:

(a) ethane
(b) ethyne
(c) butane
(d) ethene

YourMockTest.com — Free Study Material

Q45. Who is referred to as 'Frontier Gandhi'?

(a) Rajendra Prasad
(b) Khan Abdul Gaffar Khan
(c) Ashfaqullah Khan
(d) Rajkumar Shukla

Q46. India won _____ medals in the International Shooting Sport Federation (ISSF)'s World Cup 2022, which was held in Cairo, Egypt.

(a) 5
(b) 8
(c) 7
(d) 6

Q47. Who among the following Indian shooters won the gold at the International Shooting Sport Federation's Presideut's Cup 2022?

(a) Arjun Babuta
(b) Rudrankksh Patil
(c) Anjum Moudgil
(d) Ankur Mittal

Q48. Who among the following personalities won the Sangeet Natak Akademi Award 2021 for contribution to Manipuri Dance?

(a) Bhuvan Kumar
(b) Thokchom Ibemubi Devi
(c) Sruti Bandopadhyay
(d) Kumkum Dhar

Q49. Liberty, Equality and Fraternity slogan of _____ finds an echo in the Preamble of Indian Constitution.

(a) Mexican Revolution
(b) Greek War of Independence
(c) American Declaration of Independence
(d) French Revolution

Q50. Which of the following dance forms originating in Kerala, is a solo recital by women?

(a) Mohiniyattam
(b) Odissi
(c) Kathakali
(d) Kuchipudi

QUANTITATIVE APTITUDE

Q51. If sin A=3/5, calculate the value of cos A + tan A - 1.

(a) 21/20
(b) 11/20
(c) 13/20
(d) 2

Q52. If $4\sin^2 A - 3 = 0$ and $0 \leq A \leq 90°$, then $3\sin A - 4\sin^3 A$ is:

(a) 1/2
(b) √(3/2)
(c) 0
(d) 1

YourMockTest.com — Free Study Material

Q53. Table shows the annual income of 5 schools (in lakhs rupees).

SOURCE OF INCOME	SCHOOLS				
P	Q	R	S	T	
DONATION	140	250	200	300	220
TUITION FEES	280	310	340	200	200
GRANTS	110	110	120	125	130
EXAM FEES	102	104	110	120	130
MISC	160	180	190	200	250

Which school has the highest percentage of income from donations out of its total income?

(a) Q
(b) P
(c) S
(d) R

Q54. A motorboat, whose speed is 20 km/h in still water takes 3 hours to cover a distance of 22.5 km upstream and then comes back to its starting point. The speed of the stream (in km/h) is:

(a) 10
(b) 9
(c) 8
(d) 11

Q55. A person sold two items selling each for Rs. 42,600. On the first item, he made a loss of 25%, while on the second, he gained 20%. Find his overall percentage gain or loss, giving your answer correct to one place of decimal.

(a) 7.7% gain
(b) 7.7% loss
(c) 8.3% loss
(d) 8.2% loss

Q56. A man invested Rs. 4,500 at 5% per annum and Rs. 5,500 at 8% per annum simple interest. Both investments were for 4 years each. The amount received from the lower rate of interest is what per cent (rounded off to the nearest integer) of the amount received from the higher rate of interest?

(a) 63%
(b) 74%
(c) 51%
(d) 48%

Q57. In a circle with radius 20 cm, X is a point located at a distance of y cm from the centre of the circle. If the length of a tangent drawn from point X to the circle is 21 cm, find the value of y.

(a) 31
(b) 28
(c) 29
(d) 25

Q58. If $x^2+1/(x^2)=29$, then find the value of $x-1/x$

(a) ± 4
(b) $\pm 3\sqrt{3}$
(c) ± 3
(d) $\pm 4\sqrt{3}$

YourMockTest.com — Free Study Material

Q59. The production of three products by three companies is given below in the table.

Company → Product ↓	1	2	3
A	25	35	10
B	30	15	20
C	20	20	40

Which of the following gives maximum production of a product by any company?

(a) Product C, Company 3
(b) Product B, Company 1
(c) Product A, Company 3
(d) Product A, Company 2

Q60. Find the volume of a solid sphere whose diameter is 42 cm. (Use π=22/7)

(a) 38807 cm3
(b) 38808 cm3
(c) 38806 cm3
(d) 38805 cm3

Q61. If the difference between the simple interest and the compound interest for 3 years at the rate of 10% per annum on a certain sum is equal to Rs. 310, then that sum of money is:

(a) Rs. 8,000
(b) Rs. 9,500
(c) Rs. 12,000
(d) Rs. 10,000

Q62. 8 cm and 5 cm are the radii of two circles. If the distance between the centres of the two circles is 11 cm, then the length (in cm) of the common tangent of two circles is:

(a) 2√7
(b) 3√7
(c) √7
(d) 4√7

Q63. Simplify the given expression. ((80 × 80 × 80)+(70 × 70 × 70)+(50 × 50 × 50)-840000)/(6400+4900+2500-5600-3500-4000)

(a) 100
(b) 200
(c) 400
(d) 300

Q64. In a circle with centre O and diameter EF, if the two chords AE = AF, then mangle AEF is:

(a) 80°
(b) 90°
(c) 45°
(d) 60°

Q65. The population of a village in 2019 was 30,000. The increase in population rate was 15% and 25%, respectively, from the year 2019 to 2020 and 2020 to 2021. What was the population in the year 2021?

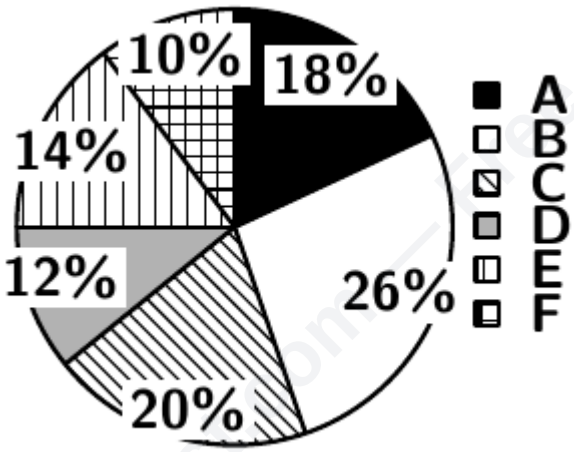
(a) 42,000
(b) 42,325
(c) 42,523
(d) 43,125

YourMockTest.com — Free Study Material

Q66. The Pie chart shows the percentage distributions of total number of laptops (both Dell and HP) sold by six stores in March.

Refer to the pie chart and table carefully and answer the given questions.

Total number = 11200



Ratio of the numbers of Dell and HP sold

Stores	Ratio
A	5 : 4
B	7 : 6
C	1 : 4
D	11 : 10
E	4 : 3
F	3 : 1

The number of Dell laptops sold by store B is what per cent more than that of HP laptops sold by stores E and F? (correct to two decimal places)

(a) 70.43%
(b) 27.64%
(c) 57.64%
(d) 64.70%

Q67. The mean proportion of number 0.049 and 0.9 is:

(a) 0.021
(b) 0.21
(c) 0.63
(d) 21

Q68. A 45% profit is made when a discount of 45% is given on the marked price of an item. If the discount on the marked price of the same item is 50%, then the profit will be:

(a) 31 9/11 %
(b) 33 2/11 %
(c) 30 7/11 %
(d) 31 7/11 %

Q69. Simplify the given expression.

$40 \times 7 - 2 \times (11^3 \div 11) \div 22 + 30$

(a) 297
(b) 298

(c) 300
(d) 299

Q70. M is the mid-point of side QR of a parallelogram PQRS (P being on the top left hand, followed by other points going clockwise). The line SM is drawn intersecting PQ produced at T. What is the length (in terms of the length of SR) of PT?

(a) (3 SR)/2
(b) SR/2
(c) 2SR
(d) SR

Q71. In a mixture of 178 litres, the ratio of water and milk is 5 : 7. How much water should be added to make the ratio of water and milk 3 : 4?

(a) 3 17/24 litres
(b) 3 13/24 litres
(c) 2 11/24 litres
(d) 2 23/24 litres

Q72. Dileep purchases 90 articles for Rs. 13,230 and sells them at a loss equal to the selling price of 8 articles. What will be the selling price of one article?

(a) Rs. 120
(b) Rs. 135
(c) Rs. 130
(d) Rs. 125

Q73. If sin A=2/5, where AAAAA is an acute angle, what is the value of (5 sin A+2 cosec A)/(√21 sec A) ?

(a) 5/4
(b) 7/5
(c) 4/5
(d) 5/7

Q74. Simplify $(3x + 2y)^2 - (3x - 2y)^2$.

(a) 12xy
(b) 18x2 - 8y
(c) 24xy
(d) 9x2 - 4y2

Q75. If a man completed a work in 10 days and the same work was completed by a woman in 8 days. How many days will it take to complete if they work together?

(a) 38/8
(b) 40/7
(c) 40/9
(d) 42/9

GENERAL AWARENESS

Q76. Select the most appropriate option to fill in the blank.

I can't _____ this heat anymore.

(a) beer
(b) bare
(c) bear
(d) bier

YourMockTest.com — Free Study Material

Q77. Select the most appropriate option that can substitute the underlined segment in the following sentence.

I need to put out my clothes before I leave for work this morning otherwise, I will be restless when I return.

(a) need for put out
(b) need to put in
(c) need to put off
(d) need to put away

Q78. Select the most appropriate synonym of the given word.

Precise

(a) Vague
(b) General
(c) Accurate
(d) Ambiguous

Q79. Directions: Each item in this section consists of a sentence with an underlined word followed by four words/group of words. Select the option that is nearest in meaning to the underlined word and mark your response on the answer sheet accordingly.

She's so benevolent that she can't even harm a fly, let alone hurting someone.

(a) Gloomy
(b) Unfortunate
(c) Grudging
(d) Compassionate

Q80. Select the most appropriate idiom for the underlined words in the given sentence.

Playing fantasy games on internet is an easy way to make money quickly but it's risky.

(a) in for a penny in for a pound
(b) not fair and square
(c) making a quick buck
(d) bigger fish to fry

Q81. Directions: Each item in this section consists of a sentence with an underlined word followed by four words/group of words. Select the option that is nearest in meaning to the underlined word and mark your response on the answer sheet accordingly.

I am in a difficult predicament as I have two offers at a time.

(a) Dilemma
(b) Success
(c) Offer
(d) Advantage

Q82. Select the option that can be used as a one-word substitute for the given group of words.

The murder of a king

(a) Sacrilege
(b) Rebel
(c) Reticule
(d) Regicide

Q83. Parts of the following sentence have been given as options. Select the option that contains an error.

This region was struck by unusual wave of violence last year.

(a) was struck by unusual
(b) wave of violence
(c) This region
(d) last year.

YourMockTest.com — Free Study Material

Q84. Parts of the following sentence have been given as options. One of them may contain an error. Select the option that contains the error. If you don't find any error, mark 'No error' as your answer.

With reference of your letter, the organisation wishes to hire you for the security services.

(a) With reference of your letter
(b) for the security services
(c) the organisation wishes to hire you
(d) No error

Q85. Select the correct spelling of the underlined word in the given sentence.

Incidently, I happened to bump into my childhood friend at the airport yesterday.

(a) Incidantly
(b) Incidentaly
(c) Incidantally
(d) Incidentally

Q86. Select the option that expresses the given sentence in passive voice.

The boy will bring the coffee.

(a) The coffee will be brought by the boy.
(b) The coffee will have been brought by the boy.
(c) The coffee would have been brought by the boy.
(d) The coffee must have been brought by the boy.

Q87. Select the correctly spelt word.

(a) Recommend
(b) Recemmend
(c) Reccommend
(d) Reccomend

Q88. Select the option that expresses the given sentence in active voice.

The dog was run over by a truck.

(a) A truck had run over the dog.
(b) A truck runs over the dog.
(c) A truck has run over the dog.
(d) A truck ran over the dog.

Q89. Select the most appropriate synonym of the underlined word.

Demand for water is also rapidly. rising due to population growth, urbanisation and increasing pressures from the agriculture and energy sector.

(a) promptly
(b) luxuriously
(c) leisurely
(d) hopefully

Q90. Parts of a sentence are given below in jumbled order. Select the option that arranges the parts in the correct order to form a meaningful sentence.

A. By conquest, rather than by economic contract
B. Other types of feudalism was the relation
C. The principal difference between Indian and
D. Between lord and vassal, established in this case

(a) B, D, A, C
(b) C, B, D, A
(c) B, A, D, C
(d) C, B, A, D

YourMockTest.com — Free Study Material

Q91. Select the most appropriate idiom for the following statement.

We should be together to fight any danger. Otherwise, separately, we won't be able to fight.

(a) Under a cloud
(b) Up a blind alley
(c) United we stand, divided we fall.
(d) Well begun is half done.

Q92. Select the option that can be used as a one-word substitute for the given group of words.

One who is new to some trade or profession

(a) Novice
(b) Philistine
(c) Martyr
(d) Omnipresent

Q93. Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

A. and he shone like a beacon
B. but also for the whole world
C. our country gave birth to a mighty soul
D. not only for India

(a) DBCA
(b) ACDB
(c) CADB
(d) ADBC

Q94. Select the most appropriate synonym of the underlined word.

The Sustainable Development Goals are a call for action by all countries-poor, rich and middle-income-to promote prosperity while protecting the planet.

(a) conceal
(b) holistic
(c) growl
(d) boost

Q95. Select the most appropriate option that can substitute the underlined segment in the following sentence.

As the storm raged outside, the children huddled together under blankets, listening to the sound of the rain hitting the windows hard and hoping that the power wouldn't go out.

(a) climbing up to the windows
(b) setting off the windows
(c) pounding against the windows
(d) beating off the windows

Directions

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Once king Krishnadeva Raya (1)_____ a parrot of which he was excessively fond. He kept it in a silver cage and fed it fruits and nuts and anything else the bird asked for. The parrot longed for freedom and often asked for it, but the king would always reply, "Ask for anything else." One day, the parrot said to the king, "Give me freedom and I'll give you three (2)____ advice that could be of great benefit to you." The king loved the parrot, but he loved money (3)_____ The parrot said, "Never believe everything that is told to you. What you don't know is that I've two priceless gems in my stomach," said the bird. "Two priceless gems," echoed the king, "Oh, what a fool I was to set you free! I'll regret this for the rest of my life!" I (4)_____ you never to grieve over losses but here you are grieving over losing me," said the parrot, "I advised you never to believe everything you hear, but you immediately believed me when I told you I had two gems in my stomach. (5)_____ I have survived if I really had two gems in my stomach?" My third advice is, "Listen, learn to listen with your mind instead of just with your ears." Saying these words, the parrot flew away.

YourMockTest.com — Free Study Material

Q96. Select the most appropriate option to fill in blank number 1.

(a) has
(b) had
(c) have
(d) will have

Q97. Select the most appropriate option to fill in blank number 2.

(a) digit of
(b) number of
(c) pieces of
(d) quantity of

Q98. Select the most appropriate option to fill in blank number 3.

(a) most
(b) better
(c) extra
(d) more

Q99. Select the most appropriate option to fill in blank number 4.

(a) have advised
(b) advised
(c) advise
(d) did advised

Q100. Select the most appropriate option to fill in blank number 5.

(a) Can
(b) May
(c) Might
(d) Could

ANSWER KEY

1	a	2	c	3	c	4	d	5	c	6	c	7	a	8	a	9	c	10	a
11	b	12	d	13	d	14	b	15	c	16	d	17	a	18	d	19	b	20	d
21	d	22	b	23	d	24	c	25	d	26	a	27	a	28	a	29	c	30	b
31	c	32	b	33	a	34	d	35	a	36	b	37	c	38	c	39	b	40	a
41	a	42	a	43	a	44	d	45	b	46	c	47	b	48	b	49	d	50	a
51	b	52	c	53	c	54	a	55	b	56	b	57	c	58	b	59	a	60	b
61	d	62	d	63	b	64	c	65	d	66	d	67	b	68	a	69	d	70	c
71	a	72	b	73	b	74	c	75	c	76	c	77	d	78	c	79	d	80	c
81	a	82	d	83	a	84	a	85	d	86	a	87	a	88	d	89	a	90	b
91	c	92	a	93	c	94	d	95	c	96	b	97	c	98	d	99	b	100	d

SOLUTIONS

Q1. Answer: (a) Sister

Family Chart:

According to the given information,

The correct answer is sister.

YourMockTest.com — Free Study Material

Q2. Answer: (c) [figure]

The logic followed in the given figure series is:
From Figure (1) to (2):
The shape shown below is added to the previous shape.
From Figure (2) to (3):
The shape shown below is added to the previous shape.
From Figure (3) to (4):
The shape shown below is added to the previous shape.
From Figure (4) to Answer Figure:
The shape shown below is added to the previous shape.
Hence, the correct answer is "Option (3)".

Q3. Answer: (c) (13, 170)

Given:
(11, 122)
(32, 1025)
Logic: Second no. = [(First no.)² + 1]
(11, 122) →
=> [(11)² + 1]
=> (121 + 1) = 122
(32, 1025) →
=> [(32)2 + 1]
=> (1024 + 1) = 1025
Checking the given options:
1. (25, 152) →
=> [(25 × 6) + 2]
=> (150 + 2) = 152
2. (21, 441) →
=> (21)² = 441
3. (13, 170) →
=> [(13)2 + 1]
=> (169 + 1) = 170
4. (17, 292) →
=> [(17)² + 3]
=> (289 + 3) = 292
Here, (13, 170) is similar to the given number pairs.
Hence, the correct answer is "Option (3)".

Q4. Answer: (d) Both conclusions (I) and (II) follow

Statements:
All summers are hot.
Some hot is water.
No water is ice.
The Venn diagram as per the given statements:
Conclusions:
(I): Some hot is summer. → Follow (Because all summers are hot, which means some hot is summer is definitely true)
(II): No ice is water. → Follow (Because no water is ice, which means no ice is water is definitely true)
Hence, the correct answer is "Both conclusions (I) and (II) follow".

Q5. Answer: (c) 2 : 18

Given:
3 : 83
7 : 2403

Logic: Second no. = [(First no.)^4 + 2]
3 : 83 →
=> [(3)^4 + 2]
=> (81 + 2) = 83
7 : 2403 →
=> [(7)4 + 2]
=> (2401 + 2) = 2403
Checking the given options:
(1) 5 : 629 →
=> [(5)4 + 4]
=> (625 + 4) = 629
(2) 6 : 1200 →
=> [(6)4 - 96]
=> (1296 - 96) = 1200
(3) 2 : 18 →
=> [(2)4 + 2]
=> (16 + 2) = 18
(4) 4 : 250 →
=> [(4)4 + 2]
=> (256 - 6) = 250
Here, '2 : 18' is similar to the given number pairs.
Hence, the correct answer is "Option (3)".

Q6. Answer: (c) 11

Given:
-4, -1, 4, ?, 20, 31, 44
Logic: 'Addition of the consecutive odd numbers'.
Here, the missing number is '11'.
Hence, the correct answer is "Option (3)".

Q7. Answer: (a) 19 - 37 - 73

Logic: [First no.] - [(First no. × 2) + 1] - [(First no. × 4) + 3]
Checking all the given options:
(1) 19 - 37 - 73 →
=> [19] - [(19 × 2) - 1] - [(19 × 4) - 3]
(2) 14 - 29 - 59 →
=> [14] - [(14 × 2) + 1] - [(14 × 4) + 3]
(3) 23 - 47 - 95 →
=> [23] - [(23 × 2) + 1] - [(23 × 4) + 3]
(4) 3 - 7 - 15 →
=> [3] - [(3 × 2) + 1] - [(3 × 4) + 3]
Here, '19 - 37 - 73' shows different logic from the rest.
Hence, the correct answer is "Option (1)".

Q8. Answer: (a) MOR : RTW

Here, we use the table given below:
Logic: 'Addition of 5 to the positional value of each alphabet'.
ADK : FIP →
LPQ : QUV →
Checking all the given options:
1. MOR : RTW →
2. JKL : LKJ →
3. GHM : KNQ →

YourMockTest.com — Free Study Material

4. PQT : QTP →

Here, 'MOR : RTW' follows the same pattern as the given pair of letter clusters.

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

Q9. Answer: (c) 9

As per the given information:

The alphabets E, C and H are common in the given data, so the code for 'T' is '9'.

Hence, the correct answer is "Option (3)".

Q10. Answer: (a) 82

Given:

117, 102, ?, 57, 27

Logic: 'Subtraction of consecutive multiple of 5 from 15'.

Here, the missing number is '82'.

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

Q11. Answer: (b) Diminish : Shrink

Given:

Scatter : Combine → Scatter is an antonym of combine.

Scatter → Throw in various random directions.

Combine → To join in a close union.

Checking all the given options:

1. Sorrow : Cheer → Antonyms.

Sorrow → A feeling of deep distress.

Cheer → A feeling of joy.

2. Diminish : Shrink → Synoymms.

Diminish → Make or become less.

Shrink → Become or make smaller in size.

3. Serious : Insincere → Antonyms.

Serious → Acting sincerely.

Insincere → Not serious.

4. Lofty : Low → Antonyms.

Lofty → Tall or high.

Low → Short or smaller.

Here, 'Diminish : Shrink' is different from the rest.

Hence, the correct answer is "Option (2)".

Q12. Answer: (d) Two

Given: 'CAREFUI'

After arranging the given letters in alphabetical order:

CAREFUI → ACEFIRU

The letter that is second from the left is 'C' and the fourth from the right is 'F', There are two letters D and E come between C and F.

Hence, the correct answer is "Option (4)".

Q13. Answer: (d) One

Given: 'SECTION'

After arranging the given letters in alphabetical order:

SECTION → CEINOST

Here, the position of the letter 'E' is unchanged.

Hence, the correct answer is "Option (4)".

Q14. Answer: (b) 9 : 81 : 45

Logic: [First no.] : [(First no.)²] : [(First no.)² ÷ 2]

Checking all the given options:

(1) 20 : 400 : 200 →

=> [20] : [(20)²] : [(20)² ÷ 2]

(2) 9 : 81 : 45 →

=> [9] : [(9)2] : [{(9)2 + 9} ÷ 2]

(3) 13 : 169 : 84.5 →

=> [13] : [(13)2] : [(13)2 ÷ 2]

(4) 25 : 625 : 312.5 →

=> [25] : [(25)2] : [(25)2 ÷ 2]

Here, '9 : 81 : 45' is different from the rest.

Hence, the correct answer is "Option (2)".

Q15. Answer: (c) ZCDB

Here, we use the table given below:

Logic: Addition of 6 to the positional value of each alphabet.

ILMK is related to ORSQ →

FIJH is related to LOPN →

Similarly, 'TWXV' will be written as:

Hence, the correct answer is "Option (3)".

Q16. Answer: (d) 225

Here, we use the table given below:

Logic: Code = [(Addition of each letter's positional value) × 3]

'ABCDE' is coded as '45' →

'OPQR' is coded as '198' →

Similarly, 'XYZ' will be coded as:

Here, 'XYZ' is coded as '225'.

Hence, the correct answer is "Option (4)".

Q17. Answer: (a) 14

The number of triangles in the given figure:

Here, the number of triangles is '14'.

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

Q18. Answer: (d) YDESJ

Given:

AB_Z, C_WX, _FUV, GH_T, I_QR

Checking all the given options:

1. CDEIP

ABCZ, CDWX, EFUV, GHIT, IPQR

2. YDEIP

ABYZ, CDWX, EFUV, GHIT, IPQR

3. CDESJ

ABCZ, CDWX, EFUV, GHST, IJQR

4. YDESJ

ABYZ, CDWX, EFUV, GHST, IJQR

Opposite letters are written and the series is completed.

Hence, the correct answer is "Option (4)".

YourMockTest.com — Free Study Material

Q19. Answer: (b) 166

Here, we use the BODMAS table given below:

Given:

=> 49 × 7 ÷ 13 - 87 + 12 = ?

After interchanging '+' and '-' & '×' and '÷' →

=> 49 ÷ 7 × 13 + 87 - 12

Apply BODMAS rule:

=> 7 × 13 + 87 - 12

=> 91 + 87 - 12

=> 178 - 12 = 166

=> '49 ÷ 7 × 13 + 87 - 12 = 166'

Hence, the correct answer is "Option (2)".

Q20. Answer: (d) NQV

Here, we use the table given below:

Logic: Addition of 3 and 4 to the positional value of the first and second letters.

Checking all the given options:

1. RUY →
2. GJN →
3. BEI →
4. NQV →

Here, 'NQV' is different from the rest.

Hence, the correct answer is "Option (4)".

Q21. Answer: (d) [figure]

The mirror image of the given figure is:

Hence, the correct answer is "Option (4)".

Q22. Answer: (b) [figure]

The mirror image of the given figure is:

Hence, the correct answer is "Option (2)".

Q23. Answer: (d) ARMV

Here, we use the table given below:

Given series:

ENQR, CPOT, ?, YTKX

Logic: Subtraction of 2 from the first and third letters' positional value and addition of 2 to the second and fourth letter's positional value.

Here, the missing term is 'ARMV'.

Hence, the correct answer is "Option (4)".

Q24. Answer: (c) 98

Here, we use the table given below:

Given:

153 C 65 A 13 B 6 D 85 = ?

As per the given data:

Alphabet	Means
A	÷
B	×
C	•

D	•

After putting the sign as per the table:

=> 153 + 65 ÷ 13 × 6 - 85

Apply BODMAS rule:

=> 153 + 5 × 6 - 85

=> 153 + 30 - 85

=> 183 - 85 = 98.

Hence, the correct answer is "Option (3)".

Q25. Answer: (d) Father's father

Preparing the family tree diagram by using the following symbols:

As per the given information:

A is				
Symbol	•	•	×	÷
Means	Mother	Husband	Father	Brother
of B				

Given expression: 'T × U - V + W ÷ X'

T is the father of U, U is the husband of V, V is the mother of W and W is the brother of X.

Here, T is the father's father of X.

Hence, the correct answer is "Option (4)".

Q26. Answer: (a) New Delhi

The correct answer is New Delhi.

Key Points

• The Indian National Science Academy (INSA) is located in New Delhi, the capital city of India.

• INSA is a premier scientific organization in India, established in 1935 to promote science and its applications for the benefit of society.

• INSA consists of distinguished scientists and engineers from various science and technology fields elected as Fellows of the Academy.

• INSA conducts various activities such as organizing scientific meetings, conferences, seminars, and workshops, and awarding fellowships and medals to recognize outstanding contributions to science.

• INSA also advises the government on scientific matters and works towards promoting science education and the popularization of science in the country.

Additional Information

• Hyderabad is home to several prestigious scientific institutions such as the Indian Institute of Chemical Technology, the Centre for Cellular and Molecular Biology, and the International Institute of Information Technology.

• Allahabad is a historic city in Uttar Pradesh and is home to the Indian Institute of Information Technology, the Motilal Nehru National Institute of Technology, and the Indian Institute of Technology.

• Bangalore, also known as Bengaluru, is a hub of scientific research and development in India, with institutions such as the Indian Institute of Science, the Indian Space Research Organization, and the National Aerospace Laboratories.

Q27. Answer: (a) It is mentioned in the 43rd Article of the Constitution.

The correct answer is It is mentioned in the 43rd Article of the Constitution.

Key Points

• The given statement "The state shall endeavor to secure to all workers a living wage and a decent standard of life" is mentioned in the 43rd Article of the Constitution of India.

• This statement is a part of the Directive Principles of State Policy (DPSP), which are non-justiciable, meaning they are not enforceable by law.

• DPSPs are guidelines for the government to frame policies and make laws that promote the welfare of the people and establish a just society in India.

• The principle of securing a living wage and decent standard of life for workers is in line with the socialist principles of the Indian Constitution.

YourMockTest.com — Free Study Material

Additional Information

• "The State shall endeavor to secure the citizen a Uniform Civil Code throughout the territory of India," reads Part IV, Article 44 of the Constitution.

• The Directive Principles of State Policy incorporate the Gandhian principles of promoting cottage industries in rural areas and organizing village panchayats.

Q28. Answer: (a) The shift in the position of the ITCZ can influence the monsoon patterns in India.

The correct answer is The shift in the position of the ITCZ can influence the monsoon patterns in India.

Key Points

• The (ITCZ) is a belt of low pressure near the equator where trade winds from the Northern and Southern Hemispheres come together.

• The shift in the position of the ITCZ can influence the monsoon patterns in India because it determines the location of the monsoon trough, which is a region of low pressure that attracts moisture from the surrounding areas.

• During summer, the ITCZ shifts northward towards the Himalayas, bringing moisture-laden winds from the Arabian Sea and Bay of Bengal to India, resulting in the monsoon season.

Additional Information

• ITCZ is typically located over the southern Indian Ocean during this time.

• ITCZ is present throughout the year, but its position shifts with the seasons.

• ITCZ has a significant impact on the Indian monsoon.

• The monsoon is the buildup of moist clouds when moisture is released from the atmosphere as it cools down in the form of precipitation.

• The ITCZ is the region of the earth where air convergence is primarily observed throughout the year.

Q29. Answer: (c) The US

The correct answer is The US.

Key Points

• The US first introduced zero-based budgeting in the 1960s.

• In the 1960s, ZBB was formally initiated in the Department of Agriculture of the USA and turned out to be more popular in the 1970s.

• The Zero-Based Budgeting applicable today was developed at Texas Instruments Inc. in 1969 by Peter Pyhrr.

• Zero-based budgeting is a budgeting method in which all expenses must be justified for each new period.

• It starts from a "zero base" and every function within an organization is analyzed for its needs and costs.

Additional Information

• India did adopt zero-based budgeting in 1987, but it was not the first country to do so.

• Germany and the UK have also implemented zero-based budgeting, but again, they were not the first countries to introduce this method.

• Zero-based budgeting is often used by businesses and governments to identify areas of inefficiency and to reduce unnecessary expenses.

• There are two techniques for tracking expenses: zero-based budgeting and traditional budgeting.

• Zero-based budgeting aids managers in addressing a company's lowest costs.

Q30. Answer: (b) Lord Jagannath

The correct answer is Lord Jagannath.

Key Points

• The Rath Yatra or Car Festival is a famous festival celebrated in Puri, Odisha, and is associated with Lord Jagannath.

• The festival involves the procession of Lord Jagannath, along with his siblings, Lord Balabhadra and Goddess Subhadra, in chariots or raths.

• The chariots are pulled by devotees, and the procession moves from the Jagannath temple to the Gundicha temple, where the deities stay for nine days before returning to the Jagannath temple.

• The Rath Yatra is an important festival for devotees of Lord Jagannath, and it is believed that pulling the chariots during the festival is a way to attain moksha or liberation.

Additional Information

• Lord Shiva is worshipped in Puri.

• There is a famous temple dedicated to him called the Lokanath temple.

• Lord Indra is considered the god of rain and thunder.

YourMockTest.com – Free Study Material

• He is one of the major deities in Hinduism.

• Lord Brahma is considered the creator of the universe in Hinduism.

• He is one of the Trimurti, along with Lord Vishnu and Lord Shiva.

Q31. Answer: (c) It helps the nation achieve self-reliance.

The correct answer is it helps the nation achieve self-reliance.

Key Points

• Import substitution policy aims to promote domestic industries by reducing imports and increasing domestic production.

• This, in turn, helps the nation achieve self-reliance and reduces dependence on foreign countries for essential goods and services.

• By promoting domestic industries, the policy can create job opportunities and boost the economy.

• Import substitution policy may also lead to the development of new technologies and industries, which can further strengthen the nation's economy and reduce the need for imports.

• However, the policy may also have some drawbacks, such as the risk of protectionism, increased costs of production, and reduced competition.

• Hence, it needs to be implemented carefully and in a balanced way.

Additional Information

• "it may make the indigenous industries more competitive", is partially correct.

• By reducing imports, the domestic industries may face less competition, which may help them become more competitive.

• However, it may also lead to complacency and reduced innovation.

• "it will help the consumers by providing them with unlimited choices", is incorrect.

• Import substitution policy aims to reduce imports, which may lead to reduced choices for consumers.

• However, it may also lead to the development of domestic alternatives, which may provide new choices in the long run.

• "it led to optimum allocation of resources, is incorrect.

• Import substitution policy aims to promote domestic industries, which may not always lead to the optimum allocation of resources.

• It may lead to the development of inefficient industries or overproduction of certain goods.

Q32. Answer: (b) Deva Raya I

The correct answer is Deva Raya I.

Key Points

• Firuz Shah Bahmani was a ruler of the Bahmani Sultanate, a Muslim kingdom in South India during the 14^(th) to 16^(th) centuries.i.

• It was Deva Raya I who had married his daughter to Firuz Shah Bahmani, as mentioned in the question.

Additional Information

• The Vijayanagara Empire was a Hindu kingdom that ruled South India from the 14^(th) to the 17^(th) centuries, with its capital at Vijayanagara (now Hampi in Karnataka).

• Deva Raya II was a Vijayanagara ruler who ruled from 1424 to 1446 CE.

• He succeeded Saluva Narasimha Deva Raya, who was the founder of the Saluva dynasty that ruled the Vijayanagara Empire for a brief period.

• Krishna Deva Raya was a Vijayanagara ruler who ruled from 1509 to 1530 CE.

• He is considered one of the greatest rulers of the Vijayanagara Empire, and his reign is known as the Golden Age of the empire.

• He patronized several famous poets, scholars, and artists, and his military campaigns expanded the empire's territory to its greatest extent.

• Bukka I was the brother and successor of Harihara I, the co-founder of the Vijayanagara Empire.

Q33. Answer: (a) Quartz

The correct answer is Quartz.

Key Points

• Quartz is the most stable mineral during the process of weathering because it is highly resistant to chemical and physical weathering.

• Quartz is a mineral composed of silicon and oxygen atoms in a continuous framework of SiO4silicon-oxygen tetrahedra.

• It is one of the most abundant minerals in the Earth's crust.

Additional Information

• Olivine is a mineral that is typically found in mafic and ultramafic igneous rocks.

• It is not as stable as quartz during the process of weathering and can easily break down into clay minerals.

• Pyroxene is a group of minerals that are typically found in mafic and ultramafic igneous rocks.

• Additionally, they arise in the context of touch and regional metamorphism.

• Amphibole is a group of minerals that are typically found in mafic and ultramafic igneous rocks.

• Amphibole is a class of inosilicate minerals that crystallize as prisms or needle-like structures.

• They are made of double-chain SiO4 tetrahedra that are joined at the vertices and typically have iron or magnesium ions within their structures.

Q34. Answer: (d) Bharatmala

The correct answer is Bharatmala.

Key Points

• Bharatmala is a centrally sponsored and funded road and highways project aimed at improving connectivity across India.

• Bharatmala aims to develop state roads along coastal border areas, including connectivity of non-major ports, to promote trade and commerce.

• Bharatmala will greatly improve the nation's highway system:

• Increase the number of 6 NC corridors to 50 (n = 6 NC and 44 EC).

• Increase freight on national highways from 40% to 80%.

• Increase the number of districts from 300 to 550, all connected by at least 4-lane roadways.

Additional Information

• The project is expected to cover a total of 83,677 km of roads and highways and is estimated to cost around Rs 5.35 lakh crore.

• Setubharatam Pariyojana is a project aimed at building bridges in rural areas.

• An ambitious initiative called "Setu Bharatam" would invest Rs. 50,000 crore to build bridges so that traffic on national highways can move safely and smoothly.

• District Headquarters Connectivity Scheme is focused on improving road connectivity in district headquarters.

• The Golden Quadrilateral is a completed project that connects major cities in India through a network of highways.

• It is shaped like a quadrilateral, with Delhi, Kolkata, Mumbai, and Chennai, the country's four largest metropolises, serving as its vertices.

Q35. Answer: (a) three years

The correct answer is three years.

Key Points

• As per the newly released Surrogacy Rules 2022, surrogacy couples must purchase health insurance coverage for the surrogate mother for a period of three years.

• The objective of this rule is to ensure the health and well-being of the surrogate mother during and after the pregnancy.

• It will also provide financial security to the surrogate mother in case of any medical emergencies or complications.

Additional Information

• The period of three years is considered adequate for surrogacy.

• It is imperative to ensure that the surrogate mother is covered for a sufficient period to avoid any potential health risks or complications.

• Surrogacy is an arrangement where a woman carries and delivers a child for another couple or person.

• It is a complex legal and ethical issue that involves various medical, social, and emotional aspects.

• The Surrogacy Rules 2022 aims to regulate and streamline the surrogacy process in India.

Q36. Answer: (b) 1974

The correct answer is 1974.

Key Points

• India made its One-Day International (ODI) debut in the year 1974.

• India's first ODI match was against England in 1974.

• Their first T20I match was against South Africa in 2006.

Additional Information

• The men's national cricket team of India took on England in their first-ever international match on June 25, 1932, during the Lord's Test, making them the sixth team to be awarded Test cricket status.

• India's first Test victory did not come until 1952, a span of nearly twenty years.

• A One Day International (ODI) is a type of limited-overs cricket match that takes place between two international teams.
• The match lasts up to seven hours and features a set number of overs—currently 50—for each team.
• This format is used for the Cricket World Cup, which is usually contested every four years.
• Limited Overs Internationals (LOI) is another name for One Day International matches.

Q37. Answer: (c) NABARD

The correct answer is NABARD.

Key Points

• NABARD is the National Bank for Agriculture and Rural Development.
• It has been accredited as the National Implementing Entity for Adaptation Fund under United Nations Framework Convention on Climate Change (UNFCCC) in India.
• The Adaptation Fund was established under the Kyoto Protocol of the UNFCCC to finance concrete adaptation projects and programmes in developing countries that are parties to the Protocol.

Additional Information

• ICAR is the Indian Council of Agricultural Research.
• It is a premier research institution in the field of agriculture and allied sciences in India.
• NIRD is the National Institute of Rural Development and Panchayati Raj.
• It is an Indian institute for research in rural development, located in Hyderabad, Telangana.
• RBI is Reserve Bank of India.
• It is India's central bank, responsible for the issue and supply of the Indian rupee and the regulation of the Indian banking system.

Q38. Answer: (c) 17.64%

The correct answer is 17.64%.

Key Points

• The decadal growth rate of India's population as per Census 2011 is 0.1764.
• This means that the population of India grew by 17.64% between 2001 and 2011.
• The decadal growth rate is an important indicator of population growth and is used to plan for future infrastructure and resource needs.

Additional Information

• The decadal growth rate is calculated by taking the difference between the population at the end of the decade and the population at the beginning of the decade and dividing it by the population at the beginning of the decade.
• A few records monitor both population growth and decline.
• And because a decade is made up of ten years, it is called "decadal."

Q39. Answer: (b) Anthocyanins

The correct answer is Anthocyanins.

Key Points

• Anthocyanins are natural bioactive water-soluble phenolic compounds that are present in fruits, vegetables, and grains with red, purple, blue, or black hues.
• They are responsible for the vibrant colors in these foods and have been linked to various health benefits, including anti-inflammatory and antioxidant properties.

Additional Information

• Coumarins:
• Phenolic compounds known as coumarins are made up of benzene and α-pyrone rings bonded together.
• The actions of coumarins include vasodilatory, anti-inflammatory, and antithrombotic effects.
• Quercetin:
• Plant pigment quercetin, or flavonol, is a strong antioxidant flavonoid that is mostly present in onions, grapes, berries, cherries, broccoli, and citrus fruits.
• It is a multipurpose antioxidant that has been shown to have protective properties against tissue damage brought on by a range of drug toxicity.
• Naringenin:
• Fruits high in naringenin include oranges and tomatoes.
• Naringenin is a subclass of flavonoids.

• Naringenin has anti-estrogenic properties, hypocholesterolemic and hypolipidemic effects, and regulates bodily lipid levels.

Q40. Answer: (a) Only 1 and 3

The correct answer is Only 1 and 3.

Key Points

• Income or output are flows because they represent the amount of money or goods that are generated or produced within a specific time period.

• Both income and output can be defined over a period, such as a month, quarter, or year, which allows for comparisons and analysis over time.

Additional Information

• Income is the money earned by individuals or businesses from various sources, such as wages, salaries, investments, and profits.

• Output refers to the goods and services produced by businesses, which can be measured in terms of quantity or value.

Q41. Answer: (a) If the factor income from abroad is greater than the factor income paid abroad, then GNP would be greater t...

The correct answer is If the factor income from abroad is greater than the factor income paid abroad, then GNP would be greater than GDP.

Key Points

• GNP (Gross National Product) includes the total value of goods and services produced by a country's residents, both domestically and abroad, while GDP (Gross Domestic Product) only includes the total value of goods and services produced within a country's borders.

• The factor income from abroad refers to the income earned by a country's residents from investments or work done abroad, while the factor income paid abroad refers to the income paid to foreign residents for investments or work done within the country.

• If the factor income from abroad is greater than the factor income paid abroad, it means that the country's residents are earning more from their investments or work abroad than they are paying to foreign residents for their investments or work within the country.

• This would result in a higher GNP than GDP, as the country's overall income would be higher due to the additional income earned abroad.

Additional Information

• If the factor income earned from abroad is less than the factor income paid abroad, it would result in a lower GNP than GDP, not a higher one.

• Negative net factor income from abroad would mean that the country is paying more to foreign residents for their investments or work within the country than it is earning from its residents' investments or work abroad.

• However, it does not necessarily mean that GNP would be greater than GDP as it depends on other factors such as the country's exports and imports.

Q42. Answer: (a) hertz

The correct answer is hertz.

Key Points

• Hertz is the unit of frequency, which measures the number of cycles per second in a wave or signal.

• It is named after Heinrich Hertz, a German physicist who first demonstrated the existence of electromagnetic waves in the late 19th century

• The symbol for hertz is Hz and it is commonly used in fields such as physics, electronics, telecommunications, and music.

• Other units of frequency include kilohertz (kHz), megahertz (MHz), and gigahertz (GHz), which represent thousands, millions, and billions of hertz respectively.

Additional Information

• Seconds (sec) is a unit of time.

• 9,192,631,770 (or 9.192631770 x 10^9 in decimal notation) cycles of radiation resulting from the cesium-133 atom switching between two levels is equal to one second.

• Grams (gm) and centimeters (cm) are units of mass and length respectively.

• According to the International System of Units, one-thousandth of a kilogram is equivalent to one gram, a unit of mass.

• Inches are larger than centimeters; 2.54 cm are equal to one inch.

• One meter is made up of 100 centimeters, and each centimeter is made up of 10 millimeters.

YourMockTest.com — Free Study Material

Q43. Answer: (a) Flute

The correct answer is Flute.

Key Points

• Hariprasad Chaurasia plays the flute, which is a wind instrument.

• The flute is a popular musical instrument in Indian classical music.

• The sound in the flute is produced by blowing air across the edge of the mouthpiece.

• Hariprasad Chaurasia is a renowned flutist who has been awarded numerous honors for his contribution to Indian classical music.

Additional Information

• Trumpet is a brass instrument that is commonly used in jazz and classical music.

• This brass instrument with valves features a two-turn cylindrical tube with a standard range of F sharp below middle C upward for two and a half octaves.

• Tabla is a percussion instrument that is widely used in Indian classical music.

• A tabla is a pair of Indian subcontinental hand drums.

• Drum is a percussion instrument that is used in various genres of music, including rock, pop, and jazz.

• It is a membranophone according to the Hornbostel-Sachs categorization method.

Q44. Answer: (d) ethene

The correct answer is ethene.

Key Points

• Ethene is produced when ethanol is heated with excess concentrated sulphuric acid, which acts as a dehydrating agent.

• The reaction takes place through an elimination process, where a molecule of water is removed from the ethanol molecule, resulting in the formation of ethene.

• When pure, the gas has a little "sweet and musky" smell and is combustible.

• It is colorless.

• The simplest alkene is this one.

Additional Information

• Ethanol is a primary alcohol with the molecular formula C2H5OH, commonly used as a fuel, solvent, and disinfectant.

• Concentrated sulphuric acid is a strong acid with the molecular formula H2SO4, commonly used in the chemical industry as a dehydrating agent, catalyst, and electrolyte.

• Ethyne (acetylene) is a two-carbon alkyne with the molecular formula C2H2, commonly used in the welding and cutting industry as a fuel gas.

• Butane is a four-carbon alkane with the molecular formula C4H10, commonly used as a fuel gas in lighters, stoves, and heaters.

• Ethane is a two-carbon alkane with the molecular formula C2H_(6,) commonly used as a fuel gas and refrigerant.

Q45. Answer: (b) Khan Abdul Gaffar Khan

The correct answer is Khan Abdul Gaffar Khan.

Key Points

• Khan Abdul Gaffar Khan is referred to as 'Frontier Gandhi'.

• He was a Pashtun independence activist, who was also known as Bacha Khan.

• He was a close associate of Mahatma Gandhi and was a follower of non-violent resistance.

• Khan Abdul Gaffar Khan was also the founder of the Khudai Khidmatgar movement, which was based on the principles of non-violence and social reform.

Additional Information

• Rajendra Prasad was the first President of India.

• He was also a freedom fighter who played a significant role in India's struggle for independence.

• Ashfaqullah Khan was a revolutionary who participated in the Kakori train robbery.

• He was subsequently executed by the British.

• Rajkumar Shukla was a farmer.

• He played a crucial role in convincing Mahatma Gandhi to launch the Champaran Satyagraha in Bihar.

Q46. Answer: (c) 7

The correct answer is 7.

Key Points

• India won 7 medals in the International Shooting Sport Federation (ISSF) World Cup 2022 held in Cairo, Egypt.

• India's performance in the shooting World Cup was outstanding, and they finished second in the medals tally, behind China, who won 11 medals.

• The International Shooting Sport Federation (ISSF) is the governing body of the Olympic shooting events.

Additional Information

• The ISSF World Cup is an annual event where shooters from around the world compete in various shooting disciplines.

• India has a strong shooting contingent, and they have been performing well in international events in recent years.

• In the ISSF world cup 2022, India won 4 gold medals, 2 silver medals, and 1 bronze medal, showing their dominance in the sport.

• India won 15 medals in total—six gold, six silver, and three bronze—to take the lead in the ISSF Junior World Cup 2023 in Suhl, Germany.

Q47. Answer: (b) Rudrankksh Patil

The correct answer is Rudrankksh Patil.

Key Points

• Rudrankksh Patil won the gold at the International Shooting Sport Federation's President's Cup 2022.

• Patil is an Indian shooter who competes in the 10m air rifle event.

• He won the 10m air rifle championship in December 2022.

Additional Information

• Arjun Babuta is also an Indian shooter who has won several medals in international competitions.

• He competes in the 10-meter air rifle events and hails from Chandigarh.

• Anjum Moudgil is an Indian female shooter who has won multiple medals in international competitions.

• She represents Punjab and hails from Chandigarh.

• She receives assistance from the Rahul Dravid Athlete Mentorship Program of the GoSports Foundation.

• Ankur Mittal is an Indian male shooter who competes in the double trap event.

• In the 2018 ISSF World Shooting Championships in Changwon, South Korea, he won gold in the Double Trap event.

• In the 2017 ISSF World Shotgun Championships in Moscow, Russia, he took home a silver medal.

Q48. Answer: (b) Thokchom Ibemubi Devi

The correct answer is Thokchom Ibemubi Devi.

Key Points

• Thokchom Ibemubi Devi won the Sangeet Natak Akademi Award 2021 for contribution to Manipuri Dance.

• She is a renowned Manipuri dancer and choreographer.

• She was trained by several dancing masters from an early age, including Th. Tarunkumar and R.K. Priyogopalsana.

Additional Information

• Bhuvan Kumar is a Bollywood film director and producer.

• One of the most prominent Manipuri dancers in India, Prof. Dr. Sruti Bandopadhay received a "Top" grade from National Television.

• She received training from well-known figures such as Guru Bipin Singh, Kalavati Devi, Darshana Jhaveri, Ojha Babu Singh, Ojha Gourakisor Sharma, and Prof. Jiten Singh.

• Kumkum Dhar is a Kathak dancer and choreographer.

• He was born on 2 April 1956.

Q49. Answer: (d) French Revolution

The correct answer is French Revolution.

Key Points

• The slogan of Liberty, Equality, and Fraternity is associated with the French Revolution, which took place from 1789 to 1799.

• The Preamble of the Indian Constitution, which was adopted in 1950, incorporates the principles of Liberty, Equality, and Fraternity as its guiding values.

• The slogan was coined during the French Revolution to represent the aspirations of the people towards freedom, equality, and brotherhood.

• The French Revolution was a period of political and social upheaval in France, which led to the overthrow of the monarchy and the establishment of a republic.

Additional Information

• Mexican Revolution: This was a period of armed conflict that took place from 1910 to 1920 in Mexico, which led to the overthrow of the dictatorship of Porfirio Diaz.

• Greek War of Independence: This was a conflict fought between 1821 and 1832 by the Greeks against the Ottoman Empire, which resulted in the establishment of an independent Greek state.

• American Declaration of Independence: This was a document adopted by the Continental Congress on July 4, 1776, which declared the thirteen American colonies independent of British rule.

Q50. Answer: (a) Mohiniyattam

The correct answer is Mohiniyattam.

Key Points

• Mohiniyattam is a classical dance form originating in Kerala, India, and is a solo recital by women.

• It is characterized by graceful movements, subtle expressions, and intricate footwork.

• The term Mohiniyattam is derived from the words Mohini (meaning enchantress) and Attam (meaning dance).

Additional Information

• Odissi is a dance form that incorporates sculptural poses, intricate footwork, and facial expressions to convey emotions and stories.

• 'Odhra Magadha' is the oldest form of modern Odissi dance, according to Natya Shastra.

• It originated in Odessa.

• Kathakali is a highly stylized form of dance-drama that combines dance, music, and acting to depict stories from Indian epics.

• The origins of Kathakali can be traced to Kerala and other parts of southwest India.

• A devotional dance, kathakali is similar to Bharatanatyam.

• Kuchipudi is a dance-drama form that involves fast footwork, quicksilver movements, and graceful expressions.

• It comes from Kuchipudi, a village in the Indian state of Andhra Pradesh.

Q51. Answer: (b) 11/20

Given:

sin A=3/5,

Calculation:

Sin A = 3/5,

So,

Cos A = 4/5 and Tan A = 3/4

As per the question,

cos A + tan A - 1

=> 4/5 + 3/4 - 1 = 11/20

Therefore The correct option is 2

Q52. Answer: (c) 0

Given:

4 sin2 A - 3 = 0

Concept used:

Sin 60° = √3 / 2

Calculation:

4 sin2 A - 3 = 0

=> Sin A = √3 / 2

Value of angle A = 60°

Value of,

3 Sin A - 4 Sin^3 A

=> 3√3 / 2 - 4 (3 √3 / 8)

=> 3√3 / 2 - 3√3 / 2 = 0

Therefore The correct option is 3

Q53. Answer: (c) S

Calculation:

Total income of school P is 140 + 280+ 110 + 102 + 160 = 792

Total income of school Q is 250 + 310+ 110 + 104 + 180 = 954

Total income of school R is 200 + 340+ 110 + 120 + 190 = 960

Total income of school S is 300 + 200+ 125 + 120 + 200 = 945

The percentage of income from donations out of the total income of school P is,

=> 140 / 792 × 100 = 17.67 %

The percentage of income from donations out of the total income of school Q is,

=> 250 / 954 × 100 = 26.20 %

The percentage of income from donations out of its total income of school R is,

=> 200 / 960 × 100 = 20.80 %

The percentage of income from donations out of its total income of school S is,

=> 300 / 945 × 100 = 31.74 %

Therefore The correct option is 3

Q54. Answer: (a) 10

Given:

A motorboat, whose speed is 20 km/h in still water takes 3 hours to cover a distance of 22.5 km upstream and then comes back to its starting point.

Concept used:

Downstream speed = Boat's speed + speed of current

Upstream speed = Boat's speed - speed of current

Distance = speed × time

Calculation:

Speed of current be U km/h

As per the question,

=> (22.5 / 20+U) + (22.5 / 20 - U) = 3

=> U = 10 km/h

Therefore The correct option is 1

Q55. Answer: (b) 7.7% loss

Given:

A person sold two items selling each for Rs. 42,600. On the first item, he made a loss of 25%, while on the second, he gained 20%.

Calculation:

By selling at Rs 42600 he loses by 25 %

So cost price will be 42600 × 4/3 = Rs 56800

Again By selling at Rs 42600 he makes a profit by 20 %

So the cost price will be 42600 × 5/6 = Rs 35500

Total cost price will be 56800 + 35500 = 92300

Total sp will be 42600 × 2 = Rs 85200

Loss amount is 92300 - 85200 = 7100

Loss percentage will be (7100/92300) × 100 = 7.69 % ≈ 7.7 %

Therefore The correct option is 2

Q56. Answer: (b) 74%

Shortcut Trick

Total Interest % for 4 years: Lower rate = 5% × 4 = 20% | Higher rate = 8% × 4 = 32%.

Amount 1 (Lower) = 4500 × 120% = 5400.

Amount 2 (Higher) = 5500 × 132% = 7260.

Required % = (5400 ÷ 7260) × 100 ≈ 74%.

Therefore The correct answer is 74%.

Alternate Method

Given:

Case 1: Principal (P1) = Rs. 4,500, Rate (R1) = 5%, Time (T) = 4 years.

Case 2: Principal (P2) = Rs. 5,500, Rate (R2) = 8%, Time (T) = 4 years.
Formula Used:
Simple Interest (SI) = (P × R × T) ÷ 100
Amount (A) = P + SI
Calculations:
=> SI1 = (4500 × 5 × 4) ÷ 100 = 900
=> Amount1 (lower rate) = 4500 + 900 = Rs. 5,400
=> SI2 = (5500 × 8 × 4) ÷ 100 = 1760
=> Amount2 (higher rate) = 5500 + 1760 = Rs. 7,260
=> Required Percentage = (5400 ÷ 7260) × 100
=> Required Percentage = 54000 ÷ 726 ≈ 74.38%
=> Rounded off to the nearest integer = 74%
Therefore The correct answer is 74%.
Additional Information
Simple Interest Concept
Interest is calculated only on the initial Principal amount for every year. SI = (P × R × T) ÷ 100.
Amount in Simple Interest
The total Amount (A) received at the end of the period is the sum of Principal and Interest: A = P(1 + RT/100).
Effective Rate of Interest
The total interest earned can be expressed as a single effective percentage of the principal, which is (Rate × Time)%.

Q57. Answer: (c) 29

Given:
Radius = 20 cm.
X is a point located at a distance of y cm from the centre of the circle.
The length of a tangent = 21 cm
Concept used:
The length of the hypotenuse is the length of Y
Calculation:
The length of hypotaneus is the length of Y
So value of Y = $\sqrt{(20^2 + 21^2)}$
=> 29 cm
Therefore The correct option is 3

Q58. Answer: (b) ±3√3

Given:
$x^2+1/(x^2)=29$
Formula used:
$(A - B)^2 = A^2 - 2AB + B^2$
Calculation:
$x^2+1/(x^2)=29$,
=> $(x^2 + 1/x^2) - 2 = 29 - 2$
=> $(x - 1/x)^2 = 27$
=> $x-1/x = \pm 3\sqrt{3}$
Therefore The correct option is 2

Q59. Answer: (a) Product C, Company 3

Calculation:
Among the following options Company 3, Product C gives the maximum production, that is 40
Therefore The correct option is 1

Q60. Answer: (b) 38808 cm3

Given:

Sphere's diameter is 42 cm

Formula used:

Volume of a sphere = 4 / 3 πr3.

Calculation:

Volume of a sphere = 4 / 3 ×22/7 × (21)3.

=> 38808 cm3

Therefore The correct option is 2

Q61. Answer: (d) Rs. 10,000

Shortcut Trick

For 3 years, the difference between CI and SI is: $D = P \times (R/100)^2 \times (3 + R/100)$

=> $310 = P \times (10/100)^2 \times (3 + 10/100)$

=> $310 = P \times (1/100) \times (31/10)$

=> $310 = P \times (31/1000)$

=> Principal (P) = $(310 \times 1000) \div 31 = 10,000$

Therefore The correct answer is Rs. 10,000.

Alternate Method

Given: Rate (R) = 10% = 1/10, Time (T) = 3 years, Difference (CI − SI) = Rs. 310.

Formula Used: Unitary Method where Principal = (Denominator)^(Time).

=> Let Principal = $10^3 = 1000$ units.

=> Simple Interest (SI) for 3 years = 100 + 100 + 100 = 300 units.

=> Compound Interest (CI) for 3 years = 300 (SI) + 10 + 20 + 1 = 331 units.

=> Difference = 331 − 300 = 31 units.

=> 31 units = Rs. 310

=> 1 unit = Rs. 10

=> Principal = 1000 units × Rs. 10 = Rs. 10,000.

Therefore The correct answer is Rs. 10,000.

Additional Information

Difference for 2 Years

The difference between CI and SI for 2 years is calculated using the formula: Difference = $P \times (R/100)^2$.

Effective Rate of Interest

For a Rate of 10%, the effective Compound Interest rate for 3 years is 33.1%, while the Simple Interest rate is 30%.

Compound Interest Amount Formula

The total amount after n years is given by: $A = P \times (1 + R/100)^n$.

Q62. Answer: (d) 4√7

Formula used:

Direct common tangent = √ (distance between the two centers2 - (r1 - r2)2

Calculation:

Direct common tangent = D

Distance between the two centers is = 11 cm

As per the formula,

D = √ (112 - (8 - 5)2.

=> √ (121 - 9)

=> √112

=> 4√7

Therefore The correct option is 4

Q63. Answer: (b) 200

Calculation:

((80 × 80 × 80)+(70 × 70 × 70)+(50 × 50 × 50)-840000)/(6400+4900+2500-5600-3500-4000)

=> (512000 + 343000 + 125000 - 840000) / 700
=> 140000 / 700 = 200
Therefore The correct option is 2

Q64. Answer: (c) 45°

Given:
In a circle with centre O and diameter EF, if the two chords AE = AF
Concept used:
angle AEF = 1/2 angle EAF
Calculation:
angle EFA = angle FEA [AE = AF]
And as we know, angle EFA = 90°
So, mangle AEF
=> 90 / 2 = 45°
Therefore The correct option is 3

Q65. Answer: (d) 43,125

Given:
The population of a village in 2019 was 30,000.
The increase in population rate was 15% and 25%, respectively, from the year 2019 to 2020 and 2020 to 2021
Calculation:
The population in 2020 will be,
=> 30000 + 30000 ×15/100 = 34500
The population in 2021 will be,
=> 34500 + 34500 / 4 = 43125
Therefore The correct option is 4

Q66. Answer: (d) 64.70%

Calculation:
The number of Dell laptops sold by store B is 11200 × 26/100 × 7/13 = 1568
HP laptops sold by stores E and F together 11200 × 14/100 × 3/7 + 11200 × 10/100 × 1/4 =952
Difference is 1568 - 952 = 616
The percentage is 616/952 × 100 = 64.70%

Q67. Answer: (b) 0.21

Given:
Two numbers are 0.049 and0.9
We have to find the mean proportion.
Formula used:
If One number is a and another is b
Then there mean proportion will be, Yes(a × b)
Calculation:
Two numbers are 6 and 54
Then there mean proportion will be
Yes(0.049 × 0.9)
=> 0.21
Therefore The mean proportion is 0.21

Q68. Answer: (a) 31 9/11 %

Given:
Profit = 45&, Discount = 45%, another discount = 50%
Concept used:
Discount is calculated on market price and profit is calculated on cost price.
Calculation:

YourMockTest.com — Free Study Material

Let the cost price is 100
Selling price is 145
The market price will be 145 × 100/55 = 263.63
Now the discount is 50%
New sp will be 263.63 × 1/2 = 131.81
The profit will be 131.81 - 100 = 31.81 %
=> 31 9/11 %
Therefore The correct option is 1

Q69. Answer: (d) 299

Calculation:
40 × 7 - 2 × (113 ÷ 11) ÷ 22 + 30
=> 280 - 2 × 121 × 1/22 + 30
=> 280 - 11 +30 = 299

Q70. Answer: (c) 2SR

Given:
M is the mid-point of side QR of a parallelogram PQRS
The line SM is drawn intersecting PQ produced at T.
Calculation:
QM parallel to PS, and QM = MR
So we can say that PQ = QT
Again, PQ = SR
Now PT = 2PQ
So PT = 2SR [opposite sides of parallelogram]
Therefore The correct option is 3

Q71. Answer: (a) 3 17/24 litres

Given:
In a mixture of 178 litres, the ratio of water and milk is 5 : 7
Calculation:
The amount of water in the mixture will be 178 × 5/12 = 74.12
The amount of milk in the mixture will be 178 × 7/12 = 103.81
Let the added water be x liter
As per the question,
74.12 + x / 103.81 = 3 / 4
=> x = 3.70 liter => 3 17/24 litres
Therefore The correct option is 1
Shortcut Trick

Q72. Answer: (b) Rs. 135

Given:
Dileep's cost price = Rs. 13,230 and sells them at a loss equal to the selling price of 8 articles.
Concept used:
Loss = Cost price - selling price
Calculation:
As per the question,
Loss = 8 SP
=> 8 SP = 13230 - 90 SP
=> 98 SP = 13230
SP = 135
Therefore The correct option is 2

YourMockTest.com — Free Study Material

Q73. Answer: (b) 7/5

Calculation:

Sin A = 2 / 5, Cosec A = 5 / 2

and Sec A = 5 / √21

(5 sin A+2 cosec A)/(√21 sec A)

=> (5 × 2/5 + 2× 5/2) / √21 × 5 / √21

=> (2 + 5) / 5 = 7/5

Q74. Answer: (c) 24xy

Calculation:

(3x + 2y)2 - (3x - 2y)².

=> {(3x + 2y) + (3x - 2y)} {(3x + 2y) - (3x - 2y)}

=> 6x ×4y = 24xy

Q75. Answer: (c) 40/9

Given:

A man completed a work in 10 days and a woman in 8 days.

Concept used:

Total work = efficiency × number of days

Calculation:

Let total work is 80 units

Efficiency of a man 80 / 10 = 8

Efficiency of a man 80 / 8 = 10

If they work together the number of days will it take to complete 80 / 18 = 40 /9 days

Therefore The correct option is 3

Q76. Answer: (c) bear

The correct answer is 'bear'.

Key Points

• In the given sentence 'bear' should be used in the blank.

• "Can't" is the contraction of "cannot," indicating an inability or lack of capability to do something.

• "Bear" here means to endure or tolerate. In this sentence, it expresses the inability to continue enduring or tolerating the heat.

• So, when someone says "I can't bear this heat anymore," it means they have reached a point where they are finding it very difficult or impossible to tolerate or endure the high temperature any longer. They're expressing their discomfort and inability to handle the heat.

Correct Sentence: I can't bear this heat anymore.

Q77. Answer: (d) need to put away

The correct answer is 'need to put away'.

Key Points

• The underlined part in the given sentence is grammatically incorrect.

• Here, 'need to put away' should be used instead of 'need to put out'.

• "Put out" typically means to extinguish something or to place something outside, while "put away" means to store or place something in its proper location.

• Here's why "put away" is more fitting in this context:

• "I need to put away my clothes before I leave for work this morning otherwise, I will be restless when I return."

• This implies that the clothes will be properly stored or placed in their designated locations, like in a closet or dresser. When using "put away," it indicates a sense of organization and tidiness, ensuring that the clothes are stored properly and not left out.

• So, if the intention is to ensure the clothes are neatly stored or arranged in their proper place before leaving for work to avoid feeling restless upon return, "put away" would be more suitable than "put out."

Correct Sentence: I need to put away my clothes before I leave for work this morning otherwise, I will be restless when I return.

YourMockTest.com — Free Study Material

Q78. Answer: (c) Accurate

The solution is in Hindi. Read it online.

Q79. Answer: (d) Compassionate

The solution is in Hindi. Read it online.

Q80. Answer: (c) making a quick buck

The solution is in Hindi. Read it online.

Q81. Answer: (a) Dilemma

The solution is in Hindi. Read it online.

Q82. Answer: (d) Regicide

The solution is in Hindi. Read it online.

Q83. Answer: (a) was struck by unusual

The correct answer is Option 1) i.e., was struck by unusual.

Key Points

• The phrase "unusual wave of violence" should be preceded by a determiner.

• The article "an" is required before the adjective "unusual" to indicate one specific instance.

• Omitting the article "an" makes the noun phrase incomplete and grammatically incorrect.

• The correct wording should be "was struck by an unusual wave of violence."

Therefore, the correct answer is: was struck by an unusual.

Additional Information

• Option 2) i.e., wave of violence: This part of the sentence is correct. "Wave of violence" is a proper noun phrase indicating a series of violent events.

• Option 3) i.e., This region: This part is correct. "This region" appropriately introduces the subject of the sentence.

• Option 4) i.e., last year: This part is also correct. "Last year" correctly indicates the time frame in which the events took place.

Q84. Answer: (a) With reference of your letter

The correct answer is 'With reference of your letter'.

Key Points

• The given sentence is grammatically incorrect.

• Here, 'With reference to your letter' should be used instead of 'With reference of your letter'.

• The preposition "of" is not typically used in English after "reference" in this context. Instead, the more commonly accepted and grammatically appropriate phrase would be "With reference to your letter."

• The corrected version uses "to" after "reference," aligning with standard English usage. This construction indicates that the organization is considering or acknowledging the contents or information provided in the letter as the basis for their decision to hire for security services.

• Thus, the correct answer is Option 1.

Correct Sentence: With reference to your letter, the organisation wishes to hire you for the security services.

Q85. Answer: (d) Incidentally

The solution is in Hindi. Read it online.

Q86. Answer: (a) The coffee will be brought by the boy.

The correct answer is 'The coffee will be brought by the boy.'

Key Points

• The given sentence is an example of Active Voice. As per the given question, we have to change it to Passive Voice.

• The process of transformation is as follows:

• The subject of the given sentence is 'The boy'.

• The object of the given sentence is 'the coffee'.

• Since a modal verb has been used in the active voice, therefore, the passive voice will follow the given structure:-

• Active Voice - Subject + modal verb*(will)* + V1 + Object.

• Passive Voice - Object(Subjective form) modal verb*(will)* + be + V3 Subject (Objective form).

• Here, 'will bring' is changed into 'will be brought' because in the 'active to passive' transformation third form of the verb is used.

YourMockTest.com — Free Study Material

• Therefore, as per the above-mentioned points, we find that the correct answer is Option 1.

Correct Sentence: The coffee will be brought by the boy.

Q87. Answer: (a) Recommend

The solution is in Hindi. Read it online.

Q88. Answer: (d) A truck ran over the dog.

The correct answer is 'A truck ran over the dog.'

Key Points

• The given sentence is in Passive Voice. As per the given question, we have to change it to Active Voice.

• The structure of the given sentence is as follows:

• Subject + V2 + Object. (Active Voice)

• Subject (objective case) + was/were + V3 + Object (subjective case). (Passive Voice)

• Example:

• Their cousin showed them some rare photographs. (Active Voice)

• They were shown some rare photographs by their cousin. (Passive Voice)

• The subject of the given sentence is 'The dog'.

• The object of the given sentence is 'a truck.

• The subject will be put in place of the object and the object will be put in place of the subject.

• And 'was run' will be changed into 'ran'.

• Lastly, the preposition 'by' will be removed.

Correct Sentence: A truck ran over the dog.

Q89. Answer: (a) promptly

The solution is in Hindi. Read it online.

Q90. Answer: (b) C, B, D, A

The correct answer is 'C, B, D, A'.

Key Points

• The given question is an example of a Para Jumble.

• We know that the first statement of a para jumbled question is usually an independent general statement, a noun, a universal fact, starting of an incident, or it starts with 'most' or 'once'.

• The first sentence will be sentence C because this fragment follows the initial part and hints at the main difference present in other forms of feudalism.

• After it, Sentence B will be used because this fragment follows the initial part and hints at the main difference present in other forms of feudalism.

• Sentence D will be the third sentence because this fragment adds specificity by highlighting the particular aspect that distinguishes the relationships in Indian feudalism from other types: the relationship between the lord and vassal.

• Finally, Sentence A will be used because this fragment concludes the sentence by explaining how this relationship between the lord and vassal was established in the case of Indian feudalism, emphasizing that it was established through conquest, unlike economic contracts seen in other feudal systems.

Correct Order: The principal difference between Indian and other types of feudalism was the relation between lord and vassal, established in this case by conquest, rather than by economic contract.

Q91. Answer: (c) United we stand, divided we fall.

The correct answer is 'United we stand, divided we fall'.

Key Points

• The most appropriate idiom for the given statement would be "united we stand, divided we fall."

• This idiom highlights the importance of unity in facing challenges or dangers. It means that when people come together and stay united, they are stronger and more likely to overcome difficulties. Conversely, if people are divided or separated, they are weaker and more likely to fail.

• So, in the context of the statement, it emphasizes the necessity of unity to effectively combat any danger.

Therefore, the correct answer is Option 3.

Additional Information

YourMockTest.com — Free Study Material

• Under a cloud: This idiom is used to describe a situation or person that is under suspicion or in disfavor. For example, if someone is suspected of doing something wrong, they can be said to be "under a cloud."

• Up a blind alley: This phrase signifies a course of action that leads nowhere or has no prospects of positive outcome. It's like following a path that leads to a dead-end, symbolizing wasted efforts or a situation with no positive solution in sight.

• Well begun is half done: This saying means that a good start to a task or project makes it easier to complete. It emphasizes the importance of starting work with strong preparation or effort, suggesting that a task is halfway to completion if its beginning is handled well.

Q92. Answer: (a) Novice

The solution is in Hindi. Read it online.

Q93. Answer: (c) CADB

The correct answer is 'CADB'.

Key Points

• The given question is an example of a Para Jumble.

• We know that the first statement of a para jumbled question is usually an independent general statement, a noun, a universal fact, starting of an incident, or it starts with 'most' or 'once'.

• The first sentence here should be Sentence C because this phrase establishes the subject of the sentence, indicating that someone remarkable was born in the speaker's country.

• After it Sentence A should be used because following the introduction of the remarkable individual, this phrase elaborates on their exceptional qualities by using the metaphorical expression "shone like a beacon," suggesting that this person had a prominent and guiding presence.

• Sentence D should be used next because this phrase adds to the idea presented in the earlier part by indicating that the individual's impact wasn't limited to India alone.

• Finally, Sentence B should be used because this phrase completes the sentence by expanding upon the global significance of the individual, emphasizing that their influence extended beyond India to the entire world.

Correct Order: Our country gave birth to a mighty soul and he shone like a beacon not only for India but also for the whole world.

Q94. Answer: (d) boost

The solution is in Hindi. Read it online.

Q95. Answer: (c) pounding against the windows

The solution is in Hindi. Read it online.

Q96. Answer: (b) had

The correct answer is 'had'.

Key Points

• The most appropriate word to fill in the first blank is 'had'.

• In this sentence, the verb "had" is the past tense of the verb "have." It's used to describe a possession or ownership that existed in the past.

• The context of the story is in the past tense ("Once king Krishnadeva Raya..."), indicating that the events occurred in the past. Therefore, the use of "had" to denote ownership of the parrot in the past is suitable and aligns with the storytelling timeline.

• Thus, the correct answer is 'had' which is option 2.

Correct Passage: Once king Krishnadeva Raya had a parrot of which he was excessively fond. He kept it in a silver cage and fed it fruits and nuts and anything else the bird asked for. The parrot longed for freedom and often asked for it, but the king would always reply, "Ask for anything else." One day, the parrot said to the king, "Give me freedom and I'll give you three (2)_____ advice that could be of great benefit to you." The king loved the parrot, but he loved money (3)_____ The parrot said, "Never believe everything that is told to you. What you don't know is that I've two priceless gems in my stomach," said the bird. "Two priceless gems," echoed the king, "Oh, what a fool I was to set you free! I'll regret this for the rest of my life!" I (4)_____ you never to grieve over losses but here you are grieving over losing me," said the parrot, "I advised you never to believe everything you hear, but you immediately believed me when I told you I had two gems in my stomach. (5)_____ I have survived if I really had two gems in my stomach?" My third advice is, "Listen, learn to listen with your mind instead of just with your ears." Saying these words, the parrot flew away.

Q97. Answer: (c) pieces of

The correct answer is 'pieces of'.

Key Points

• The most appropriate answer for the second blank is 'pieces of'.

• The phrase "three pieces of advice" is a commonly used expression in English.

• When offering guidance or suggestions, the word "pieces" is often used to refer to individual or separate parts of advice.

• Therefore, in this context, "pieces of" is the correct usage to refer to the advice given by the parrot, as it is a common and idiomatic way to express multiple items of guidance or suggestions.

Correct Passage: Once king Krishnadeva Raya had a parrot of which he was excessively fond. He kept it in a silver cage and fed it fruits and nuts and anything else the bird asked for. The parrot longed for freedom and often asked for it, but the king would always reply, "Ask for anything else." One day, the parrot said to the king, "Give me freedom and I'll give you three pieces of advice that could be of great benefit to you." The king loved the parrot, but he loved money (3)_____ The parrot said, "Never believe everything that is told to you. What you don't know is that I've two priceless gems in my stomach," said the bird. "Two priceless gems," echoed the king, "Oh, what a fool I was to set you free! I'll regret this for the rest of my life!" I (4)_____ you never to grieve over losses but here you are grieving over losing me," said the parrot, "I advised you never to believe everything you hear, but you immediately believed me when I told you I had two gems in my stomach. (5)_____ I have survived if I really had two gems in my stomach?" My third advice is, "Listen, learn to listen with your mind instead of just with your ears." Saying these words, the parrot flew away.

Q98. Answer: (d) more

The correct answer is 'more'.

Key Points

• The most appropriate option to fill in the third blank is "more."

• The sentence implies that the king loved money more than the parrot.

• The word "more" is used to compare the king's affection for the parrot with his love for money, indicating a higher degree of fondness for money over the parrot.

Correct Passage: Once king Krishnadeva Raya had a parrot of which he was excessively fond. He kept it in a silver cage and fed it fruits and nuts and anything else the bird asked for. The parrot longed for freedom and often asked for it, but the king would always reply, "Ask for anything else." One day, the parrot said to the king, "Give me freedom and I'll give you three pieces of advice that could be of great benefit to you." The king loved the parrot, but he loved money more The parrot said, "Never believe everything that is told to you. What you don't know is that I've two priceless gems in my stomach," said the bird. "Two priceless gems," echoed the king, "Oh, what a fool I was to set you free! I'll regret this for the rest of my life!" I (4)_____ you never to grieve over losses but here you are grieving over losing me," said the parrot, "I advised you never to believe everything you hear, but you immediately believed me when I told you I had two gems in my stomach. (5)_____ I have survived if I really had two gems in my stomach?" My third advice is, "Listen, learn to listen with your mind instead of just with your ears." Saying these words, the parrot flew away.

Q99. Answer: (b) advised

The correct answer is 'advised'.

Key Points

• The correct option to fill in the third blank is "advised."

• In this context, the sentence is in the past tense, and it requires the past tense form of the verb "advise" to maintain grammatical accuracy.

• The correct past tense form of "advise" is "advised." Therefore, "advised" is the appropriate choice for this sentence.

Correct Passage: Once king Krishnadeva Raya had a parrot of which he was excessively fond. He kept it in a silver cage and fed it fruits and nuts and anything else the bird asked for. The parrot longed for freedom and often asked for it, but the king would always reply, "Ask for anything else." One day, the parrot said to the king, "Give me freedom and I'll give you three pieces of advice that could be of great benefit to you." The king loved the parrot, but he loved money more The parrot said, "Never believe everything that is told to you. What you don't know is that I've two priceless gems in my stomach," said the bird. "Two priceless gems," echoed the king, "Oh, what a fool I was to set you free! I'll regret this for the rest of my life!" I advised you never to grieve over losses but here you are grieving over losing me," said the parrot, "I advised you never to believe everything you hear, but you immediately believed me when I told you I had two gems in my stomach. (5)_____ I have survived if I really had two gems in my stomach?" My third advice is, "Listen, learn to listen with your mind instead of just with your ears." Saying these words, the parrot flew away.

Q100. Answer: (d) Could

The correct answer is 'Could'.

Key Points

• The correct option to fill in the fifth blank is "could."

• The parrot is using "could" to express a hypothetical situation or possibility in the past.

• It's used to question whether the parrot would have survived if it genuinely had two gems in its stomach. "Could" here implies the potential or ability for the parrot to survive under those circumstances in the past.

Correct Passage: Once king Krishnadeva Raya had a parrot of which he was excessively fond. He kept it in a silver cage and fed it fruits and nuts and anything else the bird asked for. The parrot longed for freedom and often asked for it, but the king would always reply, "Ask for anything else." One day, the parrot said to the king, "Give me freedom and I'll give you three pieces of advice that could be of great benefit to you." The king loved the parrot, but he loved money more The parrot said, "Never believe everything that is told to you. What you don't know is that I've two priceless gems in my stomach," said the bird. "Two priceless gems," echoed the king, "Oh, what a fool I was to set you free! I'll regret this for the rest of my life!" I advised you never to grieve over losses but here you are grieving over losing me," said the parrot, "I advised you never to believe everything you hear, but you immediately believed me when I told you I had two gems in my stomach. Could I have survived if I really had two gems in my stomach?" My third advice is, "Listen, learn to listen with your mind instead of just with your ears." Saying these words, the parrot flew away.

More previous year papers and mock tests: **www.yourmocktest.com/pyq**

YourMockTest.com — Free Study Material