

## STAFF SELECTION COMMISSION

### CONSTABLE (GD) IN CAPFS, SSF, ASSAM RIFLES & NCB

## SOLVED PAPER

(7<sup>th</sup> December 2020: Shift-2)

Time Allotted- 1 hours

Max marks- 180

#### Important Instructions:-

- This paper contains 90 questions which are divided into 3 sections.
- General Knowledge & General Awareness contains 50 questions
- General Intelligence & Reasoning contains 25 questions
- Elementary Mathematics contains 15 questions
- Computer proficiency section is not asked in the current exam pattern so this section is removed from the question paper.
- There will be 2 marks for each correct answer and also there will be negative marking of 0.5 marks for each wrong answer.
- Each question is compulsory to attempt and there will be no negative marking for unattempted questions.

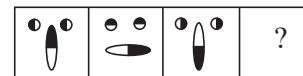
#### General Knowledge or Current Affairs

- In which of the following years was the Interim Government of India formed from the newly elected Constituent Assembly?  
1. 1943      2. 1940      3. 1945      4. 1946
- In which of the following Articles of the Indian Constitution is the Finance Bill mentioned?  
1. Article 145      2. Article 112  
3. Article 110      4. Article 134
- In India, how many sedimentary basins are there which cover an area of 3.14 million km<sup>2</sup>?  
1. 10      2. 19      3. 28      4. 26
- Jhijhiya is the famous cultural dance of which of the following states?  
1. Bihar      2. Madhya Pradesh  
3. Assam      4. Uttar Pradesh
- Nitrous oxide is a colourless and odourless substance that is also known as \_\_\_\_\_.  
1. laughing gas      2. sleeping gas  
3. balloon gas      4. tear gas
- \_\_\_\_\_ is a branch of horticulture as it deals with the cultivation of flowers and ornamental crops from the time of planting to the time of harvesting.  
1. Sericulture      2. Floriculture      3. Apiculture      4. Mariculture
- The CADC is formed under the 6<sup>th</sup> Schedule to the Constitution of India in 1972, for the Chakma ethnic people. What does CADC stand for?  
1. Chakma Autonomous District Corporation  
2. Chakma Autonomous District Council  
3. Chakma Attorney Deputy Council  
4. Chakma Associate District Council
- How many committees were set up by the Constituent Assembly for framing the Constitution?  
1. 13      2. 9      3. 11      4. 20
- The Dhyan Chand Award, named after the legendary player Major Dhyan Chand, is awarded for the lifetime contribution in the sports field. In which of the following sports did he represent India?  
1. Hockey      2. Boxing  
3. Badminton      4. Wrestling
- \_\_\_\_\_ deal(s) with the taxation and expenditure decisions of the Government.  
1. Monetary Policy      2. Labour Market Policies  
3. Trade Policy      4. Fiscal Policy
- Who among the following women army officers has been promoted to the second highest rank of Lieutenant General in the Indian Army in March 2020?  
1. Padmavathy Bandopadhyay      2. Nivedita Choudhary  
3. Punita Arora      4. Madhuri Kanitkar
- In which of the following years was the Security and Exchange Board of India (SEBI) established by the government of India to protect the interests of investors in securities and to promote and regulate the securities market?  
1. 1992      2. 1999      3. 1987      4. 1985
- The AIIB is a multilateral development bank with a mission to improve social and economic outcomes in Asia. What does AIIB stand for?  
1. Asian Investment Industrial Bank  
2. Asian Infrastructure Industrial Bank  
3. Asian Infrastructure Investment Bank  
4. African Infrastructure Investment Bank
- Which of the following is the longest river of Nepal?  
1. Trishuli      2. Arun      3. Tamor      4. Karnali
- The highest civilian awards of the country, 'The Padma Awards' were instituted in which of the following years?  
1. 1967      2. 1952      3. 1954      4. 1960
- Which of the following financial schemes was launched in 2014, to provide universal access to banking facilities to the Indian people?  
1. Pradhan Mantri Mudra Yojana (PMMY)  
2. Pradhan Mantri Jan Dhan Yojana (PMJDY)  
3. Stand Up India  
4. Pradhan Mantri Fasal Bima Yojana (PMFBY)
- Galvanisation is a method of protecting steel and iron from rusting by coating them with a thin layer of \_\_\_\_\_.  
1. tin      2. copper      3. aluminium      4. zinc
- Who among the following was the President of the Muslim League in 1930?  
1. Muhammad Ali Jinnah      2. Jawahar Lal Nehru  
3. Sir Mohammad Iqbal      4. Maulana Azad
- In which of the following countries is the headquarters of FIFA, the international federation governing association football, situated?  
1. Australia      2. Spain  
3. USA      4. Switzerland
- How many dynasties ruled Delhi during the Sultanate period (1206 AD – 1526 AD)?  
1. 6      2. 3      3. 5      4. 4

21. Dinesh Khara has been recommended by the Banks Board Bureau as the next Chairman of which of the following banks from October 2020?  
 1. Punjab Union Bank                      2. State Bank of India  
 3. Kotak Mahindra Bank                  4. Yes Bank
22. Who among the following leaders had introduced the 'Objective Resolution' in the Constituent Assembly on 13 December 1946?  
 1. Dr. BR Ambedkar                        2. SN Mukherjee  
 3. Subhash Chandra Bose                4. Jawahar Lal Nehru
23. With which of the following Constitutional amendments did the capital city Delhi get a Legislative Assembly with the enactment of the National Capital Territory Act, 1991?  
 1. 79<sup>th</sup> Constitutional Amendment  
 2. 67<sup>th</sup> Constitutional Amendment  
 3. 69<sup>th</sup> Constitutional Amendment  
 4. 56<sup>th</sup> Constitutional Amendment
24. The sale or liquidation of assets by the government, usually Central and State public sector enterprises, projects, or other fixed assets is called \_\_\_\_\_.  
 1. devaluation                                2. capitalisation  
 3. disinvestment                              4. privatisation
25. At which of the following places is the Raireswar temple located, where Chhatrapati Shivaji had taken the oath to build Hindavi Swarajya?  
 1. Bhor                      2. Mulshi                      3. Junnar                      4. Baramati
26. The famous Ambubachi Mela is held every year in which of the following cities of India?  
 1. Jalandhar                      2. Patna                      3. Jaipur                      4. Guwahati
27. Who among the following cricketers announced his retirement from the international cricket in August 2020?  
 1. Rohit Sharma                      2. Hardik Pandya  
 3. MS Dhoni                              4. Virat Kohli
28. Water containing \_\_\_\_\_ at concentrations below 60 milligrams per litre is generally considered as soft.  
 1. sodium carbonate                      2. potassium carbonate  
 3. calcium carbonate                      4. potassium bicarbonate
29. Which of the following banks has announced a strategic partnership with Adobe to help improve the digital experience journey of its customers in August 2020?  
 1. ICICI Bank                                2. HDFC Bank  
 3. State Bank of India                      4. Union Bank of India
30. In which year was the Lead Bank Scheme introduced by the Reserve Bank of India?  
 1. 1964                      2. 1969                      3. 1973                      4. 1975
31. The agro-based religious Nuakhai festival is celebrated in which of the following states?  
 1. Maharashtra                              2. Tamil Nadu  
 3. Kerala                                      4. Odisha
32. Who among the following is the founder ruler of the Lodhi Dynasty?  
 1. Daulat Khan Lodhi                      2. Sikandar Khan Lodhi  
 3. Ibrahim Khan Lodhi                      4. Bahlul Khan Lodhi
33. Which of the following rivers forms the part of the India-Bangladesh border, originates from South Tripura district and flows into Bangladesh?  
 1. Surma river                                2. Kaveri river  
 3. Sangu river                                4. Feni river
34. \_\_\_\_\_ is also known as brown coal of the lowest rank of coal due to its relatively low heat content.  
 1. Bitumen                      2. Lignite                      3. Anthracite                      4. Peat
35. Who among the following was the Secretary of the Constituent Assembly?  
 1. Hussain Imam                              2. Dr. Rajendra Prasad  
 3. HVR Iyengar                                4. HC Mookherjee
36. Bara Imambara, a historical edifice with marvellous architecture, is situated in which of the following cities?  
 1. Mumbai                      2. Panipat                      3. Lucknow                      4. Hyderabad
37. In which of the following states is the Brihadeswara Temple, the world's first temple built from granite, located?  
 1. Rajasthan                                2. Maharashtra  
 3. Gujarat                                      4. Tamil Nadu
38. Who among the following was the leader of the Ahom's Revolt, 1828?  
 1. Achal Singh                                2. Bhagat Jawahar Mal  
 3. Gomdhar Konwar                      4. Fond Sawant
39. Sri Jayewardenepura Kotte is the legislative capital of which of the following countries?  
 1. Bhutan                      2. Bangladesh                      3. Myanmar                      4. Sri Lanka
40. Which of the following diseases is caused by a virus?  
 1. Polio                      2. Ringworm                      3. Plague                      4. Cholera
41. Who among the following has written the novel 'In Custody'?  
 1. Dom Moraes                                2. Mulk Raj Anand  
 3. P Lal    4. Anita Desai
42. The book 'Cricket Drona' is written by Jat in Paranjape and Anand Vasu based on whom amongst the following Indian cricket coaches?  
 1. Kapil Dev                                      2. Anil Kumble  
 3. Ravi Shastri                                4. Vasoo Paranjape
43. Ian Bell has announced his retirement from professional cricket in 2020. He represents which of the following countries?  
 1. Australia                                2. New Zealand  
 3. West Indies                                4. England
44. Where was the Peshwa sent away with a pension after the Third Anglo-Maratha War?  
 1. Poona                      2. Nagpur                      3. Surat                      4. Bithur
45. Which of the following countries has the highest peak named Keokradong?  
 1. Bangladesh                                2. Bhutan                                3. Sri Lanka                      4. Myanmar
46. Who among the following is the first Indian woman to fly to space?  
 1. Shawna Pandya                              2. Kalpana Chawla  
 3. Sunita Williams                              4. Prem Mathur
47. Chittagong Hill Tracts are found in which of the following countries?  
 1. Bangladesh                                2. Bhutan                                3. India                                4. Nepal
48. Which of the following is a non-renewable source of energy?  
 1. Wind power                                2. Hydel power  
 3. Solar power                                4. Fossil fuels
49. Annapurna Devi, the legendary musician awarded with Padma Bhushan in 1977, was associated with which of the following musical instruments?  
 1. Surbahar                                2. Violin                                3. Veena                                4. Flute
50. Lomas Rishi Cave, an example of early cave architecture of the 3<sup>rd</sup> century BC and the most datable cave of all, is located in which of the following states of India?  
 1. Manipur                                2. Jharkhand                                3. Haryana                                4. Bihar

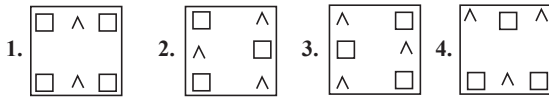
## Reasoning

51. Select the figure that can replace the question mark (?) in the following series.

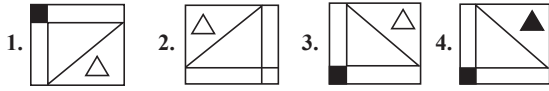
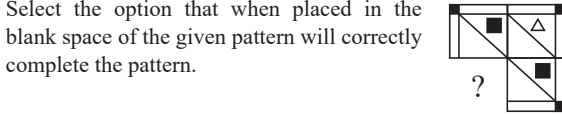


1.      2.      3.      4.

52. Four figures have been given, out of which three are alike in some manner and one is different. Select the odd figure.



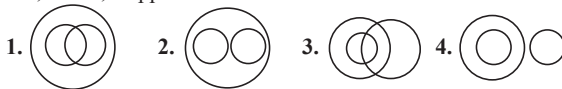
53. Select the option that when placed in the blank space of the given pattern will correctly complete the pattern.



54. In a certain code language, WARDROBE is written as AWDROREB. How will ORIENTAL be written in the same code language?

- 1. ROETINAL
- 2. EORITNLA
- 3. ROEITNLA
- 4. ROEITNAL

55. Select the Venn diagram from the given options that represents the correct relationship amongst the following classes.  
Tin, Metal, Copper

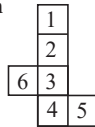


56. Which of the option figures is the exact mirror image of the given problem figure when the mirror is placed at its right side?

RVXP65FSP

- 1. BVXV65FSP
- 2. JSF59PXLVR
- 3. JSF65PXLVR
- 4. BVXV65FSP

57. If the given figure is folded to form a cube, which number will be opposite to '5'?



- 1. 2
- 2. 3
- 3. 6
- 4. 1

58. Select the number that can replace the question mark (?) in the following series.

8, 12, 21, 37, 62, ?

- 1. 98
- 2. 88
- 3. 94
- 4. 84

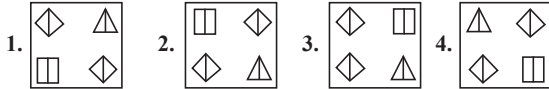
59. Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- 1. Ear
- 2. Nose
- 3. Eye
- 4. Throat

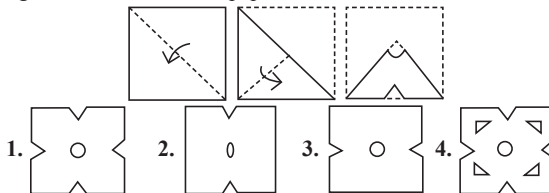
60. A and B can do a piece of work in 30 days and 15 days, respectively. A and B start the work together. In how many days will the entire work be completed?

- 1. 10
- 2. 12
- 3. 15
- 4. 9

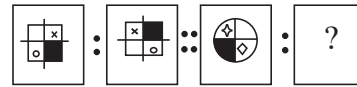
61. Four figures have been given out of which three are alike in some manner and one is different. Select the odd figure.



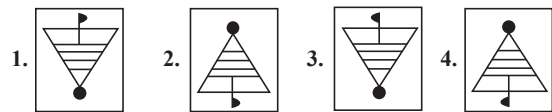
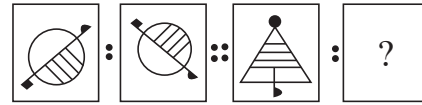
62. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



63. Select the option that is related to the third figure in the same way as the second figure is related to the first figure.



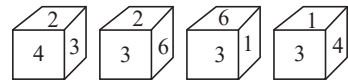
64. Select the option that is related to the third figure in the same way as the second figure is related to the first figure.



65. If '\$' stands for 'addition', '@' stands for 'subtraction', '&' stands for 'multiplication' and '#' stands for 'division', then what is the value of the following expression?  
16 @ 26 \$ 8 & 14 # 7

- 1. 6
- 2. 4
- 3. 1
- 4. 0

66. Four positions of a DICE are shown. Find out which number occurs on the face opposite to the face having the number '4'?

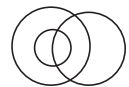


- 1. 1
- 2. 2
- 3. 6
- 4. 3

67. Select the set in which the numbers are related in the same way as are the numbers of the following set.  
(1, 2, 3)

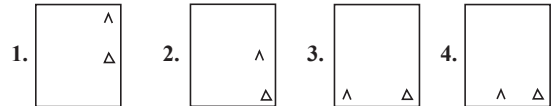
- 1. (4, 16, 64)
- 2. (4, 8, 16)
- 3. (11, 22, 33)
- 4. (6, 6, 8)

68. Which of the following sets of classes is best represented by the given diagram?



- 1. Birds, Reptiles, Animals
- 2. Girls, Students, Daughters
- 3. Flowers, Leaves, Garden
- 4. Men, Women, Human Beings

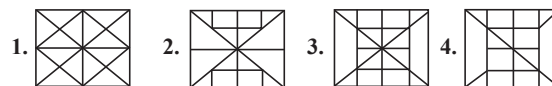
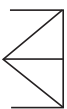
69. Select the figure that can replace the question mark (?) in the following series.



70. Select the option in which the given figure is embedded (rotation is NOT allowed).



71. Select the option in which the given figure is embedded (rotation is NOT allowed).



72. Select the option that when placed in the blank space of given pattern will correctly complete the pattern.
- 
73. 'Runway' is related to 'Airplane' in the same way as 'Track' is related to '\_\_\_\_\_'.  
 1. Athlete      2. Ship      3. Bus      4. Boat
74. Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.  
 $168 : 8 :: 84 : ? :: 105 : 5$   
 1. 12      2. 6      3. 4      4. 11
75. Select the number that can replace the question mark (?) in the following series.  
 23, 33, 57, 101, 171, ?  
 1. 273      2. 278      3. 277      4. 275

**Numerical Ability**

76. The value of  $\frac{8}{3} \div \frac{3}{4}$  of  $\frac{5}{6} + \frac{4}{9} \div \left(\frac{3}{5} - \frac{1}{2}\right) \times \frac{9}{25} + \frac{3}{5} \times \frac{4}{9} - \frac{4}{9} \div \frac{2}{3}$  is:  
 1.  $\frac{79}{15}$       2.  $\frac{82}{15}$       3.  $\frac{91}{15}$       4.  $\frac{67}{15}$
77. Two numbers P and Q are such that the sum of 2% of P and 2% of Q is two-third of the sum of 2% of P and 6% of Q. The ratio of 2 times of P to 5 times of Q is:  
 1. 5 : 3      2. 6 : 5      3. 3 : 2      4. 2 : 5
78. What is the length (in cm) of the diagonal of a square whose area is 5 times that of another square with diagonal as  $4\sqrt{2}$  cm?  
 1.  $8\sqrt{5}$       2.  $4\sqrt{10}$       3.  $2\sqrt{10}$       4.  $4\sqrt{5}$
79. During a rainy day, 4 cm of rain falls. The volume (in m<sup>3</sup>) of water that falls on 1.5 hectares of ground is:  
 1. 600      2. 450      3. 750      4. 500
80. The average of the three-digit numbers that have all three digits the same is:  
 1. 666      2. 444      3. 555      4. 525
81. An officer undertakes to complete a job in 300 days. He employs 300 people for 60 days and they complete half of the work. He then reduces the number of people to 100, who work for 120 days, after which there are 20 days holiday. How many people must be employed for the remaining period to finish the work?

1. 50      2. 100      3. 75      4. 60
82. A passenger train without stoppages runs at an average speed of 75 km/h, and with stoppages, at an average speed of 60 km/h. What is the total time (in hours) taken by the train for stoppages on a route of length 600 km?  
 1. 2      2. 4      3. 3      4. 1
83. A person spent 65% of the income on purchasing items A and B and the rest of the amount is his savings. He spent ₹1,800 on purchasing item A and ₹3,270 on purchasing item B. The saving amount (in ₹) was:  
 1. 2730      2. 2500      3. 3000      4. 2950
84. In scheme A, a sum of ₹24,000 is put on simple interest for 2 years at a rate of 8% per annum. In scheme B, a sum of ₹24,000 is put at a rate of 5% per annum, compounded annually, for 2 years. The ratio of interest from A to that from B is:  
 1. 41 : 64      2. 45 : 41      3. 41 : 45      4. 64 : 41
85. What will be least number of marbles with Rohit, if he can arrange them in rows of 9, 10 and 15 marbles each, and the number is also a perfect square?  
 1. 100      2. 961      3. 400      4. 900
86. A student purchased a box of pens at the rate of 8 pens for ₹24 and sold all of them at the rate of 9 pens for ₹45. In this transaction, he gained ₹240. How many pens did the box contain?  
 1. 100      2. 120      3. 180      4. 150
87. A dealer sells an article by allowing a 20% discount on its marked price and gains 24%. If the cost price of the article is increased by 10%, how much discount percentage should he allow now on the same marked price so as to earn the same percentage of profit as before?  
 1. 10%      2. 15%      3. 18%      4. 12%
88. A person invested a sum of ₹50,000 partly at 15% p.a. and remaining at 18% p.a. at simple interest. At the end of 2 years, the total interest received was ₹16,800. The ratio of the sum at 15% p.a. to the sum at 18% p.a. is:  
 1. 1 : 4      2. 2 : 3      3. 4 : 1      4. 3 : 2
89. The monthly income of A, B and C taken together is ₹69,000. A spends 70% of income, B spends 80% of income and C spends 92% of income. If their monthly savings are in the ratio of 15 : 11 : 10, respectively, then the monthly savings (in ₹) of B is:  
 1. 3,300      2. 2,500      3. 6,750      4. 1,200
90. The difference between a two-digit number and the number obtained by interchanging the position of its digits is 45. What is the difference between the two digits of that number and how many such numbers are possible?  
 1. 6; 3      2. 3; 6      3. 4; 5      4. 5; 4

**Answer Key**

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

## Answers with Explanations

1. **Option (4) is correct.**  
On 2<sup>nd</sup> September 1946, the Interim Government of India was formed to oversee the transition of the country from a British colony to an independent republic. The Interim Government was formed as a provisional government between an imperial structure and a democratic structure. It lasted till 15<sup>th</sup> August 1947 when India became independent and was partitioned into India and Pakistan. Pandit Jawaharlal Nehru became its Vice President and served as the de facto Prime Minister.
2. **Option (3) is correct.**  
The Finance Bill is mentioned in Article 112 of the Indian Constitution. Article 112 also mentions the annual financial statement. This statement includes a statement of the estimated receipts and expenditures of the Government of India for the year. The Finance Bill is also mentioned in Article 117 of the Indian Constitution. Article 117 includes the subjects stated in Article 110 and other legislative provisions.
3. **Option (4) is correct.**  
India encompasses 26 sedimentary basins, spanning an area of 3.14 million km<sup>2</sup>. These basins play a crucial role in exploring and extracting hydrocarbons, making a substantial contribution to the nation's energy resources.
4. **Option (1) is correct.**  
Jhijhiya is the famous cultural dance of the state of Bihar. Jhijhiya is a fast-paced folk dance from the Mithila region of India. It is performed by women during the nine-night Navaratri festival, which honours the three forms of the Hindu goddess Durga. The dance is accompanied by traditional instruments like the dhol, shehnai, and bansuri.
5. **Option (1) is correct.**  
Nitrous oxide, or "laughing gas," is a colourless and odourless substance. It earned this nickname because, when used as an anaesthetic in small amounts, it can induce feelings of euphoria and laughter in some individuals.
6. **Option (2) is correct.**  
Floriculture, a division of horticulture, encompasses the complete cultivation process of flowers and ornamental crops, spanning from planting to harvesting.
7. **Option (2) is correct.**  
The CADC stands for Chakma Autonomous District Council. It was formed under the 6<sup>th</sup> Schedule to the Constitution of India on April 29, 1972, for the Chakma ethnic people, providing them with autonomy in local governance.
8. **Option (1) is correct.**  
The Constituent Assembly established 13 committees to draft the Constitution of India. These committees were responsible for examining diverse aspects and complexities related to constitution-making, ensuring comprehensive deliberation and taking into account various perspectives.
9. **Option (1) is correct.**  
The Dhyani Chand Award is named in honour of the legendary player Major Dhyani Chand, renowned for representing India in hockey. This award recognises individuals for their lifetime contributions to the field of sports.
10. **Option (4) is correct.**  
Fiscal policy involves the government's decisions on taxation and expenditure. It utilizes revenue and spending to impact the economy, attain macroeconomic objectives, and stabilize economic fluctuations. Fiscal policy is a crucial tool for managing a country's financial health and promoting economic growth.
11. **Option (4) is correct.**  
Madhuri Kanitkar was promoted to the second highest rank of Lieutenant General in the Indian Army in March 2020.
12. **Option (1) is correct.**  
SEBI, the Securities and Exchange Board of India, was initially formed as a non-statutory body on April 12, 1988, through a government resolution. It later gained statutory powers on January 30, 1992, with the enactment of the SEBI Act, 1992. The SEBI Act officially recognized SEBI as a statutory body responsible for regulating and safeguarding the interests of investors in the securities market.
13. **Option (3) is correct.**  
AIIB stands for Asian Infrastructure Investment Bank. It's a bank that helps build things like roads and bridges in Asia to make life better for people. They support projects that connect regions, help the environment, and make economies stronger in Asian countries.
14. **Option (4) is correct.**  
The Karnali River is the longest in Nepal, flowing from Tibet through the Himalayas and joining the Ganges in India. Renowned for its vital role in the region's geography, the Karnali is recognized for its substantial contribution to local ecosystems and communities.
15. **Option (3) is correct.**  
The Padma Awards, India's highest civilian honours, were established in 1954. These awards are conferred by the President of India to individuals who have rendered distinguished service in diverse fields, including art, literature, science, public service, and sports, among others.
16. **Option (2) is correct.**  
Launched on August 28, 2014, Pradhan Mantri Jan Dhan Yojana (PMJDY) aims to achieve financial inclusion for all households in India. The initiative primarily focuses on extending basic banking services, such as the provision of savings accounts, to the unbanked population.
17. **Option (4) is correct.**  
Galvanization is a method of protecting steel and iron from rusting by coating them with a thin layer of zinc.
18. **Option (3) is correct.**  
Sir Muhammad Iqbal was elected president of the All-India Muslim League in 1930. In his presidential address on December 30, 1930, Iqbal outlined a vision of an independent state for Muslim-majority provinces in northwestern India.
19. **Option (4) is correct.**  
Switzerland hosts the headquarters of FIFA, the International federation governing association football. This organization is tasked with overseeing and promoting global football competitions, notably the FIFA World Cup.
20. **Option (3) is correct.**  
During the Sultanate period (1206 AD – 1526 AD), Delhi was ruled by five major dynasties. These dynasties are:
  - Mamluk or Slave Dynasty (1206–1290)
  - Khilji dynasty (1290–1320)
  - Tughlaq dynasty (1320–1414)
  - Sayyid dynasty (1414–1451)
  - Lodi dynasty (1451–1526)
21. **Option (2) is correct.**  
Dinesh Khara has been proposed by the Banks Board Bureau to assume the position of Chairman at the State Bank of India (SBI) starting in October 2020.

- 22. Option (4) is correct.**  
On December 13, 1946, Jawahar Lal Nehru proposed the 'Objective Resolution' in the Constituent Assembly. This resolution established the fundamental principles and objectives that would shape the drafting of the Indian Constitution.
- 23. Option (3) is correct.**  
Delhi acquired a Legislative Assembly with the implementation of the National Capital Territory Act, of 1991, linked to the 69<sup>th</sup> Constitutional Amendment. This amendment provided unique provisions and recognition to the National Capital Territory of Delhi, conferring upon it a Legislative Assembly and a Council of Ministers.
- 24. Option (3) is correct.**  
The sale or liquidation of assets by the government, typically Central and State public sector enterprises, projects, or other fixed assets, is referred to as disinvestment. It involves a reduction in the government's ownership and financial involvement in these entities by selling shares to private entities or the public, either partially or entirely.
- 25. Option (1) is correct.**  
The Rareshwar temple is located in Bhor, near Pune, India. In 1645, at the age of 16, Shivaji Maharaj and his colleagues took the oath of Hindavi Swarajya in this temple.
- 26. Option (4) is correct.**  
The Ambubachi Mela is a four-day Hindu festival held annually at the Kamakhya Temple in Guwahati, Assam. The festival celebrates the menstruation of the goddess Kamakhya, which is also believed to be the earth's period of menstruation.
- 27. Option (3) is correct.**  
MS Dhoni, one of the most successful Indian cricketers and former captain, announced his retirement from international cricket in August 2020.
- 28. Option (3) is correct.**  
Water is classified as soft when the concentration of calcium carbonate is below 60 milligrams per litre. Soft water, characterized by lower levels of calcium carbonate, is preferred for various applications as it helps minimize scaling issues in pipes and appliances.
- 29. Option (2) is correct.**  
HDFC Bank has announced a strategic partnership with Adobe to help improve the digital experience journey of its customers in August 2020.
- 30. Option (2) is correct.**  
Introduced in 1969 by the Reserve Bank of India, the Lead Bank Scheme aimed to enhance the coordination of efforts among banks and other institutions within a district. Its primary objectives were to improve the efficiency of credit delivery and foster overall development in the region.
- 31. Option (4) is correct.**  
The agro-based religious Nuakhai festival is celebrated in the state of Odisha. This celebration holds importance for farming communities, symbolizing the commencement of the newly harvested crop, and participants express their thankfulness to the deity for the abundance of the harvest.
- 32. Option (4) is correct.**  
Bahlul Khan Lodhi, the founder ruler of the Lodhi Dynasty, founded the dynasty in India and reigned from 1451 to 1489. He became the first among the Lodhi rulers, assuming the throne following the decline of the Sayyid Dynasty.
- 33. Option (4) is correct.**  
The Feni River, originating from the South Tripura district, constitutes a section of the India-Bangladesh border as it flows into Bangladesh.
- 34. Option (2) is correct.**  
Lignite is also known as brown coal and is considered the lowest rank of coal due to its relatively low heat content.
- 35. Option (3) is correct.**  
The Secretary of the Constituent Assembly was HVR Iyengar. He served as the Secretary of the Constituent Assembly from 1946 until its dissolution in 1950.
- 36. Option (3) is correct.**  
Bara Imambara, located in Lucknow, Uttar Pradesh, is renowned for its impressive architectural design.
- 37. Option (4) is correct.**  
The Brihadeswara Temple recognized as the world's first granite-built temple, is situated in Tamil Nadu. Also known as the Big Temple, it is dedicated to Lord Shiva and holds UNESCO World Heritage status for its architectural magnificence.
- 38. Option (3) is correct.**  
Gomdhar Konwar led the Ahom's Revolt in 1828. Konwar was a prince of the Ahom royal family who revolted against the British occupation of Assam.
- 39. Option (4) is correct.**  
Sri Jayewardenepura Kotte is the legislative capital of Sri Lanka, serving as the official administrative centre for the country's legislative activities.
- 40. Option (1) is correct.**  
Polio, also known as poliomyelitis, is a highly contagious viral infection caused by the poliovirus. The primary modes of transmission include person-to-person contact, typically through fecal-oral transmission or respiratory droplets. Polio has the potential to cause paralysis, and in severe instances, it can be fatal.
- 41. Option (4) is correct.**  
The novel "In Custody" was written by Anita Desai. Anita Desai is a renowned Indian author known for her insightful portrayals of characters and cultures in her works.
- 42. Option (4) is correct.**  
The book "Cricket Drona" tells the story of Vasoo Paranjape, a former Indian cricketer and coach. It is written by Jatin Paranjape and Anand Vasu. The book shares insights into Vasoo Paranjape's life and his important role in shaping Indian cricket, both as a player and coach.
- 43. Option (4) is correct.**  
Ian Bell, who announced his retirement from professional cricket in 2020, represented England.
- 44. Option (4) is correct.**  
After the Third Anglo-Maratha War, the Peshwa was relocated to Bithur with a pension. Bithur, situated near Kanpur in present-day Uttar Pradesh, India, became the residence of the Peshwa in the aftermath of the war.
- 45. Option (1) is correct.**  
Keokradong, the highest peak in Bangladesh, is situated in the Chittagong Hill Tracts, making it the country's highest natural point.
- 46. Option (2) is correct.**  
The first Indian woman to fly to space is Kalpana Chawla. Kalpana Chawla was an astronaut and the first woman of Indian origin in space, achieving this milestone aboard the Space Shuttle Columbia in 1997.
- 47. Option (1) is correct.**  
The Chittagong Hill Tracts are located in Bangladesh, celebrated for their picturesque landscapes. Situated in the southeastern part of Bangladesh, this region shares borders with India and Myanmar.



$1 \times 3 = 3$

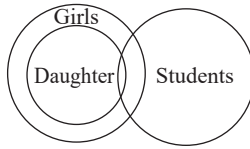
Similarly, upon checking option(3), we get

$11 \times 2 = 22;$

$11 \times 3 = 33$

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

Here, the given classes girls, students, daughters will be best represented by the given diagram as all daughters are girls and some girls and daughters are students.



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

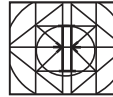
In the given figure series, each object is moving one step anti-clockwise.

Hence, the required answer figure is:



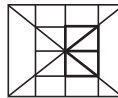
70. **Option (2) is correct.**

The given image is embedded in the option figure (2) as highlighted below:



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

The given image is embedded in the option figure (3) as highlighted below:



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

As per the pattern followed and the symmetry, the required answer figure is:



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

An airplane runs in a runway, similarly Athlete runs on a track.

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

Given that:  $168 : 8 :: 84 : ? :: 105 : 5$

The pattern followed here is:

$1^{st} \text{ term} \div 21 = 2^{nd} \text{ term.}$

So,

$168 \div 21 = 8$

And

$105 \div 21 = 5$

Similarly,

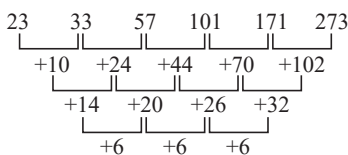
$84 \div 21 = 4$

Hence, 4 is the correct answer.

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

Given series : 23, 33, 57, 101, 171, ?

The patten followed here is:



Hence, 273 is the correct answer.

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

The value of,  $\frac{8}{3} \div \frac{3}{4}$  of  $\frac{5}{6} + \frac{4}{9} \div \left(\frac{3}{5} - \frac{1}{2}\right) \times \frac{9}{25} + \frac{3}{5} \times \frac{4}{9} - \frac{4}{9} \div \frac{2}{3}$ ,

$= \frac{8}{3} \div \frac{3}{4} + \frac{4}{9} \div \frac{1}{10} \times \frac{9}{25} + \frac{3}{5} \times \frac{4}{9} - \frac{4}{9} \div \frac{2}{3}$

$= \frac{64}{15} + \frac{40}{9} \times \frac{9}{25} + \frac{3}{5} \times \frac{4}{9} - \frac{2}{3}$

$= \frac{64}{15} + \frac{8}{5} + \frac{4}{15} - \frac{2}{3}$

$= \frac{64+24+4-10}{15} = \frac{82}{15}$

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

According to the question,

$\Rightarrow \frac{2}{100}P + \frac{2}{100}Q = \frac{2}{3} \left( \frac{2}{100}P + \frac{2}{100}Q \right)$

$\Rightarrow 6P + 6Q = 4P + 12Q$

$\Rightarrow 2P = 6Q$

$\Rightarrow P = 3Q$

$\Rightarrow \frac{P}{Q} = \frac{3}{1}$

So,  $2P : 5Q = 2 \times 3 : 5 \times 1 = 6 : 5$

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

Given that the diagonal of a square =  $4\sqrt{2}$  cm

Using, diagonal of square =  $\sqrt{2} \times \text{side} = 4\sqrt{2}$

So, side of given square = 4 cm

And area of square =  $4 \times 4 = 16 \text{ cm}^2$

According to the question,

Area of new square =  $16 \times 5 = 80 \text{ cm}^2$

So, side of this square =  $\sqrt{80} = 4\sqrt{5}$  cm

Now, length of this diagonal =  $\sqrt{2} \times \text{side} = \sqrt{2} \times 4\sqrt{5}$   
 $= 4\sqrt{10}$  cm

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

Given that, the area of ground = 1.5 hectare or 15000 sq. meter  
 So, the volume of water =  $15000 \times 0.04 = 600 \text{ m}^3$

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

Three-digit numbers that have all three digits same = 111, 222, 333, 444, 555, 666, 777, 888, 999

So, average of the given numbers

$= \frac{111+222+333+444+555+666+777+888+999}{9}$

$= \frac{4995}{9} = 555$

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

According to the question,

Let the total work =  $300 \times 120 = 36000$  unit

Work done by 300 people in 60 days =  $300 \times 60 = 18000$  unit

And Work done by 100 people in 120 days =  $100 \times 120 = 12000$

So, remaining work after 180days =  $36000 - (18000+12000) = 6000$  unit

And now remaining days to finish this work =  $300 - (60 + 120) - 20 = 100$  days

So, number of people to finish the work in time =  $\frac{6000}{100} = 60$

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

Average speed without stoppage = 75 km/h

Average speed with stoppage = 60 km/h

Time taken by train without stoppage =  $\frac{600}{75} = 8$  hr

Time taken by train with stoppage =  $\frac{600}{60} = 10$  hr

So, required time =  $10 - 8 = 2$  hr

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

Given that,

The amount spent on A = ₹1800

The amount spent on B = ₹3270

Let his total salary = ₹x



According to the question,

$$\Rightarrow x \times \frac{65}{100} = 3270 + 1800$$

$$x = 7800$$

So, his savings =  $7800 - (3270 + 1800) = ₹2730$

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

Given principal amount = ₹24000

According to the question,

$$SI = \frac{24000 \times 8 \times 2}{100} = ₹3840$$

$$\text{And CI} = 24000 \left(1 + \frac{5}{100}\right)^2 - 24000 = ₹2460$$

So, Required ratio =  $3840 : 2460 = 64 : 41$

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

Given that the number of marbles are 9, 10 and 15.

LCM of (9, 10, 15) =  $2 \times 3 \times 3 \times 5$

So, for making it a perfect square one 2 and one 5 should be multiply in LCM.

Hence, required number of marbles =  $2 \times 2 \times 3 \times 3 \times 5 \times 5 = 900$

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

According to the question,

$$\text{Cost price of each pen} = \frac{24}{8} = ₹3$$

$$\text{Selling price of each pen} = \frac{45}{9} = ₹5$$

$$\text{So, required number of pens} = \frac{240}{5-3} = 120$$

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

Let the cost price of the article = 100

So, selling price = 124

$$\text{And MRP} = 124 \times \frac{100}{80} = 155$$

Now, new cost price = 110

$$\text{So, new selling price for same profit} = 110 \times \frac{124}{100} = 136.4$$

$$\text{Hence, discount percentage} = \frac{155 - 136.4}{155} \times 100 = 12\%$$

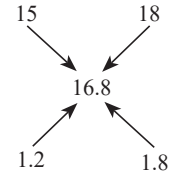
**88. Option (2) is correct.**

Given that principal amount = ₹5000

And SI earned = ₹16800 in 2 years or ₹8400 in one year

$$\text{So, earning in percentage} = \frac{8400}{50000} \times 100 = 16.8\%$$

Using,



So, ratio of amounts invested in both schemes =  $1.2 : 1.8 = 2 : 3$

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

Given that,

The monthly income of A, B and C taken together = ₹69,000

$$\text{Let } A + B + C = 69000 \quad \dots(1)$$

Let savings of A, B and C are ₹  $15x$ ,  $11x$  and  $10x$  respectively.

According to the question,

$$15x = \frac{30}{100} \times A$$

$$\Rightarrow A = 50x$$

$$\text{And } 11x = \frac{20}{100} \times B$$

$$\Rightarrow B = 55x$$

$$\text{And } 10x = \frac{8}{100} \times C$$

$$\Rightarrow C = 125x$$

Put the values of A, B and C in equation (1),

$$50x + 55x + 125x = 69000$$

$$x = 300$$

$$\text{So, monthly savings of B} = 55 \times 300 \times \frac{20}{100} = ₹3300$$

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

Let a two-digit number =  $xy$

According to the question,

$$(10x + y) - (10y + x) = 45$$

$$\Rightarrow 9x - 9y = 45$$

$$\Rightarrow x - y = 5$$

And only 4 combinations of  $x$  and  $y$  are possible. i.e., (9,4), (8,3), (7,2), (6,1).