

GENERAL AWARENESS

1. India's very own Global Positioning System (GPS) which is set to hit the market for public use in early 2018 is known as the 'Indian Regional Navigation Satellite System' (IRNSS). Its operational name is _____.

- (1) NASIK
- (2) NASIC
- (3) NAVIC
- (4) NAVIK
- (5) NAVIS

2. The 'Dalong Village' covering an area of 11.35 sq. km. has recently (May 2017) been declared as Biodiversity of Heritage Site under Section 37 (d) of Biological Diversity Act, 2002. The village is situated in the Indian State of _____.

- (1) Manipur
- (2) Madhya Pradesh
- (3) Mizoram
- (4) Maharashtra
- (5) Assam

3. The 'Almatti Dam' is a hydroelectric project on the Krishna River in the Indian State of _____.

- (1) Andhra Pradesh
- (2) Maharashtra
- (3) West Bengal
- (4) Karnataka
- (5) Telangana

4. The first Indian State which has recently launched its official 'T-wallet' offering anytime anywhere platform for digital payments with an additional charge for the citizens is _____.

- (1) Chhattisgarh
- (2) Telangana
- (3) Kerala
- (4) Maharashtra
- (5) Andhra Pradesh

5. Which of the following categories of banks are not allowed to accept deposits under 'Pradhan Mantri Garib Kalyan Deposit Scheme' (PMGKDS), 2016 ?

- (1) Private Sector Banks
- (2) Public Sector Banks
- (3) Regional Rural Banks
- (4) Cooperative Banks
- (5) State Bank of India

6. A 'banking outlet' is one which opens for at least five days a week for at least _____.

- (1) two hours a day
- (2) five hours a day
- (3) three hours a day
- (4) four hours a day
- (5) six hours a day

7. Which of the following instruments is 'not' a debt instrument ?

- (1) Stocks
- (2) Debentures
- (3) Bonds
- (4) Mortgages
- (5) Promissory Note

8. The working and activity of NBFCs are registered by the Reserve Bank of India within the framework of the _____.

- (1) Reserve Bank of India Act, 1934 (Chapter 10-12)
- (2) Banking Regulation Act, 1949
- (3) Companies Act, 1956
- (4) Banking Companies Act, 1970 (Chapter No. 4)
- (5) Corporate Act, 2001

9. The Union Home Minister, Shri Rajnath Singh has recently (May 2017) released the book 'India 2017; Yearbook'. The book is authored by _____.

- (1) Dr. Arvind Panagariya
- (2) Shri Rajiv Malhotra
- (3) Shri Kamal Kishore
- (4) Shri Tanay Pant
- (5) Shri Rajiv Mehrishi

10. The 'Sonal Rupai Wildlife

Sanctuary' is situated in the Indian State of _____.

- (1) Arunachal Pradesh
- (2) Tripura
- (3) Meghalaya
- (4) Sikkim
- (5) Assam

11. The 2017 'North Atlantic Treaty Organisation' (NATO) Summit was recently (May 2017) held in _____.

- (1) New York, United States of America
- (2) London, United Kingdom
- (3) Paris, France
- (4) Brussels, Belgium
- (5) Rome, Italy

12. The 'CGFMU' is a Credit Guarantee Fund established for guaranteeing loans sacrificed under the _____.

- (1) PMRY Scheme
- (2) PMMY Scheme
- (3) PMGSY Scheme
- (4) PMAY Scheme
- (5) PMUY Scheme

13. The 'Federation of Indian Chamber of Commerce and Industries' (FICCI) Smart Policing Award for the year 2017 has recently (May 2017) been conferred upon _____.

- (1) Jammu City Police
- (2) Pune City Police
- (3) Kolkata City Police
- (4) Delhi City Police
- (5) Mumbai City Police

14. Which of the following is an integrated payment system which uses the customer's Smart or Credit Card by scanning a code of the merchant's place?

- (1) Aadhaar Pay
- (2) UPI
- (3) Bharat QR
- (4) Paytm
- (5) Immediate Payment Service

15. Disha Microfin Private Limited has recently (May 2017) received the final approval from the Reserve Bank of India to commence ____.
- (1) Local Area Bank Operations
 - (2) Universal Banking Operations
 - (3) White Label ATM
 - (4) Payments Bank
 - (5) Small Finance Bank
16. With an intention of increasing Digital transactions, the Reserve Bank of India has recently permitted cooperative banks to deploy their own or third party point of sale terminals only if their net assets are more than ____.
- (1) Rs. 15 crore
 - (2) Rs. 25 crore
 - (3) Rs. 50 crore
 - (4) Rs. 10 crore
 - (5) Rs. 35 crore
17. 'Kanwar Pal Singh Gill' who recently (May 2017) passed away at the age of 82 was a former ____.
- (1) Indian Civil Rights Activist
 - (2) Indian Police Officer
 - (3) Indian Intelligence Officer
 - (4) Indian Football Player
 - (5) Indian Civil Servant
18. The currency of the 'Republic of Maldives' is ____.
- (1) Riyal
 - (2) Rupee
 - (3) Ringgit
 - (4) Rufiyaa
 - (5) Rupiah
19. A new cheaper, quicker and pollution-free 'soil-to-soil' technology to manufacture 'biofuel' has recently (June 2017) been developed by researchers at ____.
- (1) IIT-Gandhinagar
 - (2) IIT-Jamshedpur
 - (3) IIT-Kanpur
 - (4) IIT-Kharagpur
 - (5) IIT-Bhubaneswar
20. The 'European Extremely Large Telescope' which when completed will be the world's largest optical telescope is being set up on a 3,000 meter high mountain in ____.
- (1) Arctic Desert in Canada
 - (2) Gobi Desert in China
 - (3) Taklimakan Desert
 - (4) Sahara Desert in Chad
 - (5) Atacama Desert in Chile
21. Asian Infrastructure Investment Bank (AIIB) has recently approved a loan of US\$ 100 million for a power project in the Indian State of ____.
- (1) Maharashtra
 - (2) Madhya Pradesh
 - (3) Andhra Pradesh
 - (4) Himachal Pradesh
 - (5) Odisha
22. Payment solutions providers 'Oxigen Services' and 'PayU India' have been granted in-principle approval from Reserve Bank of India (RBI) to operate as ____.
- (1) Payments Bank
 - (2) Small Finance Bank
 - (3) White Label ATM
 - (4) Universal Bank
 - (5) Bharat Bill Payments Operating Unit
23. The archaeological site of the Paleolithic period, the 'Bhimbetka rock shelters' is situated in the Indian State of ____.
- (1) Andhra Pradesh
 - (2) Chhattisgarh
 - (3) Madhya Pradesh
 - (4) Himachal Pradesh
 - (5) Odisha
24. The 'Shri Shiv Chhatrapati Sports Complex' also known as Balewadi Stadium, is situated in ____.
- (1) Nashik, Maharashtra
 - (2) Mumbai, Maharashtra
 - (3) Aurangabad, Maharashtra
 - (4) Nagpur, Maharashtra
 - (5) Pune, Maharashtra
25. The 'Cash and ATM Management Companies' are now not required to comply with the Private Security Agencies (Regulation) Act (PSARA). As a result, they may not be allowed to attract Foreign Direct Investment (FOI) up to ____.
- (1) 33 per cent
 - (2) 51 per cent
 - (3) 28 per cent
 - (4) 66 per cent
 - (5) 100 per cent
26. At any one time, the maximum balance in a BSBDA Small Account should not exceed ____.
- (1) Rs. 40,000
 - (2) Rs. 50,000
 - (3) Rs. 30,000
 - (4) Rs. 20,000
 - (5) Rs. 1,00,000
27. The Union Cabinet has recently approved the public testing of five state-owned general insurance companies and making the government's stake in them from 100% to ____.
- (1) 75 per cent
 - (2) 49 per cent
 - (3) 51 per cent
 - (4) 61 per cent
28. In India the Credit rating agencies are regulated by ____.
- (1) SEBI
 - (2) RBI
 - (3) FIMMDA
 - (4) PFRDA
 - (5) IRDA
29. The Dadasaheb Phalke Academy Award in the newly introduced 'Internationally Acclaimed Actress' Category has recently been awarded to film actress ____.
- (1) Aishwarya Rai Bachchan
 - (2) Mallika Sherawat
 - (3) Priyanka Chopra
 - (4) Deepika Padukone
 - (5) Freida Pinto
30. The HCL Asian junior Tennis Championship 2017 was recently (27th May 2017 - 3rd June 2017) held in ____.
- (1) Jakarta, Indonesia
 - (2) Pune, India
 - (3) Kuala Lumpur, Malaysia
 - (4) Mumbai, India
31. The Reserve Bank of India has advised banks to adhere to timelines prescribed for formulation and implementation of the 'CAP' by resolution of stressed loans. The alphabet 'C' in abbreviation 'CAP' stands for ____.
- (1) Convertible
 - (2) Corporate
 - (3) Company
 - (4) Corrective
 - (5) Currency

32. The 1,980 MW 'Ghatampur Thermal Power Project' is proposed to be set up at an estimated cost of Rs. 17,237 crore in the Indian State of _____.
- (1) Uttar Pradesh
 - (2) Chhattisgarh
 - (3) Bihar
 - (4) Odisha
 - (5) Uttarakhand
33. The city of 'Abu Dhabi' is the capital of _____.
- (1) Republic of Turkey
 - (2) Lebanese Republic
 - (3) The Hashemite Kingdom of Jordan
 - (4) Kingdom of Saudi Arabia
 - (5) United Arab Emirates
34. The 'Singareni Collieries Company Limited' (SCCL) is a government-owned coal mining company in India. The company is jointly owned by the Government of India and the _____.
- (1) Government of Madhya Pradesh
 - (2) Government of Andhra Pradesh
 - (3) Government of Uttar Pradesh
 - (4) Government of Telangana
 - (5) Government of Tamil Nadu
35. The 'IRS' is a liquid financial derivative instrument which can be used to hedge against charges in _____.
- (1) Income streams
 - (2) Interest rates
 - (3) Stock notices
 - (4) Exchange Rates
36. Punjab National Bank (PNB) has recently (May 2017) received USD 100 million as the first tranche of the USD 500 million multi-tranche finance facility for Solar Rooftop Investment Programme (SRIP) approved in 2016 by _____.
- (1) Asian Development Bank
 - (2) New Development Bank
 - (3) International Monetary Fund
 - (4) International Development Association
 - (5) International Finance Corporation

37. According to the 2011 Census data, the sex ratio of the population in the country in 2011 stood at _____.
- (1) 931 females to 1000 males
 - (2) 967 females to 1000 males
 - (3) 940 females to 1000 males
 - (4) 94 females to 1000 males
 - (5) 970 females to 1000 males
38. During the recent (May 2017) six-day four nation tour Prime Minister Narendra Modi visited "Madrid" the capital city of _____.
- (1) Slovakia
 - (2) Spain
 - (3) Switzerland
 - (4) Sweden
 - (5) Swaziland
39. According to RBI guidelines, a scheduled commercial bank can own stake in a payments bank to the extent permitted under Section 19(2) of the _____.
- (1) Public Financial Institutions Act, 1956
 - (2) Banking Regulation Act, 1949
 - (3) State Bank of India Act, 1955
 - (4) Reserve Bank of India Act, 1934
 - (5) Reserve Bank of India Act, 1953
40. July 11, every year is observed as the _____.
- (1) World Population Day
 - (2) World Literacy Day
 - (3) World Heart Day
 - (4) Malala Day
 - (5) World Hepatitis Day
41. The 'Ease of Doing Business Index' is an index proposed by the _____.
- (1) World Trade Organisation
 - (2) New Development Bank
 - (3) World Economic Forum
 - (4) Asian Development Bank
 - (5) World Bank Group
42. The Reserve Bank of India has been opening the bank license window only periodically. Under the 'un-top' mechanism, however an application can be made _____.

- (1) as and when RBI notifies
 - (2) only for specified corporations
 - (3) at any time subject to conditions
 - (4) only for specified branches
 - (5) None of these
43. In a breakthrough in military aviation technology, its largest indigenously built transport aircraft Y-20, was inducted by _____.
- (1) Russia
 - (2) Pakistan
 - (3) China
 - (4) France
 - (5) None of these
44. The two-day 'G7 Summit 2017' was recently (May 2017) held in _____.
- (1) Italy
 - (2) United Kingdom
 - (3) Japan
 - (4) France
 - (5) Germany
45. In order to move towards a cashless economy, the RBI has recently prohibited non-banking finance companies (NBFCs) from disbursing loans against gold for an amount over _____.
- (1) Rs. 20,000
 - (2) Rs. 99,000
 - (3) Rs. 50,000
 - (4) Rs. 15,000
 - (5) Rs. 40,000
46. India's largest bridge, the 'Dhola-Sadiya Bridge' has recently (May 2017) been inaugurated by PM Shri Narendra Modi. The bridge in the Indian State of Assam is built over the _____.
- (1) Manasa River
 - (2) Dhansiri River
 - (3) Lohit River
 - (4) Teesta River
 - (5) Dining River
47. The largest of White Label ATM Kiosks under the brand name 'Indicash' is owned and operated by _____.
- (1) BTI Payments
 - (2) Tata Communications Payment Solutions
 - (3) Muthoot Finance Limited
 - (4) Prize Payments Solutions Limited
 - (5) Sun Infra Finance

48. The only Indian cricketer of the country to feature in the top 10 of the ICC Player Rankings for ODI in May 2017?
- (1) Virat Kohli
 - (2) Amit Mishra
 - (3) Shikhar Dhawan
 - (4) M.S. Dhoni
49. Based on the UN Habitual Data, the World Economic Forum has recently named two Indian cities as the world's most crowded cities. The cities are Mumbai and _____.
- (1) New Delhi
 - (2) Kolkata
 - (3) Surat
 - (4) Kota
 - (5) Bengaluru
50. 'LAF' is a monetary policy instrument which allows banks to borrow money through repurchase agreements. The alphabet 'L' in the abbreviation 'LAF' stands for _____.
- (1) Leverage
 - (2) Legitimate
 - (3) Liquidity
 - (4) Liability
 - (5) Local
51. 'Aparna Papat' is a famous Indian _____.
- (1) Hockey player
 - (2) Tennis Player
 - (3) Cricket Player
 - (4) Badminton Player
 - (5) Volleyball Player
52. A nationwide campaign 'Darwaza Band' to promote use and freedom from open defecation across the villages of the country has recently (May 2017) been launched by the _____.
- (1) Ministry of Water Resources and River Development
 - (2) Ministry of AAYUSH
 - (3) Ministry of Drinking Water and Sanitation
 - (4) Ministry of Health and Family Welfare
 - (5) Ministry of Human Resource Development
53. The Tarun Ramadorai panel set up by the Reserve Bank of India (RBI) has been tasked to look at the various facets of the _____.

- (1) Household finance in India
 - (2) Digital Banking Initiatives
 - (3) Demonetisation
 - (4) Promotion of financial inclusion
 - (5) Feasibility of Islamic banking in India
54. The 'Bandodkar Gold Trophy' is associated with the game of _____.
- (1) Basketball
 - (2) Badminton
 - (3) Football
 - (4) Cricket
 - (5) Tennis
55. Which of the following Indian wrestlers clinched a Gold medal in the 65 kg category in the 2017 Asian Wrestling Championships final recently (May 2017)?
- (1) Bajrang Punia
 - (2) Kavita Dalal
 - (3) Sushil Kumar
 - (4) Yogeshwar Dutt
 - (5) Geeta Phogat
56. The RBI recently asked banks to follow the instructions of government organisation CERT-In to prevent attack by which ransomware _____.
- (1) CryptoLocker
 - (2) Storm Worm
 - (3) WannaCry
 - (4) Tiny Banker
 - (5) RegIn
57. The government recently took away the task of selecting candidates to run state-run financial institutions from which body?
- (1) Cabinet Committee of Economic Affairs
 - (2) Monetary Policy Committee
 - (3) Banks Board Bureau
 - (4) Indian Banking Association
 - (5) Reserve Bank of India
58. Which of the following is not a money market instrument?
- (1) Certificates of Deposit
 - (2) Commercial Paper
 - (3) Bills of exchange
 - (4) Treasury Bills
 - (5) None of these given as options

59. The '2017 World Table Tennis Championships' was recently (29 May- 5 June 2017) held in which of the following countries?
- (1) Japan
 - (2) France
 - (3) Germany
 - (4) UK
 - (5) Singapore
60. The statutory base for the Depositor Education and Awareness Fund (DEAF) constituted by the Reserve Bank of India is provided by _____.
- (1) Section 21A of the Reserve Bank of India Act, 1935
 - (2) Section 21A of the Banking Companies Act, 1976
 - (3) Section 26A of the Reserve Bank of India Act, 1935
 - (4) Section 26A of the Banking Regulation Act, 1949
 - (5) Section 21A of the Banking Regulation Act, 1949
61. Which of the following mountaineers is the first Indian to summit Mount Everest a record six times?
- (1) Loveraj Singh
 - (2) Mohan Singh Gunjyal
 - (3) H.P.S. Ahluwalia
 - (4) Harish Kapadia
 - (5) Jamling Tenzing Norgay
62. _____ provide liquidity for global financial system and capital markets make up financial market.
- (1) Capital Markets
 - (2) Derivative markets
 - (3) Money Markets
 - (4) Stock markets
 - (5) None of these given as options
63. The India Aspiration Fund (IAF) is a fund of funds that would invest in venture capital funds for meeting the capital requirement of _____.
- (1) Agriculture Sector
 - (2) Housing Sector
 - (3) Mid Corporates
 - (4) MSME start-ups
 - (5) Electronics Sector
64. Which of the following banks recently became the first bank against which the revised PCA was invoked by the RBI?

- (1) State Bank of India
 (2) IDBI Bank
 (3) ICICI Bank
 (4) Punjab National Bank
 (5) Syndicate Bank
65. A security whose income payments and hence value are derived from and collateralized (or "backed") by a specified pool of underlying assets is known as
 (1) Structured security
 (2) Asset backed security
 (3) Collateral security
 (4) Security against value
 (5) Derived security
66. 'Equity-linked Savings Scheme' (ELSS) are open-ended diversified equity schemes offered by
 (1) Stock exchanges
 (2) Commercial Banks
 (3) Primary Dealer
 (4) Mutual Funds
 (5) SEBI
67. India's first Small Finance Bank, the 'Capital Small Finance Bank' is headquartered in _____
 (1) Chennai
 (2) Jaipur
 (3) Bengaluru
 (4) Mumbai
 (5) Jalandhar
68. The alphabet 'D' in the abbreviation 'NSDL' stands for
 (1) Derivative
 (2) Debt
 (3) Dematerialisation
 (4) Depository
 (5) Demand
69. The 'LTV ratio' is a financial term commonly used by lenders and building securities to express the ratio of a loan to the value of an asset purchased. The alphabet 'V' in the abbreviation 'LTV' stands for
 (1) Virtual
 (2) Valuation
 (3) Voluntary
 (4) Value
 (5) Visual
70. India's first underwater metro rail tunnel has recently (May 2017) been completed under the _____
 (1) Yamuna River
 (2) Gomati River
 (3) Hooghly River
 (4) Krishna River
 (5) Narmada River
71. The recently launched 'Paytm Payments Bank' is permitted to open savings accounts wherein customers shall be able to hold maximum amounts of up to _____
 (1) Rs. 2,00,000
 (2) Rs. 1,00,000
 (3) Rs. 50,000
 (4) Rs. 5,00,000
 (5) Rs. 10,00,000
72. The 'External Commercial Borrowing' (ECB) guidelines and policies are regulated and monitored by the Reserve Bank of India along with _____
 (1) Department of Economic Affairs
 (2) Department of Revenue
 (3) Department of Investment and Asset Management
 (4) Department of Expenditure
 (5) None of these
73. Which of the following Indian businessman is amongst the Forbes list of annual '25 Global Game Changers' 2017 in transforming their industries and changing the lives of billions of people around the globe?
 (1) Gautam Adani
 (2) Rakesh Jhunjhunwala
 (3) Vijay Shekhar Sharma
 (4) Mukesh Ambani
 (5) Radhika Prasad
74. Under the NEFT system, fund transfers are presently settled at hourly intervals from 8 am to 7 pm on all workingdays in periodical batches. The RBI has recently announced to raise the number of hourly batches from 12 to _____
 (1) 22 (2) 23
 (3) 24 (4) 25
 (5) 26
75. The Reserve Bank of India (RBI) has recently permitted banks to open 'banking outlets' in Tier-1 to Tier-6 centre-without having the need to take RBI permission. The rationalization is however not applicable to _____.
 (1) Private Sector Bank
 (2) Public Sector Bank
 (3) Payments Bank
 (4) Small Finance Bank
 (5) Regional Rural Bank
76. The 'International Fertiliser Industry Association' (IFIA) having about 500 members, worldwide including 68 countries is based in _____
 (1) Strasbourg, France
 (2) Washington DC, USA
 (3) Geneva, Switzerland
 (4) Paris, France
 (5) Frankfurt, Germany
77. The author of the book, 'Mann Ki Baat: A Social Revolution on Radio' is _____
 (1) Shri Rajesh Jain
 (2) Shri Anand Jain
 (3) Shri Suresh Jain
 (4) Shri Kailash Jain
 (5) Shri Naveen Jain
78. According to the recent data (May 2017) released by the International Stainless Steel Forum (ISSF), the largest producer of Stainless Steel in the world in 2016 was _____
 (1) Russia (2) China
 (3) India (4) USA
 (5) UK
79. Who amongst the following has recently been elected as one of the members of 'Badminton World Federation' (BWF) Athletes' Commission?
 (1) Saina Nehwal
 (2) Jwala Gutta
 (3) P.C. Thulasi
 (4) P.V. Sindhu
 (5) Meena Shah
80. Mobile Wallets which do not permit cash withdrawal as redemption, but allows customers to buy goods and services at billed merchants and perform financial services at billed locations are known as _____.
 (1) Open Wallets
 (2) Closed Wallets
 (3) Semi-open Wallets
 (4) Semi-closed Wallets
 (5) Semi-blocked Wallets

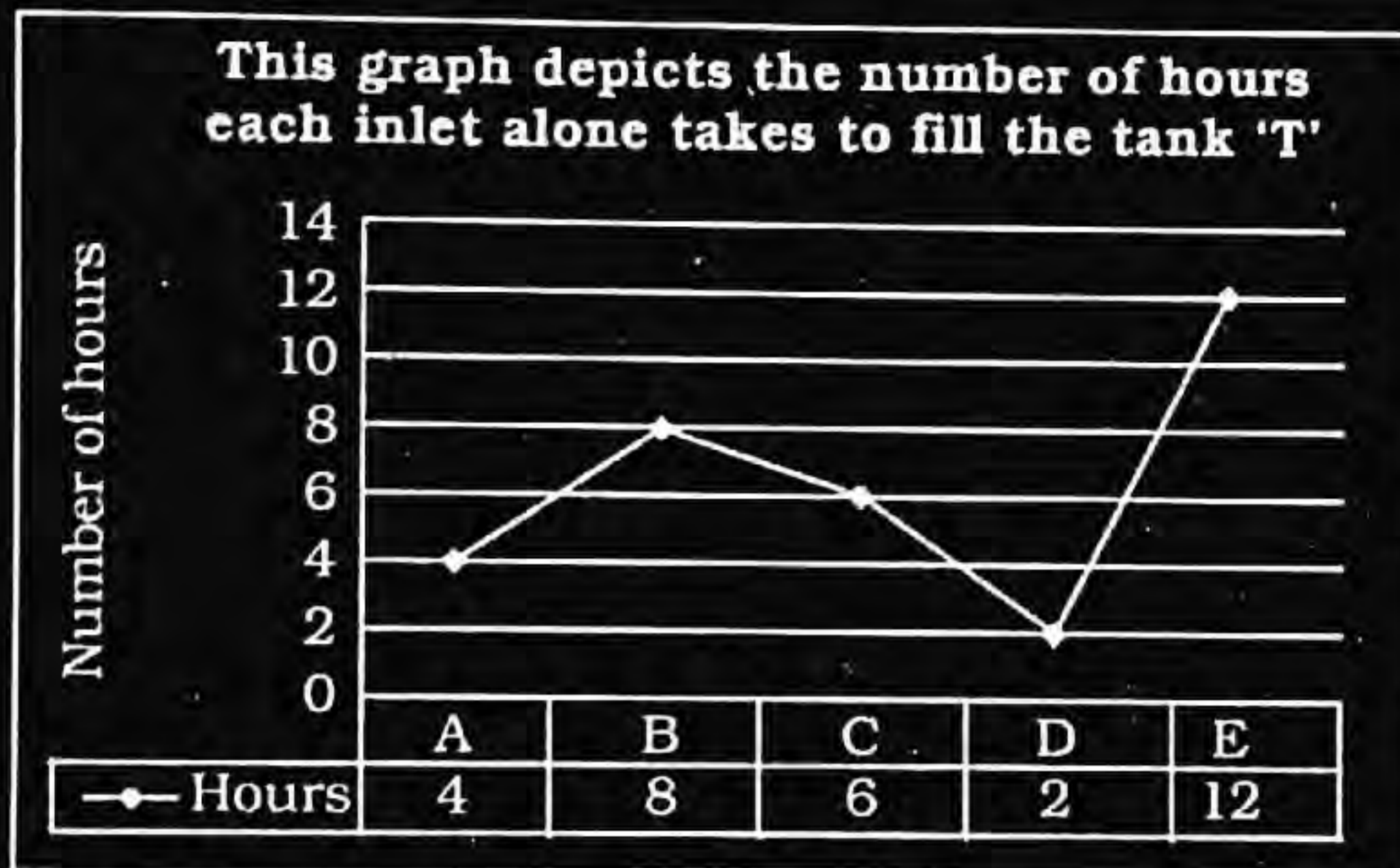
QUANTITATIVE APTITUDE

81. A can complete a project in 20 days and B can complete the same project in 30 days. If A and B start working on the project together and A quits 10 days before the project is completed, in how many days will the project be completed?
- (1) 18 days
(2) 27 days
(3) 26.67 days
(4) 16 days
(5) 12 days
82. A runs 25% faster than B and is able to allow B a lead of 7

metres to end a race in dead heat. What is the length of the race?

- (1) 10 metres
(2) 25 metres
(3) 45 metres
(4) 15 metres
(5) 35 metres
83. A train travelling at 100 kmph overtakes a motorbike travelling at 64 kmph in 40 seconds. What is the length of the train in meters?
- (1) 1777 metres
(2) 1822 metres
(3) 400 metres
(4) 1111 metres
(5) 520 metres

Directions (84-88) : Study the following graph and table to answer the given questions.



This table depicts the number of hours taken by each outlet alone to empty the full tank 'T'

Outlets	Number of hours
W	—
X	34
Y	—
Z	30

84. The time taken to fill the empty tank completely when inlet A and outlet X were opened together was 6 hours 40 minutes less than that taken by inlet B and outlet W together. How much time will outlet W alone take to completely empty the full tank? (in hours)
- (1) 26 (2) 28 (3) 20 (4) 48 (5) 24
85. When the tank was completely full, outlets X and Y were opened together for 8 hours 30 minutes. Both were then closed and inlet A was opened which filled the tank completely in 3 hours 30 minutes. In how much time (in hours) will outlet Y alone empty the full tank?
- (1) 15 hours (2) 13.6 hours (3) 13 hours (4) 14 hours (5) 15.5 hours
86. When the tank was completely full, outlets X and Z were opened together for 'H' hours. Had outlet Z been open alone, it would have taken 'H + 10' hours to empty the same quantity of water from the tank. What is the value of 'H' ?
- (1) 10 (2) 18 (3) $11\frac{1}{3}$ (4) $18\frac{1}{3}$ (5) $10\frac{2}{3}$

87. Inlet E was open for 2 hours and then closed. If the remaining tank was filled by inlets B and C together, what was the total time (in hours) taken to fill the tank completely?

- (1) $5\frac{1}{7}$ (2) $5\frac{4}{7}$
(3) $4\frac{3}{7}$ (4) $4\frac{6}{7}$
(5) $5\frac{6}{7}$

88. When the tank was completely empty, inlets A, D and E were opened for one hour each and then closed. If after that outlet Z was opened, how much time (in hours) will it take to empty the tank completely?

- (1) $15\frac{2}{5}$ (2) 18
(3) 17 (4) 20
(5) 25

89. A boat running upstream takes 8 hours 48 minutes to cover a certain distance, while it takes 4 hours to cover the same distance running downstream. What is the ratio between the speed of the boat in still water and speed of the water current respectively?

- (1) 2 : 1 (2) 3 : 2
(3) 8 : 3 (4) 3 : 5
(5) 8 : 2

90. A, B and C jointly thought of engaging themselves in a business venture. It was agreed that A would invest Rs. 6500 for 6 months, B, Rs. 8400 for 5 months and C, Rs. 10,000 for 3 months. A wants to be the working member for which, he was to receive 5% of the profits. The profit earned was Rs. 7400. What is the share of B in the profit?

- (1) Rs. 1900 (2) Rs. 2660
(3) Rs. 2800 (4) Rs. 2840
(5) Rs. 2900

91. How much time will it take for an amount of Rs. 900 to yield Rs. 81 as interest at 4.5% per annum of simple interest?

- (1) 2 years (2) 3 years
(3) 1 year (4) 4 years
(5) 5 years

92. Mr. Thomas invested an amount of Rs. 13,900 divided in two different schemes A and B at the simple interest rate of 14% per annum and 11% per annum respectively. If the total amount of simple interest earned in 2 years be Rs. 2508, what was the amount invested in scheme B?

- (1) Rs. 6400 (2) Rs. 7200
(3) Rs. 6500 (4) Rs. 7500
(5) Rs. 7000

93. A bag contains 2 red, 3 green and 2 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?

- (1) $\frac{10}{21}$ (2) $\frac{11}{21}$
(3) $\frac{2}{7}$ (3) $\frac{5}{7}$
(5) $\frac{3}{7}$

94. A can contains a mixture of two liquids A and B in the ratio 7 : 5. When 9 litres of mixture is drawn off and the can is filled with B, the ratio of A and B becomes 7 : 9. How many litres of liquid A were contained by the can initially?

- (1) 10 (2) 20
(3) 21 (4) 25
(5) 29

95. A circular swimming pool is surrounded by a concrete wall 4 ft. wide. If the area of the concrete wall surrounding the

pool is $\frac{11}{25}$ that of the pool,

then the radius of the pool is

- (1) 8ft (2) 16ft
(3) 20ft (4) 30ft
(5) None of these

Directions (96-100) : In the given questions, two quantities are given, one as Quantity I and another as Quantity II. You have to determine relationship between two quantities and choose the appropriate option.

- (1) If Quantity I \geq Quantity II
(2) If Quantity I $>$ Quantity II
(3) If Quantity I $<$ Quantity II

(4) If Quantity I = Quantity II or the relationship cannot be established from the information that is given.

(5) Quantity I \leq Quantity II
96. The boat takes total time of 4 hours to travel 14 km upstream and 36 km downstream together. The boat takes total time of 5 hours to travel 20 km upstream and 24 km downstream together?

Quantity I :

Speed of the boat in still water (in km/h).

Quantity II :

16 km/h

97. M is an integer selected at random from the set.

(7, 14, 25, 27, 33, 29 and 30)

Quantity I :

Probability that the average of 12, 9 and M is at least 17.

Quantity II : $\frac{1}{3}$

98. $\left(\frac{x^2}{5}\right) + x + \left(\frac{4}{5}\right) = 0$

$3y^2 + 4y + 1 = 0$

Quantity I : x

Quantity II : y

99. $mn \neq 0$

Quantity I : $m = n$

Quantity II : m/n

100. A and B can together finish a piece of work in 20 days. If B starts working and after 15 days is replaced by A, A can finish the remaining work in 24 days.

Quantity I : Number of days taken by B alone to finish the same piece of work.

Quantity II : Number of days taken by A alone to finish the same piece of work.

Directions (101-105) : Study the given information carefully and answer the given questions.

The revenue of a given railway zone was collected from 4 primary sources- Offline Ticket Sales, Online Ticket Sales, Freight, Fines- during 3 Financial Years (FY 2013-14, FY 2014-15, FY 2015-16)

FY 2013-14 : Total revenue collected was Rs. 3500 crore. Fines (Rs. x crore) comprised $7\frac{6}{7}$ % of the total revenue and revenue from online ticket sales was Rs. 'x + 300' crore. Revenue from freight was 12% more than that from offline ticket sales.

FY 2014-15 : Revenue from online ticket sales increased by Rs. 25 crore over FY 2013-14. Revenue from Offline ticket sales was 40% of the total revenue in FY 2014-15. Revenue from Freight and Fines was in the respective ratio of 5 : 1.

FY 2015-16 : Revenue from fines in FY 2013-14 was $\frac{11}{16}$ th of that in FY 2015-16. Revenue from online ticket sales increased by 50% over that in FY 2014-15 and that from offline ticket sales was the average of that in FY 2013-14 and 2014-15. Revenue from freight has been and will continue to increase steadily by Rs. 250 crore every financial year.

101. Revenue from fines comprised two sources- vendors and passengers. Fines from passengers (Rs. y crore) remained constant in FY 2013-14 and FY 2014-15. If the fine from vendors in FY 2013-14 was 55% of that in FY 2014-15, what was the value of y?

(1) 180 (2) 200
(3) 218 (4) 208
(5) 220

102. If the railway profit in FY 2014-15 was 12.5% of the total expense, what was the total expense for FY 2014-15? (in Rs. crore)

- (1) 2900 (2) 2400
(3) 3200 (4) 3000
(5) 3822

103. In FY 2017-18, if the revenue from fines increases by 20% over FY 2015-16, what would be the ratio between the revenues from fines and freight in FY 2017-18?

- (1) 2 : 3 (2) 1 : 5
(3) 2 : 5 (3) 3 : 4
(5) 4 : 5

REASONING

104. If the average revenue from online ticket sales in FY 2014-15, FY 2015-16 and FY 2016-17 was Rs. 1150 crore. By what per cent did the revenue from online ticket sales increase in FY 2016-17 as compared to that in 2014-15?

- (1) 250 (2) 150
(3) 300 (3) 225
(5) 230

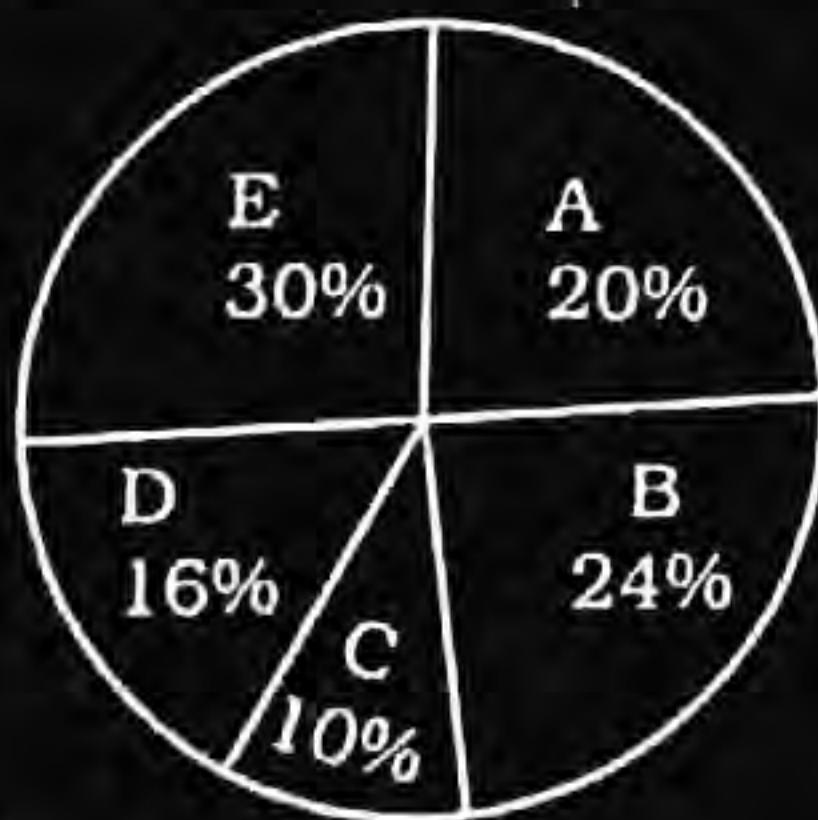
105. If the average cost of a railway ticket was Rs. 300 in FY 2014-15, how many passengers (approx) travelled by railways in FY 2014-15? (In Rs. crore)

- (1) 4.8 (2) 6.4
(3) 6.2 (4) 5.4
(5) 7.73

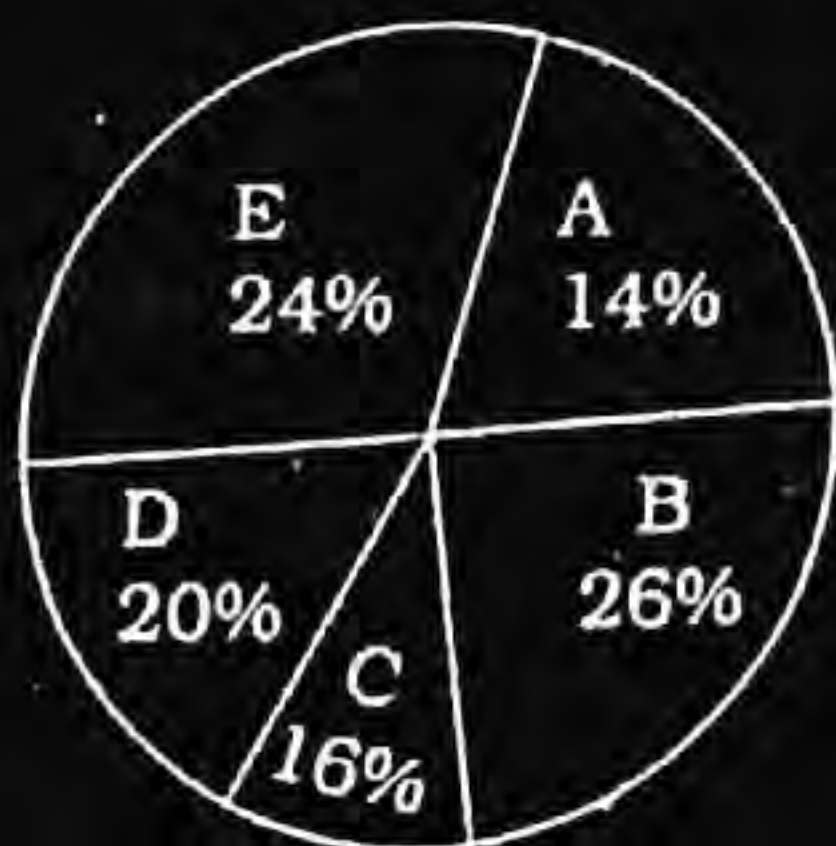
Directions (106-110) : Refer to the pie-charts to answer the given questions.

Data regarding five villages — A, B, C, D and E — in a district in 2015.

Total village population = 18000



Total number of Illiterates = 40% of Total village population



Total village population = Number of literates + Number of Illiterates

106. In 2017, the population of village C remained the same as that in 2015, but the number

of literates increased by 'x'. As a result, the total number of literates became 70% of that of illiterates. What is the approximate value of 'x'?

- (1) 620 (2) 440
(3) 680 (4) 485
(5) 430

107. The difference between the number of illiterates in villages D and E is approximately what per cent of that of literates in village D and E?

- (1) 30% (2) 20%
(3) 35% (4) 13%
(5) 15%

108. In village D, the male to female ratio among the illiterates is 5 : 3 respectively. Out of the illiterates, if 'x' females and '1.25x' males work as farmers and the ratio between males and females who do not work as farmers is 5 : 2 respectively, what is the value of 'x'?

- (1) 240 (2) 300
(3) 360 (4) 380
(5) 280

109. The average number of illiterates in villages D, F and G is 1910. 40% and 30% of the population of villages F and G respectively are illiterates. If the ratio of the population of villages F and G is 4 : 5 respectively, what is the total population of villages F and G together?

- (1) 10000 (2) 12000
(3) 12456 (4) 13000
(5) 14000

110. In village A, if the respective ratio between number of males and females is 17 : 13 and there are 1000 male literates, what is the number of male illiterates in village A?

- (1) 480 (2) 540
(3) 940 (4) 1040
(5) 1140

Directions (111-116) : Study the following information carefully and answer the questions given below :

When a word and number arrangement machine is given an input line of words and numbers, it arranges them following a particular rule. The following is an illustration of input and rearrangement :

(All the numbers are two-digit numbers before performing the operations)

Input : tweet 43 also 13 suit 29 money kite 71 59

Step I : Is tweet 43 13 suit 29 money kite 59 73

Step II : kt Is tweet 43 13 suit 29 money 73 61

Step III : mny kt Is tweet 13 suit 29 73 61 47

Step IV : st mny kt Is tweet 13 73 61 47 31

Step V : twt st mny kt Is 73 61 47 31 17

Step V is the last step of the above arrangement as the intended output of arrangement is obtained.

As per the rules followed in the given Steps, find the appropriate Steps for the given input.

Input : neat bites 23 11 piles your 37 79 give 47

111. As per the given arrangement, in Step IV, 'pls' is related to 'gv' following a certain pattern. Following the same pattern, '83' is related to '41' in Step III. In Step V, to which of the following is 'bts' related to following the same pattern?

- (1) 29 (2) 41
(3) 53 (4) nt
(5) yr

112. Which is the third element to the left of the seventh element from the left end in Step V of the given arrangement?

- (1) gv (2) 53
(3) nt (4) 23
(5) 83

113. How many elements are there between 'your' and '83' in Step III of the given arrangement?

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- (1) None (2) Two
 (3) Three (4) One
 (5) More than three

114. Which is the fourth element to the right of '11' in the Step IV of the given arrangement?

- (1) 29 (2) 41
 (3) bts (4) 83
 (5) your

115. In which one of the following Steps is 'bts 11 your' found consecutively in the same order in the given arrangement?

- (1) Step II (2) Step III
 (3) There is no such Step
 (4) Step V
 (5) Step IV

116. In Step II of the given arrangement, which elements appear to the immediate right and immediate left of 'neat' respectively?

- (1) '37' and 'piles'
 (2) 'give' and '11'
 (3) '11' and 'your'
 (4) '23' and 'bts'
 (5) 'piles' and 'gv'

117. This question consists of a decision and two Statements numbered I and II given below it. You have to decide which of the given Statements weaken/s or strengthen/s the decision and decide the appropriate answer.

Decision : The Government of the State Z decided that no car in the City X shall be allowed to have tinted glasses from next month.

I. Most of the crimes reported in the past few months in City X had an involvement of cars with tinted glasses.

II. Tinted glasses were responsible for a large number of accidents in City X as they affected visibility during night.

- (1) Statement I strengthens the decision while Statement II weakens the decision.
 (2) Both Statement I and Statement II weaken the decision.
 (3) Both Statement I and Statement II strengthen

(4) Both Statement I and Statement II are neutral statements.

(5) Statement I weakens the decision while Statement II strengthens the decision.

118. This question consists of a Situation and three Statements numbered I, II and III given below it. You have to decide which of the given Statements may be a reason for the given Situation.

Situation : Farmers of State D, who traditionally cultivate crop M, bore considerable losses owing to deficiency of nutrient Z in the soil which is vital for adequate growth of crop M. However, this year the farmers registered a 40% growth in production.

I. The farmers of State D have started producing crop Y only (which does not require nutrient Z for growth) since the past two years.

II. Since the past two years the farmers of State D have been adding a fertiliser to the soil which contains nutrient Z.

III. The nutrition this year was 200% more than the previous year in State D.

- (1) Either I or III
 (2) Only I
 (3) All I, II and III
 (4) Only III
 (5) Either II or III

119. In this question, there are two Statements (A) and (B). These Statements may either be independent causes or effects of independent causes or a common cause. One of these Statements may be the effect of the other Statement. Read both the Statements carefully and decide which of the following answer choice correctly depicts the relationship between these two Statements.

(A) Around 60% of the computer and software professionals of Country X wish to pursue ethical hacking.

(B) The IT companies in three of the neighbouring countries of Country X recently faced an attack of 'Hacker Virus' in many of their systems.

- (1) Both statements (A) and (B) are independent causes.
 (2) Both statements (A) and (B) are effects of some common cause.
 (3) Statement (B) is the cause and statement (A) is its effect.
 (4) Statement (A) is the cause and statement (B) is its effect.
 (5) Both the Statement (A) and (B) are effects of independent causes

120. In which of the given expressions does the expression $R \leq T$ definitely holds true?

- (1) $T \geq L \geq M; R \geq O > M$
 (2) $T > L \leq M; R \leq M \leq O$
 (3) $T > L > M; R \geq O \geq M$
 (4) $T \geq L \geq M; R \leq O \leq M$
 (5) $T > L = M; R < O \leq M$

Directions (121-125) : Study the following information carefully and answer the questions given below :

Seven people — P, Q, R, S, T, U and V — are related to each other in some or the other way. Each person is of a different age, but not necessarily in the same order.

(Note : It is assumed that the husband is older than the wife.)

T is older than V but younger than U. P is the mother of Q. R is the sister-in-law of P. R is unmarried. T is the daughter-in-law of S. S is the eldest member of the family. U is the father of only R and V. U does not have any sibling. V does not have any son. R is older than V. The third eldest member of the family is 54-years old. The youngest member of the family is 4 years old.

121. If in the given arrangement, $Q + V = 31$, then what is the possible age of R?

- (1) 27 (2) 56
 (3) 23 (4) 59
 (5) 30

Directions (135-140) : Study the following information carefully and answer the questions given below :

Twelve people are sitting in two parallel rows containing six people each, in such a way that there is an equal distance between adjacent persons. In row-1 S, T, U, V, W and X are seated and all of them are facing south. In row-2 M, N, O, P, Q and R are seated and all of them are facing north.

Therefore in the given sitting arrangement, each member seated in a row faces another member of the other row.

No two people with names starting with consecutive alphabet is an immediate neighbour of each other. For example, A is not an immediate neighbour of B. B is not an immediate neighbour of either A or C and so on. Each of them also likes a different movies viz. Vertigo, Cinderella, Twilight, Gladiator, Uninhabited, Inception, Frozen, Watchmen, Tangled, Aladdin, Hero and Wanted.

(Please Note : None of the information given is necessarily in the same order.)

T sits at an extreme end of the line. Only two people sit between T and the one who likes Frozen. N sits second to the left of the one who faces the one who likes Frozen. The one who likes Twilight sits second to the right of O. T does not face the one who likes Twilight. Only two persons sit between P and R. U does not sit at an extreme end of the line. X is not an immediate neighbour of T. V faces the one who likes Tangled. Only three people sit between the ones who like Tangled and Vertigo. R likes Inception. Only one person sits between R and M. One of the immediate neighbours of M faces the one who likes Hero. The one who likes Cinderella sits to the immediate left of S. P sits second to the right of the one who likes Aladdin. Only one person sits between the ones who like Watchmen and Wanted respectively. T does not like Wanted. N does not like Gladiator.

135. Which of the following statements is true as per the given arrangement?

- (1) U likes Watchmen,
- (2) Q faces one of the immediate neighbours of W.
- (3) P is an immediate neighbour of N.
- (4) None of the given statements is true.
- (5) S sits exactly between V and X

136. Who amongst the following likes Uninhabited?

- (1) P (2) W
- (3) S (4) X
- (5) N

137. Who amongst the following is facing Q?

- (1) X (2) V
- (3) The one who likes Watchmen
- (4) S
- (5) The one who likes Frozen

138. Four of the following five are alike in a certain way based on the given arrangement and hence they form a group. Which one of them does not belong to that group?

- (1) The one who likes Tangled
- (2) N
- (3) The one who likes Vertigo
- (4) The one who likes Gladiator
- (5) V

139. W is related to Cinderella and P is related to Inception in a certain way based on the given arrangement. To which of the following is U related, following the same pattern?

- (1) The one who faces P
- (2) The one who faces O
- (3) T
- (4) S
- (5) The one who likes Uninhabited

140. What is the position of Q with respect to the one who likes Inception?

- (1) Third to the right
- (2) Second to the right
- (3) Third to the left
- (4) Second to the left
- (5) Fourth to the left

141. Study the following information carefully and answer the question given below :

'If we take a close look at the balance sheets of previous five years, it shows that the amount of loans taken by the company against fixed assets has only increased, the result of which is poor financial health of the company this year',— Financial report of Company B.

Which of the following can be inferred from the statement of the financial report of the Company B?

- (A) Decreasing the amount of loans against fixed assets will improve the financial health of Company B.
- (B) The value of fixed assets of Company B has decreased by taking loans against them.
- (C) An analysis of balance sheets of a Company throws light on its financial health.
- (D) Company B had not taken any loans in any financial year other than the said five years.
 - (1) None can be inferred
 - (2) Both A and D
 - (3) Both A and C
 - (4) Only D
 - (5) Only B

142. Study the following information carefully and answer the question given below :

School X had been allowing local people to use their basketball court and cricket ground after school hours by charging a fees for the same. This had helped the school generate a significant amount of additional income in the past few years. However, this year the school decided to discontinue the practice.

Which of the following statements does not strengthen the decision of School X of discontinuing the practice?

- (1) The number of people using the basketball court and cricket ground of school is slightly decreased last year as other schools in the vicinity also started following the same practice.

- (2) School X could not win even a single trophy in past few years annual inter-school games competition as the participants did not get adequate time for practice due to access of grounds to local people.
- (3) Complaints by the nearby residents of School X have increased about the increased disturbance created by the users of the basketball court and cricket ground beyond school hours.
- (4) The damage caused to the basketball court and cricket ground of School X has increased significantly due to over-use by the outsiders thus not allowing the students to play.
- (5) The governing board of School X denied the access to school premises in any number by the outsiders (other than parents of students) in this year's board meeting for security reasons.

Directions (143-144) : In these questions, four statements followed by five Conclusions are given, one of which definitely does not logically follow (or is not a possibility) from the given statements. That Conclusion is your answer.

(NOTE : You have to take the four given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given Conclusions logically does not follow from the given statements.)

143. Statements :

No performance is an experiment.

Some experiments are blueprints.

No blueprint is a table.

All blueprints are chairs.

(1) **Conclusion :** Some experiments are definitely not tables.

(2) **Conclusion :** At least some experiments are chairs.

(3) **Conclusion :** All chairs being performances is a possibility.

(4) **Conclusion :** All tables being experiments is a possibility.

(5) **Conclusion :** All blueprints can never be performances.

144. Statements :

All stations are platforms.

All platforms are dividers.

Some platforms are roads.

No road is a track.

(1) **Conclusion :** All stations are dividers.

(2) **Conclusion :** Some platforms are definitely not tracks.

(3) **Conclusion :** All tracks being stations is a possibility.

(4) **Conclusion :** All dividers being tracks is a possibility.

(5) **Conclusion :** Some dividers are roads.

Directions (145-150) : Study the following information carefully and answer the question given below :

Twelve Professors — O, P, Q, R, S, T, U, V, W, X, Y and Z — had lectures in different months of the same year viz., January, March, April, May, June and December but not necessarily in the same order. All the lectures are either on 12th or 25th of these months. No two professors had lectures on the same day. Each professor also likes a different colour namely, Red, Blue, Green, Yellow, Orange, White, Pink, Silver, Maroon, Violet, Brown and Grey but not necessarily in the same order.

(NOTE : No lecture was conducted in any other month of the same year).

V had a lecture on 12th April. Only two people had lectures between V and Q. The one who likes red had a lecture in the same month as Q. Q does not like red. The one who likes White had a lecture on an even numbered date of the month which had exactly 30 days. V does not like white. Only three people had a lecture between the

one who likes White and the one who likes Violet. As many people had lectures between the one who likes red and O as between Q and the one who likes White. Only two people had lectures between O and the one who likes Blue. U had a lecture on 12th of a month before the one who likes Violet. U likes neither red nor blue. Only two people had lectures between U and the one who likes Orange. Only two people had lectures between the one who likes Orange and the one who likes Green. X had a lecture in the same month as the one who likes Green. As many people had a lecture after W as before X. Only one person had a lecture between W and Z. Z had a lecture before W. The one who likes Pink had a lecture on an odd numbered day in the same month as Z. P had a lecture on 12th of the same month as R. Only two people had lectures between P and the one who likes Yellow. The one who likes Maroon had a lecture before P. T likes Brown. S does not like Red. W does not like Grey.

145. Which of the following combinations indicates those who had a lecture in March?

(1) The one who likes Maroon and R

(2) U and X

(3) P and R

(4) The one who likes Green and the one who likes Pink

(5) R and V

146. Which of the following combinations is correct?

(1) W-White

(2) X- Pink

(3) U-Grey

(4) V-Violet

(5) O-Red

147. If Y is related to White and P is related to Violet based on the given arrangement, then which of the following is related to O following the same pattern?

(1) Grey (2) Pink

(3) Brown (4) Maroon

(5) Silver

148. How many people have lectures between the lectures by X and Y?

- (1) Two (2) Four
 (3) None (4) One
 (5) Three

149. Four of the following five are alike in a certain way based on the given arrangement and hence they form a group. Which one of the following does not belong to that group?

- (1) 12-Y (2) 25-O
 (3) 12-Green (4) 25-T
 (5) 12-Pink

150. Who amongst the following had lecture in the same month as S?

- (1) V
 (2) The one who likes Grey
 (3) The one who likes White
 (4) The one who likes Yellow
 (5) W

Directions (151-154) : In these questions, relationship between different elements is shown in the statements. The statements are followed by two Conclusions numbered I and II. Study the Conclusions based on the given statements and select appropriate answer.

Give answer (1) if both the Conclusion I and Conclusion II follow

Give answer (2) if either Conclusion I or Conclusion II follows

Give answer (3) if neither Conclusion I nor Conclusion II follows

Give answer (4) if only Conclusion I follows

Give answer (5) if only Conclusion II follows

(151-152) : Statements :

$$B \leq R \leq U \geq S > H;$$

$$Y < O \leq U \leq A$$

151. Conclusions :

I. $B = A$

II. $B < A$

152. Conclusions :

I. $S \geq O$

II. $R < Y$

(153-154) : Statements :

$$S = H \geq A \geq P = E;$$

$$P < L \leq R \leq E$$

153. Conclusions :

I. $S \geq L$

II. $E < A$

154. Conclusions :

I. $S < P$

II. $P < A$

155. Study the following information carefully and answer the question given below :

'Goldkart', a leading gold jewellery chain in country 'Rikmaya' is famous for good jewellery with intricate designs. However, it recently chose to import jewellery from Company X for sale besides selling just intricate designs. Which of the following cannot be a reason behind the decisions taken by 'Goldkart'?

- (1) Gold jewellery with intricate designs was a brain child of 'Goldkart' in order to have an edge over other jewellery companies. Since these designs are now over-used, they wish to bring a newer concept of designs.
 (2) The new concept of layered gold jewellery recently started by Company X is widely in news worldwide.
 (3) The Jewellery designers of 'Goldkart' haven't updated their skills since 5-6 years making them incompetent as compared to other designers of the country.
 (4) Since Company X has quoted high prices to export gold jewellery to 'Goldkart', the profit gained by 'Goldkart' is just 18% more than the usual profit.
 (5) None of those given as options

156. Study the following information carefully and answer the question given below :

A road construction project has been going on in State Y and was due to be completed two months ago. The government of that time had extended the deadline of the project by three months and also allowed truck carrying the raw material to pass through City Z in order to speed up the process. Yet the construction work is further delayed and is not likely to get over in the extended deadline as well. Which of the following may **NOT** be a reason for the delay of construction work in State Y?

(1) The workers have started going on strike and off since the past four months as they are demanding higher wages.

(2) Some part of the land on which the road is to be constructed is owned privately and a dispute is going on in the court regarding the same.

(3) Monsoon have approached State Y and due to heavy rainfall the construction work is three times slower than the usual pace

(4) Due to several complaints by the residents living in the vicinity of the construction site, the construction work is done for four hours less than the usual construction hours since past four months

(5) Most roads of City Z have traffic jam in the morning as well as evening for two hours each as most people in the city travel to work by road.

157. This question consists of two statements numbered I and II. These statements may be either independent causes or effects of independent causes or a common cause. One of these statements may be the effect of the other statement. Read both the statements and decide which of the given answer choices depicts the relationship between these two statements.

Statement I : Unlike last two years, the amount of toxic gases such as carbon monoxide and sulphur dioxide along with volatile organic compounds present in atmosphere crossed the permissible limit in Country X this year.

Statement II : The emissions from stationary sources such as industries and that from mobile sources such as transport have increased substantially this year in Country X.

- (1) Both statements I and II are effects of independent causes.
- (2) Both statements I and II are effects of some common cause.
- (3) Statement I is the cause and statement II is its effect.
- (4) Statement II is the cause and statement I is its effect.
- (5) Both statements I and II are independent causes.

Directions (158-160) : Each of the following questions, consists of a question and two statements numbered I and II given below it. You have to decide whether the data given in the statements are sufficient to answer the question. Read both the statements and choose the most appropriate option.

Give answer (1) if the data in both the Statements I and II together are necessary to answer the question.

Give answer (2) if the data either in Statement I alone or Statement II alone are sufficient to answer the question.

Give answer (3) if the data even in both the Statements I and II together are not sufficient to answer the question.

Give answer (4) if the data in Statement I alone are sufficient to answer the question while the data in Statement II alone are not sufficient to answer the question.

Give answer (5) if the data in Statement II alone are sufficient to answer the question while the data in Statement I alone are not sufficient to answer the question.

158. Six persons A, B, C, D, E and F are sitting around a circular table facing the centre. What is E's position with respect to F?

- I. A sits second to the right of D. Only two people sit between A and F. B sits to the immediate right of E.
- II. Only two people sit between D and E. E is an immediate neighbour of both B and A. C is not an immediate neighbour of B.

159. How is 'dwarf' definitely coded in a language?

- I. In a certain code language, 'the dwarf planet' is coded as 'cq sd ap' and 'the solar energy' is coded as 'kb og sd'.
- II. In a certain code language, 'only dwarf planet' is coded as 'cq ap st', and 'the coldest planet' is coded as 'sd cq yt'.

160. Fifteen people are standing in a straight row facing north. What is M's position with respect to S?

- I. P stands third from the left end of the row. Only two people stand between P and M. N stands third to the right of M. S is an immediate neighbour of N.
- II. Q stands second from the right end of the row. Only two people stand between Q and O. O is an immediate neighbour of S. As many people stand to the left of M as to the right of S.

Directions (161-165) : Study the following information carefully and answer the questions given below :

Eight people — A, B, C, D, E, F, G and H — live in eight different cities — Varanasi, Nashik, Chennai, Siliguri, Ujjain, Bhopal, Jaipur and Patna, but not necessarily in the same order. Each one of them also studies in one of the four classes — II, V, VIII and XI. Two people study in each of the given classes.

- A studies in an even numbered class. The one who lives in Ujjain studies with A.
- The one who lives in Varanasi and Jaipur study in the same class, but in a class lower than VIII. D studies in a class lower than that of the one who lives in Varanasi.
- The one who lives in Nashik studies with H in the same class, but not in Class XI. D does not live in Nashik.
- B and G study in different classes. B lives neither in Jaipur nor in Nashik. G is senior to both B and H. Neither B nor the one who lives in Siliguri study in the same class as D. E lives in Siliguri.

- C is junior to F. The one who lives in Patna studies in an odd numbered class.
- Neither H nor D lives in Bhopal. The one who lives in Chennai is senior to the one who lives in Bhopal.

161. In which of the following cities does C live?

- (1) Bhopal
- (2) Chennai
- (3) Jaipur
- (4) Nashik
- (5) Varanasi

162. Four of the following five are alike in a certain way based on the given arrangement and hence they form a group. Which one of the following does not belong to the group?

- (1) G-Siliguri
- (2) D-Bhopal
- (3) C-Varanasi
- (4) F-Chennai
- (5) A-Patna

163. In which class does H study?

- (1) The one in which A studies
- (2) VIII
- (3) The one in which E studies
- (4) V
- (5) II

164. Who amongst the following lives in Bhopal?

- (1) A
- (2) G
- (3) C
- (4) H
- (5) Other than those given as options

165. Which one of the following statements is **TRUE** with respect to the given information?

- (1) B lives in Nashik
- (2) G is senior to E.
- (3) B and F study in the same class.
- (4) The one who lives in Jaipur studies in Class V.
- (5) None of the given statements is true.

166. Study the following information carefully and answer the question given below :

The tourism sector of Country G has emerged out to be the highest contributor to GDP of the economy of Country G for this financial year. The numbers of foreign as well as domestic visitors to various tourist spots of the country were found to be relatively high as

compared to last financial year. Which of the following may be a reason for increased tourism in Country G?

- (A) The tourism packages offered by various travel agencies for visiting places in Country G were much cheaper and attractive.
 - (B) The government of Country G had started special buses, trains and flights at highly subsidized rates for passengers during holidays.
 - (C) The various hotels and travel agencies of City F in Country G started holiday packages of 18% lesser price than any other tourist spot in the country.
 - (D) Country G was found to be the most preferred tourist destination for the last three years globally
- (1) All A, B, C and D
 - (2) Only A and D
 - (3) Only B and C
 - (4) Only A, B and D
 - (5) Only A and B

Directions (167–170) : Study the following information carefully and answer the questions given below :

Trishaa starts walking from point A, walks 12 metre to the south and reaches Point B. She then takes a left turn and walks 7 metre to reach Point C. She then takes a left turn, walks 5 metre and reaches Point D. From Point D she turns left, walks 11 metre and stops at point E. Point P is to the west of Point B. Rishi who is standing at Point P walks for a distance equal to the shortest distance between Points B and E and reaches Point Q. From Point Q he takes a left turn, walks for a certain distance and reaches Point E.

167. Mehul starts walking towards south from Point B. He walks for a certain distance to reach Point K. He then takes a left turn and walks for 10 metre, takes another left turn and stops after walking for 9 metre. If his final position is 3 metre to the east of Point D, what is the distance between Point B and Point K?

- (1) 4 metre (2) 6 metre
- (3) 5 metre (4) 2 metre
- (5) Cannot be determined

168. Point M is 9 metre to the north of Point Q. From Point M, which of the following walking directions would lead to Point A?

- (A) 12 metre towards west, turn right and walk for 2 metre, then turn right and walk for 7 metre.
 - (B) 4 metre towards east, turn left and walk for 3 metre, then turn right and walk 5 metre.
 - (C) 3 metre towards north, turn left, walk 19 metre, turn left and walk 5 metre.
 - (D) 3 metre towards north, turn right and walk for 4 metre.
- (1) Both (A) and (D)
 - (2) Only (D)
 - (3) Both (B) and (C)
 - (4) Only (C) (5) Only (B)

169. In which direction is Point C with respect to Point P?

- (1) North-East
- (2) West (3) East
- (4) South-East
- (5) North-West

170. Point Z is 9 metre to the east of Point A. Arun starts from Point Z, walks towards south, takes a right turn and walks for a certain distance to reach Point D. What is the total distance that Arun has to walk in order to reach Point D?

- (1) 20 metre (2) 11 metre
- (3) 19 metre (4) 9 metre
- (5) 15 metre