

STAFF SELECTION COMMISSION
Multi Tasking (Non-Technical) Staff

SOLVED PAPER

(6th October 2021: Shift-1)

Time Allotted- 100 Minutes

Max marks- 100

Important Instructions:-

- ⇒ This paper contains 100 questions which are divided into 4 sections and each section contains 25 questions.
 - ✓ General English
 - ✓ General Intelligence & Reasoning
 - ✓ Numerical Aptitude
 - ✓ General Awareness
- ⇒ There will be 1 mark for each correct answer and also there will be a negative marking of 0.25 for each wrong answer.
- ⇒ Each question is compulsory to attempt and there will be no negative marking for unattempted questions.

General English

1. Select the most appropriate ANTONYM of the given word.
EFFICIENT
1. expert 2. common 3. idle 4. clever
2. Select the most appropriate meaning of the given idiom.
Close to one's heart
1. One who is being followed
2. One who treats heart problems
3. One who is very emotional
4. Dear and important to oneself
3. Select the most appropriate one-word substitution for the given group of words.
A place for keeping birds
1. Aviary 2. Apiary 3. Barn 4. Shed
4. Select the most appropriate synonym of the given word.
DELICATE
1. brisk 2. robust 3. frail 4. hearty
5. Identify the segment in the sentence which contains a grammatical error.
The farmer is cutting the corn which has ripen in the fields.
1. in the fields 3. the farmer is
2. which has ripen 4. cutting the corn
6. Select the INCORRECTLY spelt word.
1. Poetry 2. Symmetry 3. Sultry 4. Gentry
7. Select the most appropriate meaning of the given idiom.
Go bonkers
1. Become crazy 3. Become selfish
2. Become wealthy 4. Become greedy
8. Identify the segment in the sentence which contains a grammatical error.
I paid the plumber for repair the pipes.
1. for repair 3. i paid
2. the pipes 4. the plumber
9. Select the most appropriate word to fill in the blank.
The task has been _____ to the juniors.
1. assigned 2. attached 3. hired 4. elected
10. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
The strong wind blow off all the candles.
1. no substitution required 3. blow up
2. blew out 4. blowing away
11. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required.'
There are very little peoples in this world who are bold enough to defy social customs.
1. very few people 3. very much peoples
2. too much people 4. no substitution required
12. Select the most appropriate word to fill in the blank.
I visit my grandparents _____.
1. continuously 2. unevenly 3. regularly 4. finally
13. Select the most appropriate one-word substitution for the given group of words.
A person who pretends to be someone else to deceive others
1. Actor 2. Imposter 3. Mentor 4. Gangster
14. Identify the segment in the sentence which contains a grammatical error.
The children jumped at joy when they saw the slides in the park.
1. when they saw 3. in the park
2. at joy 4. the children jumped
15. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
He got away from punishment as there was not enough evidence against him.
1. was getting away from 3. gets away from
2. no substitution required 4. got out with
16. Select the most appropriate synonym of the given word.
BAFFLE
1. clarify 2. perplex 3. comfort 4. soothe
17. Select the most appropriate option to fill in the blank.
This lesson is _____ than the previous one.
1. easiest 3. much easier
2. more easier 4. easy
18. Select the most appropriate ANTONYM of the given word.
STABLE
1. steady 2. shaky 3. stout 4. safe

19. Select the INCORRECTLY spelt word.
 1. Tourist 2. Chemist 3. Cyclist 4. Flowerist
20. Select the most appropriate word to fill in the blank.
 _____ is the reason for this chaos?
 1. Why 2. Whom 3. What 4. When

Comprehension:

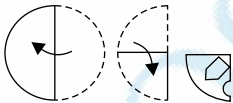
In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

The judge, in a solemn manner, declared (1)_____ there was enough evidence to (2)_____ that Max had indeed (3)_____ his neighbour's cat. This was a (4)_____ crime and deserved an (5)_____ punishment.

21. Select the most appropriate option to fill in blank no. 1.
 1. that 2. what 3. so 4. which
22. Select the most appropriate option to fill in blank no. 2.
 1. result 2. test 3. check 4. prove
23. Select the most appropriate option to fill in blank no. 3.
 1. stolen 2. stealing 3. stole 4. steal
24. Select the most appropriate option to fill in blank no. 4.
 1. stern 2. serious 3. sober 4. steady
25. Select the most appropriate option to fill in blank no. 5.
 1. invisible 3. appropriate
 2. improper 4. anxious

General Intelligence and Reasoning

26. Which number will replace the question mark (?) in the following series?
 11, 13, 16, 26, 41, 67, 102, ?
 1. 251 2. 215 3. 152 4. 125
27. Six students are sitting on a bench facing the interactive board in the classroom. A is sitting second to the right of B, while F is second to the right of E. If C is second right of A, then what is the sitting position of D in respect of F?
 1. Immediate left 3. Third right
 2. Second right 4. Second left
28. Select the correct alternative to indicate the sequential order of the following terms as they appear in a dictionary.
 1. Dreamlike 2. Dreamer
 3. Dreamy 4. Dreamland
 5. Dreamtime
 1. 4 - 1 - 2 - 3 - 5 3. 2 - 4 - 1 - 5 - 3
 2. 1 - 4 - 2 - 5 - 3 4. 2 - 4 - 1 - 3 - 5
29. A paper is folded and cut as shown in the following figures. How will it appear when unfolded?



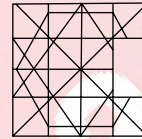
1. 3.
2. 4.

30. Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.

RLKQSN

1. NSQKLR 3. ВTKOZI
 2. ИZQKJЯ 4. ЯLKQZI

31. Select the correct sequence of mathematical signs to replace the * signs so as to balance the given equation.
 $92*4*36*13*9=104$
 1. $\div - + \times$ 2. $+ - \div \times$ 3. $- \div \times +$ 4. $\times + \div -$
32. Select the option word that is related to the third word in the same way as the second word is related to the first word.
 Tuesday : Saturday :: May : _____
 1. September 2. April 3. October 4. August
33. If in a coding system STAMINA is coded as 74 and OCTOBER is coded as 75, then how will IMPOSING be coded in the same coding system?
 1. 117 2. 99 3. 114 4. 102
34. Which number will replace the question mark (?) in the following number series?
 4, 6, 9, 14, 23, 40, ?
 1. 72 2. 73 3. 71 4. 74
35. If - is interchanged with \div and + is interchanged with \times , then which of the following equations is correct?
 1. $32 \times 21 + 9 \div 184 - 8 = 198$
 2. $32 + 21 - 9 \times 184 \div 8 = 198$
 3. $32 \div 21 + 9 - 184 \times 8 = 198$
 4. $32 + 21 \times 9 - 184 \div 8 = 198$
36. Identify the option figure that completes the following pattern.



1. 2. 3. 4.

37. Select the Venn diagram that best illustrates the relationship between the following classes:
 Playground, Stadium, Goalpost
1. 3. 4. 2.
38. In a row of 47 persons, X is 14th from the front while Y is 17th from the back. If they exchange their location, Y becomes 34th from the back, then what will be the position of X from the front?
 1. 31 2. 32 3. 30 4. 29

39. Three statements are given, followed by four conclusions numbered I, II, III and IV.

Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

- Some advocates are doctors.
- Some doctors are players.
- All players are engineers.

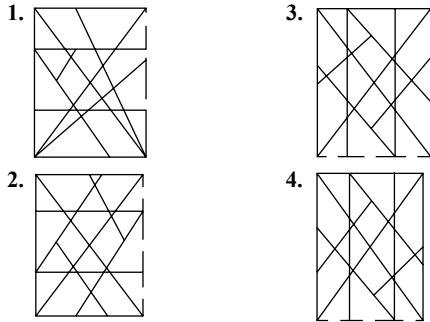
Conclusions:

- I. Some players are doctors.
- II. Some engineers are advocates.

III. All advocates are engineers.
 IV. Some engineers are doctors.

1. Both conclusions I and II follow
2. Both conclusions I and IV follow
3. Both conclusions I and III follow
4. Both conclusions II and IV follow

40. Identify the option in which following figure is embedded (rotation is NOT applicable).



41. Which number will replace the question mark (?) in the following number series?

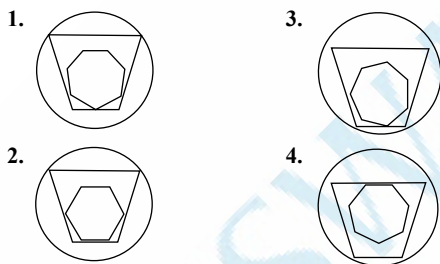
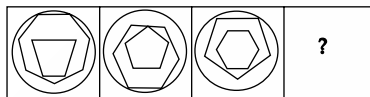
- 168, 168, 84, 28, ?
1. 4
 2. 7
 3. 12
 4. 14

42. Select the option that is related to the third letter cluster in the same way as the second letter cluster is related to the first letter cluster.

CONCEPT : DDFOPQU : NARROWS : _____

1. OBSSPXT
2. BOPSSTX
3. WSRRONA
4. XTSPOLS

43. Select the option figure that will replace question mark (?) in the following figure series.



44. If in a coding system LEARNING is coded as 82463739 and MOBILE is coded as 510782, then how will IMAGINE be coded in the same coding system?

1. 7549732
2. 6548732
3. 8317945
4. 7206834

45. In a certain code language, if GLAMOUR is written as AGLMORU, then how will RUTTING be written in the same code language?

1. GNURITT
2. GINRTTU
3. INGTTRU
4. GNITTUR

46. Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All trees are plants.
 Some plants are climbers.

Conclusions:

- I. Some plants are trees.
 - II. Some trees are climbers.
1. Neither conclusion I nor II follows.
 2. Only conclusion II follows.
 3. Both conclusions I and II follow.
 4. Only conclusion I follows.

47. Select the option in which the numbers are related in the same way as the numbers of the following set.

46 : 82 : 154

1. 70 : 133 : 258
2. 62 : 116 : 224
3. 86 : 159 : 303
4. 78 : 141 : 276

48. Which letter cluster will replace the question mark (?) in the following letter series?

TPM, IEB, XTQ, ?

1. MIF
2. MIE
3. NJF
4. NJG

49. In a certain code language, if IRONING is written as OWSQKOG, then how will SHERIFF be written in the same code language?

1. HSREFIF
2. YMKWLK
3. YMIUKGF
4. YNKXOLL

50. 'Truck' is related to 'Road' in the same way as 'Tram' is related to '_____'.
 1. Rail 2. Wheels 3. Rope 4. Air

Numerical Aptitude

51. If a certain sum at compound interest becomes 3 times in 4 years, then in how many years will it become 9 times, at the same rate of interest?

1. 6 years
2. 9 years
3. 10 years
4. 8 years

52. A train covers a distance of 275 km in $2\frac{1}{2}$ hours with a uniform speed. The time taken to cover a distance of 440 km with the same speed is:

1. $4\frac{1}{2}$ hours
2. 6 hours
3. 5 hours
4. 4 hours

53. The cost prices of two articles are in the ratio 4 : 5. While selling these articles, the shopkeeper gains 10% on one article and 20% profit on the other article, and the difference in the selling price is ₹480. Find the total cost price of both the articles.

1. ₹3,000
2. ₹2,700
3. ₹2,500
4. ₹2,800

54. A sum of ₹17,200 is lent out at simple interest in two parts for two year at 8% and 10% p.a., respectively. If the total interest received after two years ₹3,008, then the money lent at 8% rate is:

1. ₹9,000
2. ₹9,600
3. ₹10,800
4. ₹12,800

55. The radii of the circular ends of a frustum of a cone are 20 cm and 13 cm and its height is 12 cm. What is the capacity (in litres) of the frustum (correct to one decimal place)? (Take $\pi = \frac{22}{7}$)

1. 10.4
2. 11.2
3. 10.8
4. 11.4

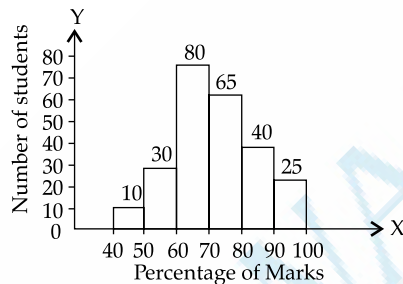
56. The perimeter of rectangular field is 386 m and the difference between its two adjacent sides is 95 m. The side of a square field, having the same area as that of the rectangle is:

1. 64 m
2. 84 m
3. 74 m
4. 82 m

57. If the mean of $x + 1$, $x + 12$, $2x + 3$ and $3x + 5$ is 21, then the value of x is:
 1. 12 2. 10 3. 8 4. 9
58. 14 men complete a work in 18 days. If 21 men are employed, then the time required to complete the same work will be:
 1. 14 days 2. 10 days 3. 15 days 4. 12 days
59. The value of $\frac{2 - \left(\frac{6}{7} \text{ of } 21 + 5.25\right)}{\frac{3}{4} \text{ of } (15.8 - 3.4) + 5 \times 2.39}$ is:
 1. $\frac{11}{5}$ 2. -1 3. $\frac{17}{5}$ 4. 1
60. Ramesh invested 30% more than Suresh. Suresh invested 40% less than Arun, who invested ₹8,000. The total amount invested by all of them together is:
 1. ₹19,020 2. ₹18,020 3. ₹19,040 4. ₹19,080
61. A labourer was engaged for a certain number of days for ₹8500, but due to his absence for some day, he was paid ₹6,050 only. Find the number of days that he was absent.
 1. 49 2. 45 3. 44 4. 42
62. If the radius of a cylinder is decreased by 40% and the height is increased by 60% to form a new cylinder, then the volume will be decreased by:
 1. 41.5% 2. 32.4% 3. 40.5% 4. 42.4%
63. Three numbers are in the ratio 2 : 3 : 4. The sum of their squares is 2349. Find the average of these three numbers.
 1. 27 2. 29 3. 24 4. 25
64. Study the histogram and answer the question given below.

The given graph represents the percentage of marks scored by students in class X Board Examination in 2018 in a school.

Total number of students = 250



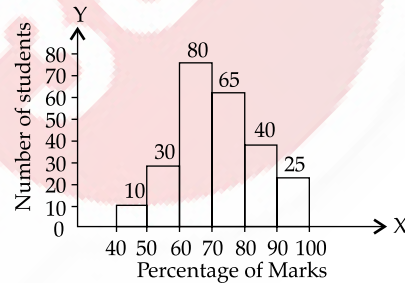
The difference between the percentage of students who scored less than 70% marks and the percentage of students who scored 80% and above is:

1. 25% 2. 18% 3. 24% 4. 22%
65. 70 males and 100 females are working in a firm. During one mass recruitment drive, an equal number of males and females are recruited and their ratio becomes 3 : 4. The total number of people working in the firm after recruitment is:
 1. 240 2. 200 3. 210 4. 220
66. A reduction of 15% in the price of sugar enables Aruna Rai to buy 6 kg more for ₹272. The reduced price of sugar per kg is:
 1. ₹7.80 2. ₹6 3. ₹6.80 4. ₹6.50
67. The speed of A is 20 km/h more than the speed of B. The time that A takes to travel a distance of 300 km is 2 hours less than the time that B takes to travel a distance of 240 km. What is the speed (in km/h) of A?
 1. 30 2. 40 3. 45 4. 50

68. A is 120% of B and B is 65% of C. If the sum of A, B and C is $121\frac{1}{2}$, then the value of $2C - 4B + A$ is:
 1. 15 2. 9 3. 10 4. 12
69. Between two consecutive years, my income is in the ratio 2 : 5 and expenses are in the ratio 4 : 7. If my income in the second year is ₹75,000 and my expenses in the first year are ₹20,000, then my total savings in the two years together are:
 1. ₹55,000 2. ₹60,000 3. ₹50,000 4. ₹40,000
70. The average of eight consecutive numbers is 10.5. The largest number is:
 1. 14 2. 15 3. 18 4. 16
71. A shopkeeper sold 25 articles in such a way that he gets a profit which is equal to the selling price of 5 articles. Find his profit percent?
 1. 20% 2. 30% 3. 25% 4. 18%
72. If the width of the path around a square field is 4.5 m and the area of the path is 252m^2 , then the length of the side of the field is:
 1. 9.5 m 2. 9 m 3. 8 m 4. 8.5 m
73. A can do piece of work in 60 days. He works at it for 15 days, and then B alone finishes the remaining work in 30 days. In how many days can A and B working together finish the same work?
 1. 22 days 2. 25 days 3. 20 days 4. 24 days
74. Study the histogram and answer the question given below.

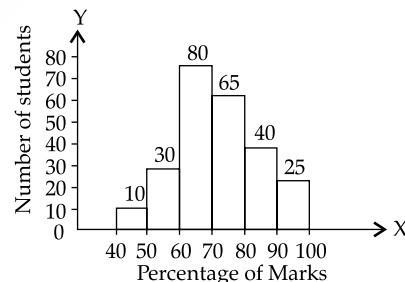
The given graph represents the percentage of marks scored by students in class X Board Examination in 2018 in a school.

Total number of students = 250



The ratio of the number of students who scored marks less than 60% to the number of students who scored marks 80% and above is:

1. 7 : 11 2. 8 : 13 3. 7 : 13 4. 8 : 15
75. Study the histogram and answer the question given below.
- The given graph represents the percentage of marks scored by students in class X Board Examination in 2018 in a school.
- Total number of students = 250



The number of students who scored less than 60% marks is approximately what percentage less than the number of students who scored 70% and above?

1. 68.35% 2. 68% 3. 69.23% 4. 67.23%

General Awareness

76. _____ is a palace in Jaipur, built by Sawai Pratap Singh.
 1. Lallgarh Palace 3. Hawa Mahal
 2. Umaid Bhavan 4. Sajjangarh Palace
77. The river Indus was called _____ by the Iranians the Greeks about 2500 years ago.
 1. Vitasta 2. Karnali 3. Vipasa 4. Hindos
78. Which of the following fall under Phylum Cnidarian of the animal kingdom?
 1. Sea urchins 3. Snails
 2. Earthworms 4. Corals
79. Which Indian finance minister was India's delegate to the World Monetary Conference at Bretton Woods in 1944?
 1. KC Neogy 3. John Mathai
 2. CD Deshmukh 4. RK Shanmukham Chetty
80. Which of the following is a book by former Prime Minister of India, Indira Gandhi?
 1. Discovery of India 3. My Experiments with Truth
 2. Wings of Fire 4. My Truth
81. Which of the following statements about tides is INCORRECT?
 1. High tides occur when the moon is in its first and last quarter.
 2. Low tides are also called neap tides.
 3. Tides are caused by the gravitational pull exerted by the sun and the moon on Earth's surface.
 4. Spring tides occur on full moon and new moon days.
82. 'Microliths' were _____ used by early humans.
 1. coins 3. clothes
 2. stone tools 4. earthen pots
83. Starch and sugar in our food are forms of _____.
 1. proteins 3. vitamins
 2. fats 4. carbohydrates
84. _____ is a dance which combines speech, mime and pure dance.
 1. Kathakali 3. Mohiniattam
 2. Bharatanatyam 4. Kuchipudi
85. Which of the following statements is not true about bryophytes?
 1. They are called the amphibians of the plant kingdom.
 2. They have a special channel for the flow of water and other substances from one part of the plant body to another.
 3. Their body is usually differentiated into stem and leaf-like structures.
 4. Mosses (Funaria) and Marchetia are examples of bryophytes.
86. Which of the following badminton players has NEVER won an Arjuna Award?
 1. PV Sindhu 3. Parul Parmar
 2. Neha Pandit 4. Ashwini Ponnappa
87. Which of the following persons was NOT a part of the Committee of Administrators (CoA) appointed by the Supreme Court of India in 2017, to oversee the implementation of the Lodha reforms in the Board of Control for Cricket in India (BCCI)?
 1. Vinod Rai 3. Vikram Limaye
 2. Mahim Verma 4. Ramachandra Guha
88. As per a report of the Ministry of Statistics and Programme Implementation (Government of India), India recorded an Infant Mortality Rate (IMR) of _____ to 1000 live births in the year 2016.
 1. 68 2. 55 3. 34 4. 47
89. Which of the following Indian states was one of the worst affected by the tsunami on 26th December 2004?
 1. Bihar 3. Tamil Nadu
 2. Maharashtra 4. Uttar Pradesh
90. Mechanical energy is the sum of potential energy and _____ energy.
 1. kinetic 2. heat 3. electrical 4. chemical
91. The Indian Super League (ISL) is a _____ championship.
 1. cricket 2. kabaddi 3. kho-kho 4. football
92. Article _____ of the Constitution of India deals with freedom to manage religious affairs.
 1. 21 2. 26 3. 51 4. 56
93. A wooden bat can be classified as a/an _____ object.
 1. translucent 3. lustrous
 2. opaque 4. transparent
94. Which Part of the Constitution of India deals with citizenship?
 1. Part 6 2. Part 3 3. Part 2 4. Part 5
95. We celebrate 'Samvidhan Divas' on _____ every year, to commemorate the adoption of the Constitution of India.
 1. 26th January 3. 15th September
 2. 26th November 4. 15th August
96. Which of the following books has been written by Munshi Premchand?
 1. Gitanjali 3. Chokher Bali
 2. Gora 4. Nirmala
97. Which of the following is a tributary of the river Ganga?
 1. Sabarmati 2. Mahi 3. Ghaghra 4. Bhima
98. To which of the following sectors of the economy do Basel III norms belong?
 1. Banking 3. Automobile
 2. Capital market 4. Aviation
99. The tenth day after _____ Navratri is celebrated as Dussehra or Vijayadashami.
 1. Sharad 3. Chaitra
 2. Ashadha Gupt 4. Magha Gupt
100. Rulers of mahajanapadas in ancient India collected a tax called 'Bhaga' from the _____ in their region.
 1. farmers 3. crafts persons
 2. herders 4. hunters and gatherers

Answer Key

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

Answers with Explanations

1. **Option (2) is correct.**
'Efficient' is productive of desired effects. So 'common' is the antonym. Both 'expert' and 'clever' are near synonyms.
2. **Option (4) is correct.**
The idiom 'close to one's heart' means very personal and emotionally important to one. So 'dear and important to oneself' is appropriate.
3. **Option (1) is correct.**
Aviary is a large enclosure for confining birds. An apiary is a location where beehives of honey bees are kept. A barn is an agricultural building usually on farms. Shed is a small building usually used for storage or shelter.
4. **Option (3) is correct.**
Delicate is easily broken or damaged. So 'frail' is a synonym and 'robust' is an antonym.
5. **Option (2) is correct.**
The farmer is cutting the corn which has ripened in the fields. Here, 'which has ripened' should be used instead of 'which has ripen.' With 'has/have', the past participle form of the verb (ripened) is used.
6. **Option (1) is correct.**
'Poetry' is the wrongly spelt word; it should have been 'poultry'.
7. **Option (1) is correct.**
The idiom 'go bonkers' means 'to be or become wild, restless, irrational, or crazy'. Example: The boy went bonkers after getting a PS5. become crazy.
8. **Option (1) is correct.**
I paid the plumber for repairing the pipes. Here, 'for repairing' will replace 'for repair'. Generally, when a preposition (except 'to') is followed by a verb, it takes the "-ing" form.
9. **Option (1) is correct.**
The task has been assigned to the juniors. Assigned means allocate (a job or duty). Attached means 'liking somebody'.
10. **Option (2) is correct.**
The strong wind blew out all the candles. 'Blew out' means 'to extinguish by a gust'. "To blow out" is a phrasal verb that means, in this case, "to extinguish". 'Blow off' implies movement by the wind.
11. **Option (1) is correct.**
There are very few people in this world who are bold enough to defy social customs. It is to be noted that 'few' is used with countable nouns in plural form; while 'little' is used with uncountable nouns. Moreover, in the sentence, 'peoples' will change to 'people', as it does not take an 's' to signify plural.
12. **Option (3) is correct.**
I visit my grandparents regularly. 'Continuously' means 'without any interval'; 'unevenly' connotes 'that is not plain/regular'; 'regularly' means 'at uniform intervals of time'.
13. **Option (2) is correct.**
An imposter is a person who pretends to be someone else. Mentor is an experienced and trusted adviser. Gangster is a member of a gang of violent criminals.
14. **Option (2) is correct.**
The children jumped for joy when they saw the slides in the park. "Jump for joy" is a phrase that means 'to be extremely happy'. There is no phrase as 'at joy'.
15. **Option (2) is correct.**
He got away from punishment as there was not enough evidence against him. The phrase 'get away from' means to avoid being caught by (someone) or to go away from (a place). The verb 'got' will take its past form because the whole sentence is in the past tense. No substitution required.
16. **Option (2) is correct.**
Baffle means totally bewilder or perplex. So 'perplex' is the synonym and 'clarity' is the antonym.
17. **Option (3) is correct.**
This lesson is much easier than the previous one. In the given sentence, the two things are compared hence, we need to use a comparative degree. The use of 'than' makes it obvious. So 'easier' is appropriate. We negate 'more easier' on the grounds that we cannot use double negatives in a sentence. So 'much easier' is correct.
18. **Option (2) is correct.**
Stable means firmly fixed or not likely to move or change. So 'shaky' is the opposite. All options, except (2) are near synonyms of 'stable'.
19. **Option (4) is correct.**
'Flowerist' is spelt incorrectly; it will be 'florist'. Florist is a person who sells and arranges cut flowers.
20. **Option (3) is correct.**
What is the reason for this chaos? The interrogative pronoun is 'what', it functions as the subject of the verb 'is'.
21. **Option (1) is correct.**
The judge, in a solemn manner, declared that there was enough evidence. Since the main verb is 'declared', it will be followed by an object, in the form of a noun clause. This clause is introduced by 'that', not 'what/which/so'.
22. **Option (4) is correct.**
There was enough evidence to prove that...Since the word 'evidence' is mentioned, the verb 'prove' justifies the context.
23. **Option (1) is correct.**
Max had indeed stolen his neighbour's cat. With the past perfect 'had', the past participle agrees. So 'stolen' is appropriate.
24. **Option (2) is correct.**
This was a serious crime. 'Serious; implying 'with bad consequences'. Sober means calm. Steady means not suddenly or unexpectedly.
25. **Option (3) is correct.**
serious crime and deserved an appropriate punishment. 'Appropriate' means 'suitable or right for a particular situation or occasion'. Improper is something against a law or a rule.
26. **Option (3) is correct.**
Given series:
11, 13, 16, 26, 41, 67, 102, ?
The pattern followed here is:

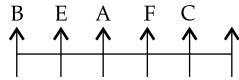
11	13	16	26	41	67	102	152
↑	↑	↑	↑	↑	↑	↑	↑
+2	+3	+10	+15	+26	+35	+50	
↑	↑	↑	↑	↑	↑	↑	↑
+1	+7	+5	+11	+9	+15		
↑	↑	↑	↑	↑	↑	↑	↑
+6	-2	+6	-2	+6			
- Hence, 152 is the correct answer.
27. **Option (2) is correct.**
According to question,
A is sitting second to the right of B,

B	A	↑	↑	↑	↑
↑	↑	↑	↑	↑	↑

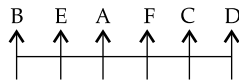
C is the second right of A

B	A	C	↑	↑
↑	↑	↑	↑	↑

while F is second to the right of E.



then the sitting position of D in respect of F is:



Hence, D is second right of F.

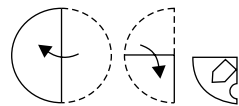
28. Option (3) is correct.

The correct is as follows:

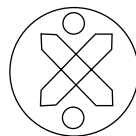
2. Dreamer	4. Dreamland	1. Dreamlike	5. Dreamtime	3. Dreamy
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29. Option (1) is correct.

Given that:



The logic of symmetry will be followed here. Hence,



30. Option (2) is correct.

Given that:

RLKQSN

In the mirror image left becomes right and the right becomes left. Hence, the required image is:

NI2QJ1Я

31. Option (1) is correct.

Given expression: $92 * 4 * 36 * 13 * 9 = 104$

BODMAS Rule will be applied here

Upon checking option 1, $\div, -, +, \times$

After placing these signs in the question

$$\Rightarrow 92 \div 4 - 36 + 13 \times 9 = 104$$

$$\Rightarrow 23 - 36 + 13 \times 9 = 104$$

$$\Rightarrow 23 - 36 + 117 = 104$$

$$\Rightarrow 23 - 36 + 117 = 104$$

$$\Rightarrow 140 - 36 = 104 = \text{RHS}$$

32. Option (1) is correct.

Tuesday: Saturday:: May: _____.

Tuesday: Saturday

According to week days

Tuesday + 4 days = Saturday

According to months

May + 4 months = September

Hence, september is the correct answer.

33. Option (2) is correct.

The pattern followed here is: The sum of the positional value of letter - 3 = Number code

STAMINA is coded as 74

Alphabets	S	T	A	M	I	N	A
Positional value	19	20	1	13	9	14	1

$$19 + 20 + 1 + 13 + 9 + 14 + 1 = 77$$

$$\Rightarrow 77 - 3 = 74$$

Similarly,

IMPOSING can be coded as

Alphabets	I	M	P	O	S	I	N	G
Positional value	9	13	16	15	19	9	14	7

$$9 + 13 + 16 + 15 + 19 + 9 + 14 + 7 = 102$$

$$\Rightarrow 102 - 3 = 99$$

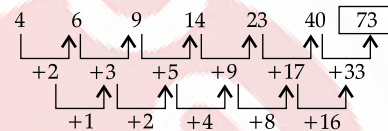
Hence, 99 is the correct answer.

34. Option (2) is correct.

Given expression:

4, 6, 9, 14, 23, 40, ?

The pattern followed here is:



Hence, the correct answer is 73.

35. Option (1) is correct.

Upon checking option 1,

Given equation:

$$32 \times 21 + 9 \div 184 - 8 = 198$$

If - is interchanged with \div and + is interchanged with \times , we get

$$32 + 21 \times 9 - 184 \div 8 = 198$$

$$\Rightarrow 32 + 21 \times 9 - 23 = 198$$

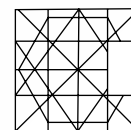
$$\Rightarrow 32 + 189 - 23 = 198$$

$$\Rightarrow 221 - 23 = 198$$

$$\Rightarrow 198 = 198, \text{LHS} = \text{RHS}$$

36. Option (3) is correct.

Given figure:



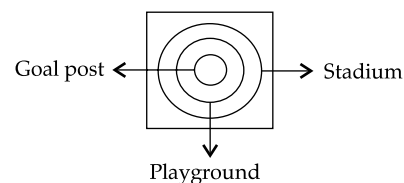
According to the pattern followed and the symmetry.

The required figure is:



37. Option (2) is correct.

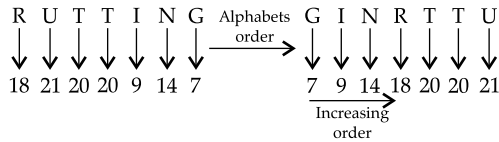
The best suitable venn diagram for the give words is:



38. Option (1) is correct.

Given that: In a row of 47 persons, X is 14th from the front while Y is 17th from the back,

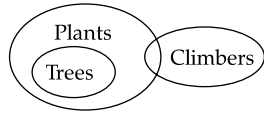
Similarly, RUTTING can be written as:



Hence, GINRTTU is the correct answer.

46. Option (4) is correct.

As per the statements, following venn diagram can be made:



- I. Some plants are trees---True (As all trees are plants, so some plants are trees is true)
- II. Some trees are climbers -False (No direct relation is given between them, hence, False)

Hence, only conclusion I follows.

47. Option (2) is correct.

Given set: 46 : 82 : 154

The pattern followed here is:

$$46 \times 2 = 92 \rightarrow 92 - 10 = 82$$

$$82 \times 2 = 164 \rightarrow 164 - 10 = 154$$

Similarly, upon checking option 2, we get

$$62 : 116 : 224$$

$$62 \times 2 = 124 \rightarrow 124 - 8 = 116$$

$$116 \times 2 = 232 \rightarrow 232 - 8 = 224$$

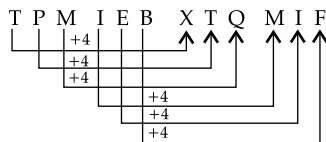
Hence, it follows the same pattern.

48. Option (1) is correct.

Given series:

TPM, IEB, XTQ, ?

The pattern followed here is:



Hence, MIF is the correct option.

49. Option (3) is correct.

Given that:

IRONING is written as OWSQKOG,

The pattern followed here is:



Similarly, SHERIFF can be written as:



Hence, YMIUKGF is the correct answer.

50. Option (1) is correct.

Given that: 'Truck' is related to 'Road' in the same way as 'Tram' is related to '_____'.
The pattern followed here is:

Truck is driven on roads, similarly
Tram is driven on Railway Tracks.
Hence, Rail is correct answer.

51. Option (4) is correct.

Let the sum be ₹ P

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

According to question

$$3P = P \left(1 + \frac{R}{100} \right)^4$$

$$3 = \left(1 + \frac{R}{100} \right)^4 \quad \dots(1)$$

According to question

$$9P = P \left(1 + \frac{R}{100} \right)^4$$

$$9 = \left(1 + \frac{R}{100} \right)^4$$

$$(3)^2 = \left(1 + \frac{R}{100} \right)^4$$

From equation (1)

$$\left(1 + \frac{R}{100} \right)^4 = \left(1 + \frac{R}{100} \right)^n$$

On comparing $n = 8$ years

52. Option (4) is correct.

since Speed = $\frac{\text{Distance}}{\text{Time}}$

$$= \frac{275}{5} = \frac{110 \text{ km}}{\text{hour}}$$

So, time taken to cover 440 km = $\frac{440}{110} = 4$ hours

53. Option (2) is correct.

SP of 1st article = $\frac{4x \times 110}{100} = \frac{44x}{10}$

SP of 2nd article = $\frac{5x \times 120}{100} = \frac{60x}{10}$

Difference in SP = $\frac{60x}{10} - \left(\frac{44x}{10} \right) = ₹ 480$

$$\Rightarrow \frac{16x}{10} = 480$$

$$\Rightarrow x = \frac{480 \times 10}{16} = ₹ 300$$

CP of both the articles = $4x + 5x = 9x$
= $9 \times 300 = ₹ 2,700$

54. Option (3) is correct.

Let the money lent at 8% be x

Let the money lent at 10% be (17,200 - x)

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

$$\Rightarrow \frac{x \times 8 \times 2}{100} + \frac{(17200 - x) \times 10x^2}{100} = ₹ 3,008$$

$$\Rightarrow 4x = 344000 - 300800$$

$$\Rightarrow 4x = 43,200$$

$$\Rightarrow x = ₹ 10,800$$

55. Option (1) is correct.

$$\text{Volume of frustum of cone} = \left(\frac{1}{3}\right)\pi h(r_1^2 + r_2^2 + r_1 r_2)$$

$$= \left(\frac{1}{3}\right) \times \left(\frac{22}{7}\right) \times 12(20^2 + 13^2 + 20 \times 13)$$

$$= \left(\frac{1}{3}\right) \times \left(\frac{22}{7}\right) \times 12[(400 + 169 + 260)]$$

$$= \frac{88}{7} \times 829$$

$$= 10,421.7 \text{ cm}^3$$

$$= 1 \text{ cm}^3 = \frac{1}{1000} \text{ litre}$$

Hence, $10421.7 \text{ cm}^3 = 10.4 \text{ litres}$.

56. Option (2) is correct.

Let the length of the rectangular field be l and breadth of the rectangular field be b
So, Perimeter of the Field = $2(l + b)$

$$2(l + b) = 386 \quad \dots(1)$$

$$l + b = 193$$

$$l - b = 95 \quad \dots(2)$$

$$2l = 288$$

$$l = 144$$

$$b = 193 - 144 = 49$$

Since area of rectangle = Area of square
 $l \times b = \text{side} \times \text{side}$
 $144 \times 49 = (\text{side})^2$

On taking root both the sides
Side = $12 \times 7 = 84 \text{ m}$

57. Option (4) is correct.

$$\text{Mean} = \frac{\text{sum of all observations}}{\text{number of observations}}$$

$$21 = \frac{x + 1 + x + 12 + 2x + 3 + 3x + 5}{4}$$

$$7x + 21 = 84$$

$$7x = 84 - 21$$

$$x = \frac{63}{7}$$

$$x = 9$$

58. Option (4) is correct.

14 men can complete the work in 16 days.

Hence, 1 man will complete the work in 18×14 days.

Similarly, 21 men will complete the work in $\frac{18 \times 14}{21} = 12$ days

59. Option (2) is correct.

$$\left[2 - \left(\frac{6}{7}\right) \text{ of } 21 + 5.25\right]$$

$$\left(\frac{3}{4}\right) \text{ of } (15.8 - 3.4) + 5 \times 2.39$$

Using BODMAS rule, we get

$$= \left[2 - (6 \times 3 + 5.25)\right]$$

$$= \left(\frac{3}{4}\right) \text{ of } 12.4 + 11.95$$

$$= \left[2 - (23.25)\right] = \frac{-21.25}{21.25} = -1$$

60. Option (3) is correct.

Let Arun's share be 100 unit

So, Suresh's share will be = 60 unit

and Ramesh's share will be = $\frac{130}{100} \times 60 = 78$ unit

According to question

100 unit = ₹ 8000

Hence, 1 unit = ₹ 80

Total amount invested = 238 units = $238 \times 80 = ₹ 19,040$

61. Option (1) is correct.

Given: A labourer was engaged for a certain number of days = ₹ 8500

Due to absence, he was paid = ₹ 6050

Now,

The ratio of the above two can be written as = (8500:6050)

$\Rightarrow 170 : 121$

Now,

The number of days he was absent = $(170 - 121) = 49$ days.

62. Option (4) is correct.

Let the original radius = r

$$\text{New radius} = \left(\frac{60}{100}\right)r = \left(\frac{3}{5}\right)r$$

Original height = h

$$\text{New height} = \left(\frac{160}{100}\right)h = \frac{8}{5}h$$

Original volume of the cylinder = $\pi r^2 h$

$$\text{New volume of the cylinder} = \frac{\pi 9}{25} r^2 \left(\frac{8}{5}\right) = \left(\frac{72}{125}\right)\pi r^2 h$$

$$\% \text{ decrease in volume} = \frac{\left[\left(\pi r^2 h\right) - \left(\frac{72}{125}\right)\pi r^2 h\right]}{\left(\pi r^2 h\right)} \times 100$$

$$= \frac{\left[\left(\pi r^2 h\right)(125 - 72)\right]}{125\left(\pi r^2 h\right)} \times 100$$

$$= \frac{53}{125} \times 100 = 42.4\%$$

63. Option (1) is correct.

Let the three numbers be $2x, 3x, 4x$

According to question

$$(2x)^2 + (3x)^2 + (4x)^2 = 2349$$

$$4x^2 + 9x^2 + 16x^2 = 2349$$

$$x^2 = \frac{2349}{29}$$

$$x^2 = 81$$

$$\Rightarrow x = 9$$

$$\text{Average of 3 numbers} = \frac{2x + 3x + 4x}{3} = \frac{9x}{3} = 3x$$

$$= 3 \times 9 = 27$$

64. Option (4) is correct.

The number of students who has scored less than 70% marks = 10 + 30 + 80 = 120

The percentage of students who has scored less than 70% marks = $\left(\frac{120}{250}\right) \times 100 = 48\%$

The number of students who has scored 80% marks and above = 40 + 25 = 65

The percentage of students who has scored 80% marks and above = $\left(\frac{65}{250}\right) \times 100 = 26\%$

Hence, the required difference = 48% - 26% = 22%

65. Option (3) is correct.

Let the number of males recruited = x

Let the number of females recruited = y

According to question:

$$\begin{aligned} x &= y \\ \frac{70+x}{100+y} &= \frac{3}{4} \end{aligned}$$

$$280 + 4x = 300 + 3y$$

$$280 + 4x = 300 + 3x, \text{ because } y = x$$

$$x = 20$$

Now, total members in the firm

$$= 70 + 100 + 20 + 20 = 210$$

66. Option (3) is correct.

$$\text{Decrease in price of Sugar} = 15\% = \left(\frac{15}{100}\right) = \frac{3}{20}$$

Now, the cost of 6 kg sugar = ₹ 272

$$\text{Then, the cost of 1 kg sugar} = ₹ \frac{272}{6}$$

$$\begin{aligned} \text{Now, the reduced price of sugar} &= \left(\frac{272}{6}\right) \times \left(\frac{3}{20}\right) \\ &= \frac{136}{20} = ₹ 6.80 \end{aligned}$$

67. Option (4) is correct.

Let the speed of B be x km/h

So, the speed of A will be (x + 20) km/h

According to question:

$$\left(\frac{240}{x}\right) - \left[\frac{300}{x+20}\right] = 2$$

$$\frac{240 + 4800 - 300x}{x^2 + 20x} = 2$$

$$2x^2 + 40x = -60x + 4800$$

$$2x^2 + 40x + 60x - 4800 = 0$$

$$2x^2 + 100x - 4800 = 0$$

$$2x^2 + 160x - 60x - 4800 = 0$$

$$2x(x + 80) - 60(x + 80) = 0$$

$$(2x - 60)(x + 80) = 0$$

$$x = 30, x = -80$$

Now, the speed of A will be

$$(x + 20) \text{ km/h} = (30 + 20) \text{ km/h} = 50 \text{ km/h}$$

68. Option (2) is correct.

$$A = \frac{120}{100} B$$

$$A = \frac{6}{5} B \Rightarrow \frac{A}{B} = \frac{6}{5} \dots(1)$$

$$B = \frac{65}{100} C \Rightarrow \frac{13}{20} C \Rightarrow \frac{B}{C} = \frac{13}{20} \dots(2)$$

Make B equal in equation 1 and 2

$$\frac{A}{B} = \left(\frac{6}{5}\right) \times \left(\frac{13}{20}\right)$$

$$\frac{B}{C} = \left(\frac{13}{20}\right) \times \left(\frac{5}{5}\right)$$

$$\frac{A}{B} = \left(\frac{78}{100}\right), \left(\frac{B}{C}\right) = \left(\frac{65}{100}\right)$$

Hence, A:B:C = 78:65:100

$$A + B + C = 78:65:100$$

$$\Rightarrow A + B + C = 78x + 65x + 100x$$

$$= 243x = 121 \left(\frac{1}{2}\right)$$

$$\Rightarrow x = \frac{243}{2 \times 243} = \frac{1}{2}$$

$$2C - 4B + A = 2 \times 100x - 4 \times 65x + 78x = 18x$$

$$= 18 \left(\frac{1}{2}\right) = 9$$

69. Option (3) is correct.

1st Year: Income (2x), Expense (4y), Savings (2x - 4y)

2nd Year: Income (5x), Expense (7y), Savings (5x - 7y)

According to question:

$$5x = ₹ 75000$$

$$x = ₹ 15000$$

$$\Rightarrow 4y = ₹ 20,000$$

$$\Rightarrow y = ₹ 5,000$$

The total savings in two years together

$$= 2x - 4y + 5x - 7y = 7x - 11y$$

$$= 7 \times 15000 - 11 \times 5000$$

$$= 105,000 - 55,000$$

$$= ₹ 50,000$$

70. Option (1) is correct.

Let the numbers be

$$= (x - 4), (x - 3), (x - 2), (x - 1), (x), (x + 1), (x + 2), (x + 3)$$

$$[(x - 4) + (x - 3) + (x - 2) + (x - 1) + (x)$$

$$+ (x + 1) + (x + 2) + (x + 3)]$$

$$\text{Average} = \frac{\quad}{8}$$

$$10.5 \times 8 = 8x - 4$$

$$\Rightarrow 8x = 84 + 4$$

$$\Rightarrow x = \frac{88}{8}$$

$$\Rightarrow x = 11$$

Hence, the largest number will be

$$x + 3 = 11 + 3 = 14$$

71. Option (3) is correct.

Let the SP of each article = ₹ x

Profit = ₹ 5x

SP of 25 articles = ₹ 25x

CP of 25 articles = ₹ 25x - ₹ 5x = ₹ 20x

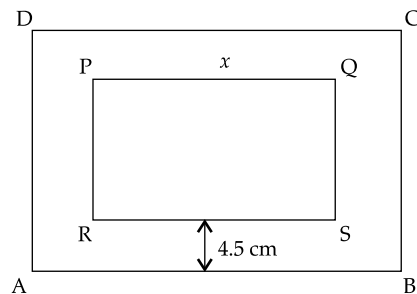
$$\text{Profit \%} = \frac{SP - CP}{CP} \times 100$$

$$= \frac{25x - 20x}{20x} \times 100$$

$$= \frac{5x}{20x} \times 100 = 25\%$$

72. **Option (1) is correct.**

Let the side of the interior square be x



Hence, the side of exterior square = $x + 4.5 + 4.5 = x + 9$

Area of path = area of square ABCD – area of square PQRS

$$252 = (x + 9)^2 - x^2$$

$$\Rightarrow (x + 9 + x)(x + 9 - x) = 252$$

$$\Rightarrow (2x + 9) \times 9 = 252$$

$$\Rightarrow 2x + 9 = 28$$

$$\Rightarrow 2x = 28 - 9$$

$$\Rightarrow 2x = 19$$

$$\Rightarrow x = 9.5$$

Hence, the length of side of the field = 9.5 m

73. **Option (4) is correct.**

A can do a piece of work in 60 days

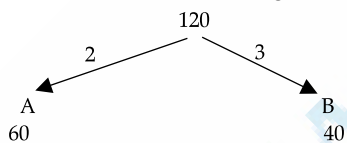
$$1 \text{ day work of A} = \frac{1}{60}$$

$$15 \text{ days work of A} = \frac{15}{60} = \frac{1}{4}$$

$$\text{Remaining work} = 1 - \left(\frac{1}{4}\right) = \frac{3}{4}$$

$$\left(\frac{3}{4}\right) \text{th of work is done by B in 30 days}$$

$$\text{Hence, complete work is done by B} = \frac{30 \times 4}{3} = 40 \text{ days}$$



Number of days A and B take while working together =

$$\frac{120}{2 + 3} = \frac{120}{5} = 24 \text{ days}$$

74. **Option (2) is correct.**

Number of students who has scored less than 60% marks

Number of students who has scored 80% and above marks

$$= \frac{10 + 30}{40 + 25} = \frac{40}{65} = \frac{8}{13} \Rightarrow 8 : 13$$

75. **Option (3) is correct.**

The number of students who has scored less than 60% marks = $10 + 30 = 40$

The number of students who has scored 80% and above marks = $65 + 40 + 25 = 130$

$$\text{Required \%} = \frac{130 - 40}{130} \times 100$$

$$= \frac{90}{130} \times 100$$

$$= 69.23\%$$

76. **Option (3) is correct.**

Hawa Mahal is a palace in Jaipur, built by Sawai Pratap Singh, dedicated to Lord Krishna. The Hawa Mahal is also a cultural and architectural marvel that reflects a truly harmonious amalgamation of the Hindu Rajput and Islamic Mughal architectural styles. This palace is a five-story pyramidal shaped monument that rises to about 50 feet (15 m).

77. **Option (4) is correct.**

The Indus River running through northwest India into Pakistan received its name from the Sanskrit term sindhu. The River Indus was called Hindos by the Iranians and the Greeks about 2500 years ago. Both Greeks and Iranians for identification of people living near Indus valley/river called them Hindus or Indus which means the land to the east of the river called Indus.

78. **Option (4) is correct.**

Cnidaria is a phylum under kingdom Animalia containing over 11,000 species of aquatic animals found both in freshwater and marine environments. Corals fall under Phylum Cnidarian of the animal kingdom. Nearly 99% of cnidarians are marine species. This phylum includes diverse animals like jellyfish, sea anemones, corals, and Hydra. The phylum Cnidaria encompasses five classes: Anthozoa, Cubozoa, Hydrozoa, Scyphozoa, and Staurozoa.

79. **Option (4) is correct.**

Sir Ramasamy Chetty Kandasamy Shanmukham Chetty KCIE was an Indian lawyer, economist and politician. He was the Finance Minister of India when the country's first budget was tabled in Parliament on 26 November 1947 and India's delegate to the World Monetary Conference at Bretton Woods in 1944. He was born on 17 October 1892 into an affluent family of mill owners in Coimbatore.

80. **Option (4) is correct.**

The book 'My Truth' is written by by former Prime Minister of India, Indira Gandhi. The book unfolds the life of a gifted person born into a remarkable family. Indira Gandhi was an Indian politician and stateswoman who served as the third prime minister of India from 1966 to 1977 and from 1980 until her assassination in 1984. "My Truth" depicts the unexplored aspects of Indira Gandhi's life.

81. **Option (1) is correct.**

The statement 'High tides occur when the moon is in its first and last quarter' is incorrect. Neap tides occur around the first and last quarter phase of the Moon, when the Moon's orbit around Earth brings it perpendicular to the Sun. Tidal phenomena are not limited to the oceans, but can occur in any system with a varying gravitational field in time and space.

82. **Option (2) is correct.**

'Microliths' were stone tools used by early humans. It is a small stone tool usually made of flint or chert and typically a centimeter or so in length and half a centimeter wide. The period between the Paleolithic and Neolithic periods is called the Middle Stone Age or the Mesolithic period. Retouched bladelets are the key factors in identifying the Mesolithic as a prehistoric period.

83. **Option (4) is correct.**

Starch and sugar in our food are forms of carbohydrates. Starchy carbohydrates include foods such as bread, rice, pasta, potatoes and breakfast cereals, whilst sugars include those that naturally occur in fruit and milk but also added sugars used in cakes and biscuits as well as table sugar. Sucrose and starches are carbohydrates formed by two or more sugars bonded together.

84. **Option (4) is correct.**

Kuchipudi is a dance which combines speech, mime and pure dance. It is a traditional Indian classical dance that originated in Andhra Pradesh. Kuchipudi is a dance-drama performance, with its roots in the ancient Hindu Sanskrit text of Natya Shastra. Siddhendra Yogi first developed a unique and

particular style based on the Natyashastra, Bharatamuniand Nandikeshwara's Abhinaya Darpana.

85. Option (2) is correct.

From the given options, only option 2 is incorrect regarding bryophytes. Bryophytes are also called amphibians of the plant world because these plants can live in the soil but depend on water for sexual reproduction. Sequentially, Pteridophyta is the first terrestrial plant to possess vascular tissue - xylem and phloem. Therefore bryophytes are non-vascular plants.

86. Option (2) is correct.

From the given options, only Neha Pandit (badminton players) has never won an Arjuna Award while she is first Indian to win a medal in Badminton at the Olympics. PV Sindhu won an Arjuna Award on September 24, 2013, for her outstanding achievement in badminton. Parul Parmar was awarded the Arjuna Award in 2009 by the Government of India and Eklavya Award by the Government of Gujarat. Ashwini Ponnappa achieved Arjuna Award for badminton in 2012.

87. Option (2) is correct.

Lodha committee was formed by Supreme Court of India in January 2015 under Justice RM Lodha to analyze and recommend implementable actions for improving the BCCI. The members of Justice Lodha Committee are:

Chairman	Justice R. M. Lodha
Whole Time Member	Mr. G Mahalingam
SEBI - Member	Mr. Anand Rajeshwar Baiwar

The Committee of Administrators (CoA) was headed by Vinod Rai. The other members included Ramachandra Guaha, Diana Edulji, and Vikram Limaye. The CoA was appointed to run the daily affairs of BCCI.

Thus, we conclude that Mahim Verma was not a part of the Committee of Administrators.

88. Option (3) is correct.

The infant mortality rate is the number of infant deaths for every 1,000 live births. As per a report of the Ministry of Statistics and Programme Implementation (Government of India), India recorded an Infant Mortality Rate (IMR) of 34 to 1000 live births in the year 2016. It gives us information about maternal and infant health, the infant mortality rate is an important marker of the overall health of a society.

89. Option (3) is correct.

Indian Ocean tsunami of 2004, tsunami that hit the coasts of several countries of South and Southeast Asia in December 2004. Indian states Andhra Pradesh, Tamil Nadu, Kerala and the Union Territory of Pondicherry were the worst hit because of their proximity to the quake and relatively flat terrain. It was unprecedented in its intensity, magnitude and spread, which extended from the Andaman & Nicobar Islands in the heart of the Indian Ocean 1400 Km away from the mainland, to the coastal States of Tamil Nadu. However, the tsunami that followed killed more people than any other tsunami in recorded history, with 227,898 dead or missing in 14 countries across the Indian Ocean.

90. Option (1) is correct.

Mechanical energy is the energy that is possessed by an object due to its motion or due to its position. It is the sum of potential energy and kinetic energy. The principle of conservation of mechanical energy states that if an isolated system is subject only to conservative forces, then the mechanical energy is constant.

91. Option (4) is correct.

The Indian Super League (ISL) is a football championship which kicked off on 12th October 2014. It is an Indian professional league for men's association football clubs

which is also known as the Hero Indian Super League for sponsorship reasons. The league is committed to investing in stadium refurbishment in the ten identified venues and also to a strong grassroots development programme that will create a platform to groom football talent in the country.

92. Option (2) is correct.

Article 26 of the Constitution of India deals with freedom to manage religious affairs. Article 26 states that - Every human being has the inherent right to life. This right shall be protected by law. No one shall be arbitrarily deprived of his life. The right to religion guaranteed by Article 26 is subject to many limitations and is not absolute and unfettered.

93. Option (2) is correct.

A wooden bat can be classified as a/an opaque object because an object is said to be opaque if it does not allow light to pass through it. When light passes through an opaque object either it gets absorbed in some cases or it gets reflected. Wood, cardboard and metals, are examples of opaque materials.

94. Option (3) is correct.

As of 2021, there are 25 parts in the Constitution of India with 448 articles. Part two of the Constitution of India deals with citizenship of the country. According to the Indian constitution, the Persons domiciled in the territory of India as on 26 November 1949 automatically became Indian citizens by virtue of the operation of the relevant provisions of the Indian Constitution coming into force.

95. Option (2) is correct.

'Samvidhan Divas' or Constitution Day is also known as 'National Law Day'. We celebrate 'Samvidhan Divas' on 26th November every year, to commemorate the adoption of the Constitution of India since 1979. The Constitution of India came into effect on 26th January 1950.

96. Option (4) is correct.

Nirmala is a Hindi fiction novel written by Indian writer Munshi Premchand which is published in 1928. It is one of the most poignant novels in Hindi on the theme of the young adolescent yoked to an elderly husband.

97. Option (3) is correct.

Ghaghra is a tributary of the river Ganga. It is a 1080 km long river that originates from Mapchachungo Glacier in Tibet. It is a perennial trans-boundary river that originates in the northern slopes. The River Ghaghara is called Karnali or Manchu in upper reaches and has its source in the Himalayan glacier about 60 km south-west at Mansarovar.

98. Option (1) is correct.

Basel Norm III is also known as the Third Basel Accord or Basel Standards. Basel norms are the international banking regulations to strengthen the international banking system. It is a regulatory framework followed on a voluntary basis on a global scale. These are meant to make banks more resilient and reduce the risk of shocks from global banking issues.

99. Option (1) is correct.

Navaratri is an annual Hindu festival observed in the honour of the goddess Durga also referred to as Adi Parashakti. The tenth day after Sharad Navratri is celebrated as Dussehra or Vijaydashami. The first nine days are celebrated as Navratri and the tenth day when Ravana is killed Dussehra is celebrated.

100. Option (1) is correct.

The Mahajanapadas were sixteen kingdoms or oligarchic republics that existed in ancient India. The rulers of mahajanapadas were engaged in building forts, maintaining huge armies for the protection of their territory and the subjects. They needed more resources which could be obtained from taxes. They collected a tax called 'Bhaga' from the farmers in their region. During the age of the mahajanapadas, tax on crops was the most important and it was fixed at 1/6th of what was produced.