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SBI Clerk Mains : Model Paper 1

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Main Exam Pattern			
Name of the Test	No. of Questions	Marks	Duration
General/Financial Awareness	50	50	35 Minutes
General English	40	40	35 Minutes
Quantitative Aptitude	50	50	45 Minutes
Reasoning Ability & Computer Aptitude	50	60	45 Minutes
Total	190	200	2 Hours 40 Minutes

MODEL PAPER 1

General/Financial Awareness

- Hashim Thaci has been elected as the President of__
(A) Tanzania
(B) Kosovo
(C) Peru
(D) Ghana
(E) None of these
- Which state Government has banned the sale of Army uniform in the state?
(A) Haryana
(B) Maharashtra
(C) Gujarat
(D) Punjab
(E) None of these
- Which film has got the Academy award for the best picture?
(A) The Revenant
(B) Spotlight
(C) Mad Max
(D) Room
(E) None of these
- Which Actor has got the Academy award for the best actor in a leading role?
(A) Leonardo Dicaprio
(B) Tom Cruz
(C) Silvestor Stallone
(D) Vin Diesel
(E) None of these
- BRICS Bank to provide its first loan to__
(A) Brazil
(B) India
(C) China
(D) Russia
(E) None of these
- Which country has declared state emergency after a major oil pipeline burst?
(A) Tanzania
(B) Fiji
(C) Peru
(D) Ghana
(E) None of these
- What is the revised service tax in union Budget 2016?
(A) 12.50%
(B) 14.50%
(C) 15%
(D) 14%
(E) None of these
- Mahesh Kumar Singla committee constituted to consider ST status to 6 communities of__

- (A) Nagaland
- (B) Assam
- (C) Tripura
- (D) West Bengal
- (E) None of these

9. Who has been elected as the Chairman of the International Association of Athletics Federations?

- (A) Andy Powell
- (B) Gianini Infantino
- (C) Roger Hendricks
- (D) Rozle Prezelj
- (E) None of these

10. Military Exercise FORCE 18 has been held in__

- (A) Hyderabad
- (B) Pune
- (C) New Delhi
- (D) Bikaner
- (E) None of these

11. What is India's rank in terms of Energy Security?

- (A) 84
- (B) 29
- (C) 90
- (D) 102
- (E) None of these

12. Who is the winner of Bihari Puraskar 2015?

- (A) Bhagwati Lal Vyas
- (B) Om Thanavi
- (C) Asif Khan
- (D) Surendra Mishra
- (E) None of these

13. Which city has got India's first selfcleaning smart toilets?

- (A) Mumbai
- (B) New Delhi
- (C) Hyderabad
- (D) Chennai
- (E) None of these

14. India has signed a financing agreement with World Bank for International Development Association (IDA)

credit of US\$ 300 (equivalent) for improving Higher Education Quality in__

- (A) Madhya Pradesh
- (B) Gujarat
- (C) Maharashtra
- (D) Rajasthan
- (E) None of these

15. World's Costliest Train Station has been opened in which city?

- (A) Paris
- (B) Beijing
- (C) New York
- (D) London
- (E) None of these

16. Which scheme is launched to boost infrastructure?

- (A) Rurban Mission
- (B) Setu Bharatam
- (C) WatanKoJaano
- (D) Nai Manjil
- (E) None of these

17. Which state has launched Air Ambulance?

- (A) Tamilnadu
- (B) Maharashtra
- (C) Punjab
- (D) Kerala
- (E) None of these

18. Which actor will be conferred with Dada Saheb Phalke award for 2015?

- (A) Manoj Kumar
- (B) Dilip Kumar
- (C) Amitabh Bachchan
- (D) Rishi Kapoor
- (E) None of these

19. Which bank has signed anMoU with army for defence salary package?

- (A) Bank of Baroda
- (B) Indusind Bank
- (C) Axis Bank
- (D) HDFC Bank
- (E) None of these

20. Which is the India's most trusted online shopping brand according to a Survey?

- (A) Flipkart
- (B) Myntra
- (C) Snapdeal
- (D) Amazon
- (E) None of these

21. Which of the following has been promoted to the International Outdoor Umpire by International Hockey Federation?

- (A) Anil Baru
- (B) Ajay Shastri
- (C) Napoleon Singh
- (D) Dev Patil
- (E) None of these

22. Who is the author of the book titled "Fixed: Cash and Corruption in Cricket"?

- (A) Harsha Bhogle
- (B) Shantanu Guha
- (C) Boria Majumdar
- (D) Ashish Monga
- (E) None of these

23. Which Indian bank has got operating licence by Myanmar?

- (A) Punjab National Bank
- (B) ICICI Bank
- (C) State Bank of India
- (D) Bank of Baroda
- (E) None of these

24. Which of the following team is the winner of 3rd season of Pro Kabaddi League?

- (A) U Mumba
- (B) Jaipur Pink Panthers
- (C) Patna Pirates
- (D) Puneri Paltan
- (E) None of these

25. Which of the following team is the winner of Asia cup Cricket 2016?

- (A) Sri Lanka
- (B) India
- (C) Pakistan

- (D) Bangladesh
- (E) None of these

26. Which city was hosted BRICS Friendship Cities Conclave in April this year?

- (A) Mumbai
- (B) Beijing
- (C) Durban
- (D) Rio
- (E) None of these

27. Which bank is better placed than ICICI and other PSU's in terms of corporate book profitability?

- (A) HDFC Bank
- (B) Yes Bank
- (C) Axis bank
- (D) Indusind Bank
- (E) None of these

28. Key- Resolve is a military exercise between__

- (A) America-Russia
- (B) India-France
- (C) Japan-South Korea
- (D) America-South Korea
- (E) None of these

29. International Women's Day was observed across the world on__

- (A) 8 March
- (B) 7 March
- (C) 9 March
- (D) 6 March
- (E) None of these

30. Which country will develop Bhubaneswar, Kochi, and Coimbatore as smart Cities?

- (A) Japan
- (B) France
- (C) Germany
- (D) Russia
- (E) None of these

31. Which is the second village adopted by Narendra Modi under SansadAdarsh Gram Yojna?

- (A) Jayapur
- (B) Nagepur

- (C) Pachhim Bekli
- (D) Devpura
- (E) None of these

32. Which bank has launched all-women branch in Bengaluru?

- (A) Yes Bank
- (B) Vijaya Bank
- (C) UCO Bank
- (D) ICICI Bank
- (E) None of these

33. The International Monetary Fund (IMF) will set up its first Asian knowledge sharing centre in__

- (A) Japan
- (B) China
- (C) India
- (D) Malaysia
- (E) None of these

34. Which bank has rolled out iWork @ Home programme for its women employees?

- (A) SBI
- (B) HDFC Bank
- (C) Bank of Baroda
- (D) ICICI Bank
- (E) None of these

35. Which state has topped the list of states with investment potential?

- (A) Tamilnadu
- (B) Gujarat
- (C) Andhra Pradesh
- (D) Delhi
- (E) None of these

36. India –Indonesia joint Military exercise is known as__

- (A) Surya Kiran
- (B) Indra
- (C) Garuda Shakti
- (D) Ashva Shakti
- (E) None of these

37. Which Indian has recently been conferred with the Knight of the Legion of Honour by France?

- (A) Anil Ambani
- (B) Amir Khan
- (C) Ratan Tata
- (D) Anand Mahindra
- (E) None of these

38. India has launched Fulbright-Kalam Climate Fellowship with__

- (A) France
- (B) Russia
- (C) USA
- (D) Mexico
- (E) None of these

39. According to a survey, which are the cheapest and most expensive cities respectively to live?

- (A) New York and London
- (B) Singapore and Lusaka
- (C) Lusaka and Singapore
- (D) Mumbai and Singapore
- (E) None of these

40. Which of the following country is not a member of SAARC?

- (A) Bangladesh
- (B) Maldives
- (C) Sri Lanka
- (D) Myanmar
- (E) None of these

41. Which scheme is started by Indian Railways to clean a dirty coach?

- (A) Clean my train
- (B) Clean my coach
- (C) Clean journey
- (D) Sweep my coach
- (E) None of these

42. Regional cooperation centre will be built by IMF in the Indian city of__

- (A) Bengaluru
- (B) New Delhi
- (C) Hyderabad
- (D) Mumbai
- (E) None of these

43. 4th World Congress of Biosphere Reserves has been started at__

- (A) Hague
- (B) Lima
- (C) Rio
- (D) Geneva
- (E) None of these

44. Which bank has tied up with Ferrari for cobranded credit cards?

- (A) ICICI Bank
- (B) SBI
- (C) Yes Bank
- (D) HDFC Bank
- (E) None of these

45. Which tyre manufacturing company has tied up with Snapdeal to sell tyres online?

- (A) MRF
- (B) Bridgestone
- (C) CEAT
- (D) Michelin
- (E) None of these

46. Who has been suspended as goodwill ambassador of United Nations after doping allegations?

- (A) Novak Djokovich
- (B) Maria Sharapova
- (C) Serena Williams
- (D) Martina Hingis
- (E) None of these

General English

Directions (1 – 10): Read the passage carefully and answer the questions given below it. Certain words/phrases are given in bold to help you locate them while answering some of the questions.

The Global Nutrition Report (GNR) and India Health Report on Nutrition, 2015 (IHR), offer a critical analysis of the state of nutrition in India. The first report, the India Health Report: Nutrition 2015(IHR), provides easy-to-understand, State-wise data dashboards that give a comprehensive view of nutrition and its determinants. It looks at disparities in these outcomes and their multiple determinants

47. Which state has installed India's first Earthquake warning system?

- (A) Gujarat
- (B) Rajasthan
- (C) Maharashtra
- (D) Haryana
- (E) None of these

48. What is India's ranking out of 156 countries on the United Nations World Happiness Index (WHI) 2016?

- (A) 110
- (B) 122
- (C) 117
- (D) 118
- (E) None of these

49. Which city has the cleanest railway station in the country?

- (A) Surat
- (B) Mumbai
- (C) Vadodara
- (D) Varanasi
- (E) None of these

50. Who has been conferred with Skoch Lifetime Achievement Award?

- (A) Smriti Irani
- (B) Rajnath Singh
- (C) Ram Vilas Paswan
- (D) Venkaiah Naidu
- (E) None of these

across geographical regions, socio-economic classes, and demographic groups to help identify strategic choices for policy-making at the State level. In turn, GNR assesses progress in reducing malnutrition for all 193 countries. It concludes that while India is on track to meeting only two of the eight global targets on nutrition, it has significantly improved its nutrition performance in the past 10 years. GNR notes that there has been a big increase in the number of countries on track to meet global nutrition targets, and encourages countries, including India, to establish specific and time-bound targets for malnutrition reduction that are consistent with the new Sustainable Development Goals. Together, these

reports paint several pictures about India, a data-poor country. They portray one of great progress in improving nutrition across India; stunting among children, a marker of the most **persistent** types of malnutrition, has declined rapidly in the last ten years. And this decline has been faster than in many other countries. But as we dig deeper, there are **diverse** pictures about the life conditions of Indian children — positive stories about children’s lives and futures in Goa, Kerala, Manipur and Tamil Nadu, but dismal ones in Bihar, Jharkhand and Uttar Pradesh. What cannot be debated is the reality of deep, systemic inequality; of inequality in the circumstances that children are born into, that they live and grow in. For those of us who are worried about India’s economic growth, these are also pictures of inequality that point to how well these children will be able to contribute to India’s economic growth and their own prosperity. Their poor nutrition stunts more than their bodies. It stunts their well-being, and, consequentially, that of their home States and their nation. Two other things, both related to inequality, stand out as well in the data. First, the data point to tremendous variability across States in delivering what should be universal, rights-based and already **mandated** health and nutrition services. For example, sample this for intra-State disparity. Food provided by the Integrated Child Development Services reaches barely 1 in 5 children in Uttar Pradesh but over 90 per cent in Odisha. Less than 33 per cent of children in Nagaland are fully immunised; in Goa, it is more than 90 per cent. Close to 80 per cent defecate in the open in Odisha; barely 2 per cent do so in Kerala. Why?

These are disparities across States that operate in the same national framework, and there is, let’s face it, no good reason for this other than an inability or unwillingness to invest in changing ground realities, for everyone and everywhere. This is not an insurmountable challenge and it’s certainly an area where States can, if they want it, make dramatic change in short timeframes. Examples abound from within India. The data in the reports show that, clearly, the **imperative** for introspection, and looking within for solutions was never clearer. No child should go without basic health care, food security and things like water and a toilet. Indeed, no adult should either.

No society should **condone** such inequalities in the basics. And no society has progressed without addressing these basics.

1. The Global Nutrition Report focuses mainly on the

- (A) Sustainable Development Goals
- (B) Comprehensive view of nutrition and its determinants
- (C) India’s economic growth
- (D) Intra-State variability
- (E) Progress in reducing malnutrition

2. What are the disparities that states are facing in the national framework?

- I. Health and nutrition services
 - II. Variable food services
 - III. Inequality in education
- (A) III
 - (B) II & III
 - (C) I & II
 - (D) I, II & III
 - (E) None of the above

3. Which of the following is (are) NOT TRUE according to the above passage?

- I. Food provided by ICDS reaches to only few children in UP.
 - II. Nearly 80 percent defecate in the open in West Bengal.
 - III. Less than 33 percent children in Nagaland are immunised.
- (A) III & II
 - (B) I, II & III
 - (C) I & II
 - (D) I & III
 - (E) II only

4. According to author what is the biggest challenge that India is facing?

- (A) Reducing progress in malnutrition
- (B) Inability to invest in education and health services
- (C) Unwillingness and inability to invest in basic facilities
- (D) High global nutrition targets
- (E) None of these

5. Which of the following would be the suitable title for the above passage?

- (A) State of nutrition in India
- (B) Global nutrition targets
- (C) Nutrition and its determinants
- (D) Progressive India
- (E) Inequality: A big challenge

Directions (6 to 8): Choose the word which is most OPPOSITE in meaning to the word given in bold as used in the passage.

6. Mandate

- (A) Edict
- (B) Bidding
- (C) Order
- (D) Abide
- (E) Breach

7. Diverse

- (A) Varied
- (B) Assorted
- (C) Separate
- (D) Similar
- (E) Distant

8. Persistent

- (A) Assiduous
- (B) Unrelenting
- (C) Interrupted
- (D) Fixed
- (E) Dogged

Directions (9 – 10): Choose the word which is most similar in meaning to the word given in bold as used in the passage.

9. Condone

- (A) Condemn
- (B) Forbid
- (C) Regard
- (D) Forgive
- (E) Censure

10. Imperative

- (A) Trivial

(B) Free

(C) Obligatory

(D) Avoidable

(E) Assured

Directions (11 – 15): Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is 'No error' the answer is (E). (Ignore errors of punctuation, if any)

11. (A) The Chairman of Tea Board inaugurated / (B) the factory set up by a SHG of small / (C) tea growers in Jalpaiguri district / (D) of West Bengal. / (E) No error

12. (A) Talks between the Water Secretaries of India and Pakistan / (B) scheduled to begin in Islamabad have been put off / (C) due to the wake of tension / (D) over ceasefire violations along the LoC. / (E) No error

13. (A) Now that the passing years have given me / (B) plenty to say and the courage to say it, / (C) I hope you can find something / (D) in my words that serve you. / (E) No error

14. (A) Before I start spouting off, / (B) it's only fair to bring you a little closer / (C) into my confidence and let you / (D) know something about myself. / (E) No error

15. (A) Chief Justice Iftikhar Chaudhry ordered / (B) the arrest of sixteen people / (C) involved in the case / (D) including prime minister. / (E) No error

Directions (16 – 20): Rearrange the following sentences (A), (B), (C), (D) (E) and (F) to make a meaningful paragraph and then answer the questions which follow.

(A) However while reading they would not know when to pause and what to emphasize.

(B) Since then their use has been regularized and the punctuation rules have been followed by all.

(C) In earlier days, people learnt by reading out loud.

(D) But not everybody used the same punctuations for the same thing.

(E) To address this problem, various signs depicting various punctuations were introduced.

(F) Thus firmer guidelines regarding punctuations were framed so that everyone used them in similar way.

16. Which of the following sentence should be the FIRST after rearrangement?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

17. Which of the following sentence should be the SECOND after rearrangement?

- (A) A
- (B) B
- (C) D
- (D) E
- (E) F

18. Which of the following sentence should be the THIRD after rearrangement?

- (A) A
- (B) E
- (C) D
- (D) F
- (E) C

19. Which of the following sentence should be the FIFTH after rearrangement?

- (A) B
- (B) C
- (C) A
- (D) E
- (E) F

20. Which of the following sentence should be the SIXTH (LAST) after rearrangement?

- (A) C
- (B) E
- (C) D
- (D) B
- (E) F

Directions (21 – 30): In the following passage, some of the words have been left out, each of which is indicated by a number. Find the suitable word from

the options given against each number and fill up the blanks with appropriate words to make the paragraph meaningfully complete.

Given the state of **(21)** life in our country today-where corruption, violence and intolerance are increasingly **(22)** in day to day interactions-isn't it **(23)** time **that** **(24)** made a concerted effort to teach values? The very first **(25)** from many is that values cannot be taught, they need to be **(26)**. Ideally, values must be taught by people who are **(27)** to lead by example. Fortunately for us, Indian culture has ensured that good role **(28)** can still be found **(29)** our midst. We only need to **(30)** in on them.

21. (A) my
(B) their
(C) social
(D) night
(E) Public

22. (A) sordid
(B) practical
(C) evident
(D) theoretical
(E) tense

23. (A) long
(B) high
(C) quantum
(D) quality
(E) depressing

24. (A) educationists
(B) players
(C) politicians
(D) artists
(E) government

25. (A) suggestion
(B) objection
(C) proclamation
(D) temptation
(E) emotion

26. (A) studied
(B) tried

- (C) learned
- (D) imbibed
- (E) experienced

27. (A) thrilling
(B) willing
(C) declaring
(D) considering
(E) trying

28. (A) players
(B) actors
(C) models
(D) reversal
(E) leading

29. (A) amongst
(B) between
(C) above
(D) like
(E) against

30. (A) ten
(B) bang
(C) zero
(D) hit
(E) smart

Directions (31 – 35): Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each pair of blanks that best fits the meaning of the sentence as a whole.

31. Healthy scepticism, a vital _____ for any journalist, has given _____ to credulity, or worse, naiveté.
(A) factor, up
(B) role, them
(C) attribute, way
(D) thing, away
(E) task, chance

32. Kejriwal's _____ about all kinds of people became more and more _____ and even if there was a grain of truth in any of them, there was just no evidence.
(A) statements, attacking
(B) ideas, scathing

- (C) pronouncements, outdated
- (D) allegations, outlandish
- (E) defamations, severe

33. Every time Vidya Balan went about repeating "Entertainment, entertainment, entertainment!" audiences at awards nights went into _____ as if Voltaire had _____ from his grave.
(A) raptures, quipped
(B) dark, came
(C) silence, grown
(D) hallucination, risen
(E) enjoy, awaken

34. Whether one believes it or not, there are still some people _____ us who could have become powerful _____ in strength and in financial means.
(A) about, either
(B) surrounding, neither
(C) above, here
(D) over, there
(E) around, both

35. When politicians became _____ and the bureaucracy _____ it is to the media that people turn for some guidance.
(A) corrupt, helpful
(B) venal, unresponsive
(C) dishonest, strong
(D) careless, dictator
(E) powerful, autocrat

Directions (36 – 40): In the following questions, a sentence has been given with some of its parts in bold. To make the sentence grammatically correct, you have to replace the bold part with the correct alternative given below. If the sentence is correct as it is, give (E) as your answer (i.e. No correction required)

36. It should be no surprise that **I will be the first employee** in my circle to have an Apple iPhone 6.
(A) the first employee I am
(B) I am unique employee
(C) I was the first employee
(D) have the first phone
(E) No correction required

37. To away from the poor environment of work was significant is achieving my target.

- (A) Being away the poor environment
- (B) far away to the poor environment
- (C) Go away of the environment
- (D) go to the poor environment
- (E) No correction required

38. I still have **my ups and downs**, but not to the same degree.

- (A) my ups and down
- (B) my up and down
- (C) my up and down
- (D) my up to down
- (E) No correction required

39. Walking or running was an invitation for them to **come that of me**.

- (A) to came there.
- (B) to come after me.
- (C) over come to myself.
- (D) to come upon before me.
- (E) No correction required

40. Often violence and danger **can't be avoided** and there's no simple formula.

- (A) could be ignore
- (B) can be avoided
- (C) couldn't be avoided
- (D) can't be avoided
- (E) No correction required

Quantitative Aptitude

1. A spiral is made up of 13 successive semi-circles with centre at X and Y, starting with centre at X. The radii of semi-circles thus developed are 0.5 cm, 1.0 cm, 1.5 cm and 2.0 cm and so on. The total length in the spiral is

- (A) 144 cm
- (B) 143 cm

- (C) 174 cm
- (D) 194 cm
- (E) None of these

2. The average weight of a group of 75 boys was calculated as 47 kg. It was later discovered that the weight of one of the boys was read as 45 kg, whereas his actual weight was 25 kg. What is the actual average weight of the group of 75 boys? (Rounded off to two digits after decimal)

- (A) 46.73 kg
- (B) 46.64 kg
- (C) 36.76 kg
- (D) 56.63 kg
- (E) None of these

3. The sum of five consecutive even numbers of set P is 280. What is the sum of different set of Q five consecutive numbers whose lowest number is 71 less than double the lowest number of set P?

- (A) 182
- (B) 165
- (C) 172
- (D) 175
- (E) None of the above

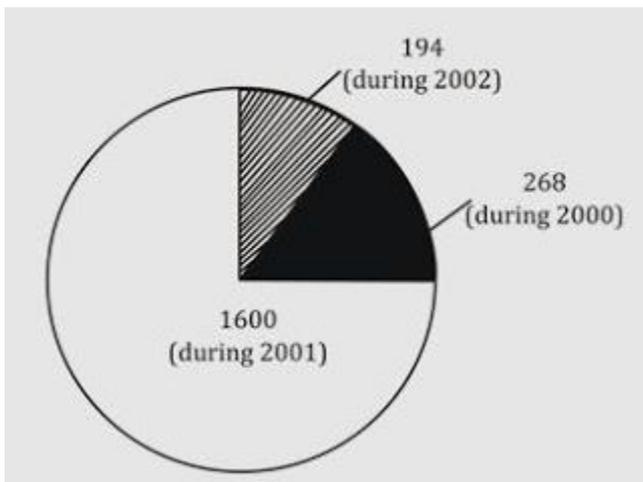
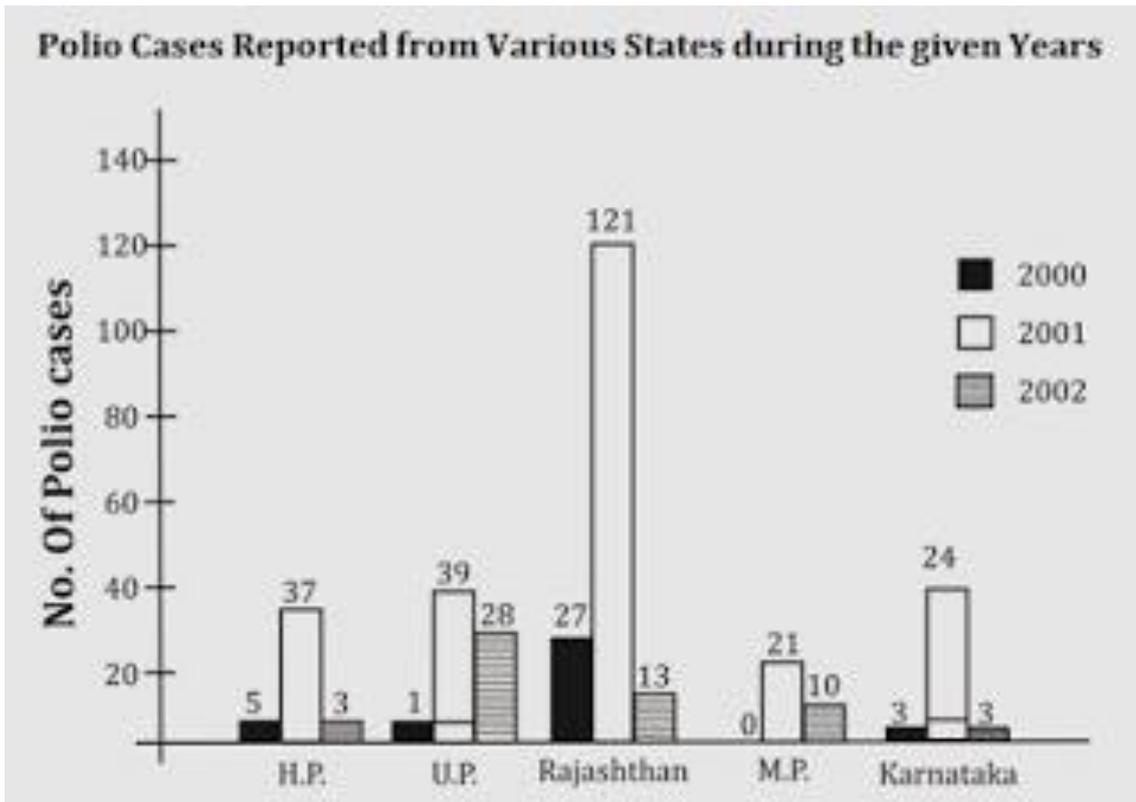
4. Aruna spent Rs 38460 on the renovation of her hall. Rs 24468 on buying home theatre and the remaining 28% of the total amount she had as cash with her. What was the total amount ?

- (A) Rs 92600
- (B) Rs 76500
- (C) Rs 87400
- (D) Can't be determined
- (E) None of these

5. Anita got married 9 yr ago. Today her age is $\frac{4}{3}$ times her age at the time of marriage. At present, her daughter's age is one-sixth of her age. What was her daughter's age two years ago?

- (A) 6 yr
- (B) 7 yr
- (C) 3 yr
- (D) Can't be determined
- (E) None of these

Directions (6 – 10): Study the following graph and pie chart carefully to answer the questions.



6. What is the average difference between Polio cases in 2001 and that in 2002?

- (A) 35
- (B) 37
- (C) 38
- (D) 39
- (E) None of these

7. In which state the difference between Polio cases in 2001 and 2002 is 11 and which had zero incidence in 2000?

- (A) Rajasthan
- (B) U.P.
- (C) M.P.
- (D) Karnataka

(E) H.P.

8. Approximately what per cent of Polio cases was reported in Rajasthan in 2001 with respect to total cases reported in India that year?

- (A) 6%
- (B) 6.5%
- (C) 7%
- (D) 7.5%
- (E) None of these

9. Polio cases in H.P. in 2002 and Rajasthan in 2000 together is what per cent of the Polio cases in Karnataka in 2001?

- (A) 120%
- (B) 80%

- (C) 125%
- (D) 75%
- (E) 95%

10. Find the ratio between the total number of cases in the five states to that in the rest of country in 2000.

- (A) 9 : 67
- (B) 2 : 29
- (C) 29 : 4
- (D) 9 : 58
- (E) None of these

Directions (11 – 15): In the given number series one number is wrong. Find the wrong number of the series.

11. 8, 15, 29, 50, 113, 225

- (A) 15
- (B) 50
- (C) 29
- (D) 225
- (E) 113

12. 12, 18, 36, 72, 270, 945

- (A) 18
- (B) 36
- (C) 72
- (D) 270
- (E) 945

13. 17, 32, 19, 29, 22, 26, 23

- (A) 32
- (B) 29
- (C) 22
- (D) 19
- (E) 23

14. 15, 30, 50, 120, 240, 480

- (A) 480
- (B) 240
- (C) 120
- (D) 50
- (E) 30

15. 121, 144, 169, 194, 225, 256

- (A) 144
- (B) 121
- (C) 194
- (D) 169
- (E) 256

Directions (16 – 19): What should come in place of question mark (?) in the following questions?

16 Milk contains 10% water, what quantity of pure milk should be added to 20 litres of milk to reduce this to 4%?

- (A) $4/100 * (20+m) = 2$
- (B) $6/100 * (20+m) = 2$
- (C) $8/100 * (40+m) = 4$
- (D) $5/100 * (60+m) = 6$

17 .A train starts from Jammu for Srinagar at 13:30 and reaches at 17:30 another train starts from Srinagar at 15:30 and reaches Jammu at 19:00 at what time both train meet?

- (A) $14.5 + (4*5.5)/(4+3.5) = 16:26$
- (B) $4/100 * (20+m) = 2$
- (C) $13.5 + (4*5.5)/(4+3.5) = 16:26$
- (D) $13.5 + (4*5.6)/(4+3.5) = 16:26$

18. The average age of class of 39 students is 15 years . If the age of the teacher be included , then the average increases by 3 months. Find the age of teacher ?

- (A) 23 years
- (B) 25 years
- (C) 28 years
- (D) 21 years

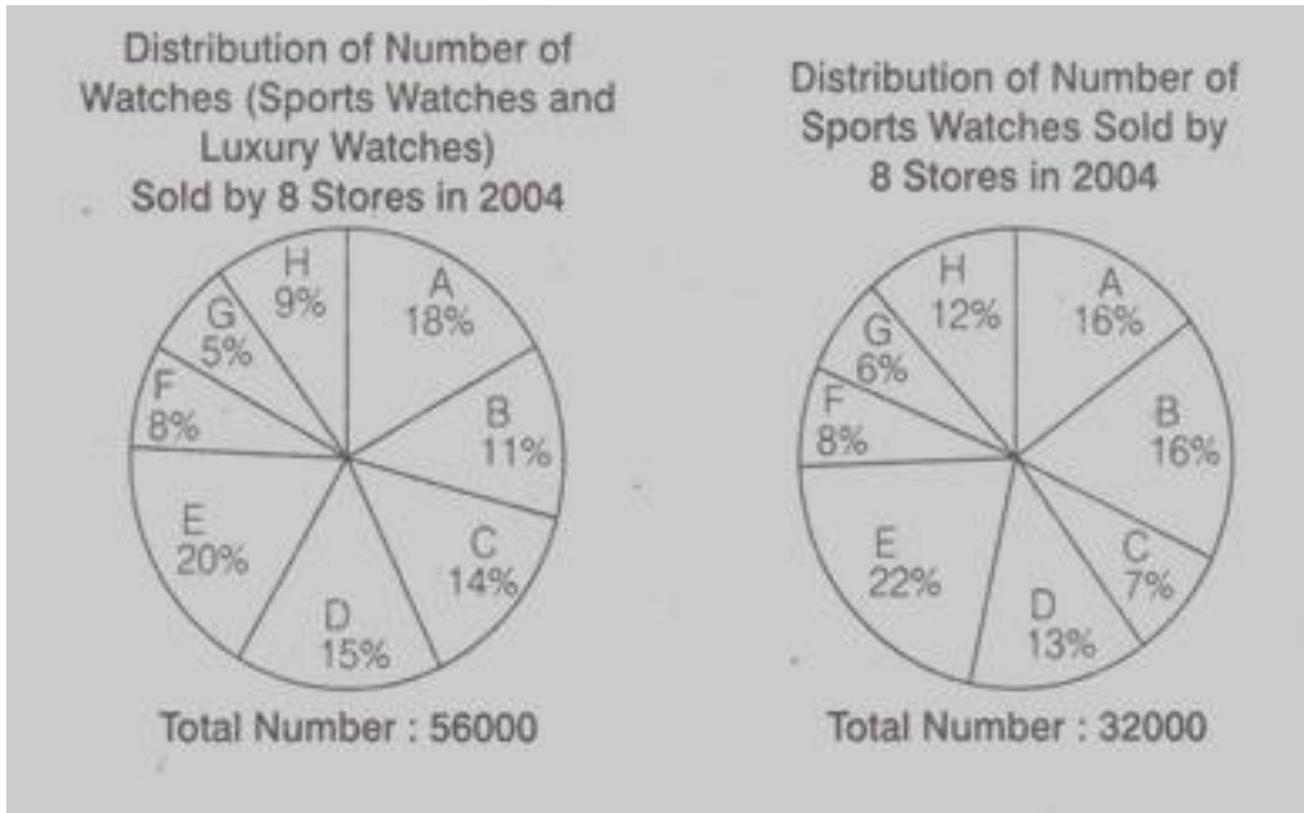
19. When an article is sold for RS. 703 loss incurred is 25% less than the profit earned on selling it at 836 . what is the selling price of the article when it earns a profit of 20% ?

- (A) 912
- (B) 512
- (C) 928
- (D) 725

20. What quantity of water should be added to reduce 10 litres of 30% acidic liquid to 20% acidic liquid?

- (A) 3.5 litres
- (B) 2 litres
- (C) 5 litres
- (D) 10 litres
- (E) None of these

Directions (21 – 25): Study the pie-charts carefully and answer the questions based on it.



21. Total number of luxury watches sold by stores C and H together is by what percent less than total number of watches (sports watches and luxury watches) sold by stores F and H together?

- (A) 295/6
- (B) 273/7
- (C) 313/5
- (D) 284/7
- (E) 265/9

22. Number of watches (sports watches and luxury watches) sold by store D is by what percent more than total number of sports watches sold by stores C, F and G together ?

- (A) 22.5
- (B) 25
- (C) 27.5
- (D) 35
- (E) 30

23. What is the respective ratio between total number of sports watches sold by stores A and B together and total number of watches (sports and luxury) sold by stores C and F together?

- (A) 64 : 77

- (B) 48 : 61
- (C) 56 : 77
- (D) 64 : 81
- (E) 48 : 73

24. What is the average number of luxury watches sold by stores A, D, E, F and H together?

- (A) 3152
- (B) 3296
- (C) 3548
- (D) 3186
- (E) 3428

25. If the number of watches sold by stores A, D, and E increased by 10%, 35%, and 15% respectively from 2004 to 2005 what was the total number of luxury watches sold by these three stores in 2005?

- (A) 16172
- (B) 14966
- (C) 15848
- (D) 15964
- (E) 16392

(26 – 28): In the following questions, two equations have been given. You have to calculate the value of x and y and give answer:

- (A) If $x < y$

- (B) If $x \leq y$
(C) If $x > y$
(D) If $x \geq y$
(E) If $x = y$ or the relation cannot be established.

26. I. $x^2 - 7x + 120 = 0$

II. $y^2 - 8y + 240 = 0$

27. I. $x^2 - 33x + 200 = 0$

II. $y^2 - 27y + 180 = 0$

28 . I. $x^2 - 14x + 49 = 0$

II. $y^2 = 49$

29. On selling 17 balls at Rs. 720, there is a loss equal to the cost price of 5 balls. What is the price of the ball?

- (A) RS. 43
(B) RS. 56
(C) RS. 60
(D) RS. 49
(E) RS. 57

30. A person crosses a 600 meters long street in 5 minutes. What is his speed in km per per hour?

- (A) 8.2
(B) 4.2
(C) 6.0
(D) 7.2
(E) None of these

Direction (31 – 35): Study the information carefully to answer the questions that follow:

A school consisting of a total of 3120 students has boys and girls in the ratio of 7 : 5 respectively. All the students are enrolled in different types of hobby classes, viz. Singing, Dancing and Painting. One-fifth of the boys are enrolled in only Dancing classes. Twenty per cent of the girls are enrolled in only Painting classes. Ten per cent of the boys are enrolled in only Singing classes. Twenty four per cent of the girls are enrolled in only Singing and Dancing classes together. The number of girls enrolled in only Singing classes is two hundred per cent of the boys enrolled in the same. One-thirteenth of the boys are enrolled in all the three classes together. The respective ratio of boys enrolled in only Dancing and Painting classes together to the girls enrolled in the same is 2 : 1 respectively. Ten per cent of the girls are enrolled in only Dancing classes whereas eight per cent of the girls are enrolled in only Dancing and Painting classes together. The remaining girls are enrolled in all the three classes together. The number of boys enrolled in only Singing and Dancing classes together is fifty per cent of the number of girls enrolled in the same.

The remaining boys are enrolled in only Painting classes.

31. Total number of girls enrolled in Singing is approximately what per cent of the total number of students in the school?

- (A) 22
(B) 38
(C) 64
(D) 28
(E) 26

32. What is the respective ratio of the number of girls enrolled in only Painting classes to the number of boys enrolled in the same?

- (A) 77 : 26
(B) 21 : 73
(C) 26 : 77
(D) 73 : 21
(E) None of these

33. Number of girls enrolled in only Dancing classes is what per cent of the boys enrolled in the same? (Rounded off to two digits after decimal)

- (A) 38.67
(B) 35.71
(C) 41.83
(D) 28.62
(E) None of these

34. What is the total number of boys who are enrolled in Dancing?

- (A) 636
(B) 728
(C) 584
(D) 868
(E) None of these

35. What is the total number of students enrolled in all the three classes together?

- (A) 150
(B) 125
(C) 140
(D) 160
(E) None of these

36. The sum of the ages of A and B is four-third the age of C. The age of B is two-third of the age of C. If the sum of the ages of the three persons is 35 years, what is the age of B?

- (A) 20 years
(B) 10 years

- (C) 18 years
- (D) 15 years
- (E) None of these

37. Ajay and Vijay have some marbles with them. Ajay told Vijay "if you give me x marbles, both of us will have equal number of marbles". Vijay then told Ajay "if you give me twice as many marbles, I will have 30 more marbles than you would". Find x .

- (A) 4
- (B) 5
- (C) 6
- (D) 8
- (E) None of these

38. The cost of one pen and two books together is Rs. 70. The cost of three pens and nine books together is Rs. 300. Find the difference between the cost of a book and a pen.

- (A) Rs. 20
- (B) Rs. 30
- (C) Rs. 10
- (D) Rs. 25
- (E) None of these

39. The present average age of a couple and their daughter is 35 years. Fifteen year from now, the age of the number will be equal to the sum of present ages of the father and the daughter. Find the present age of the mother.

- (A) 43 years
- (B) 40 year
- (C) 48 years
- (D) 45 years
- (E) None of these

40. A man travelled a total distance of 1800 km by plane, train and bus. He travelled one-third of the whole trip by plane and the distance travelled by train is three-fifth of the distance travelled by bus. Find the distance travelled by bus.

- (A) 450 km
- (B) 850 km
- (C) 1200 km
- (D) 750 km
- (E) None of these

Directions (41 – 45): What should come in place of question mark (?) in the following questions?

41. The average age of 40 students of a class is 15 years. When 10 new students are admitted, then the average is increased by 0.2 year. The average age of the new students is

- (a) 15.2 years
- (b) 16 years
- (c) 16.2 years
- (d) 16.4 years

42. The rate at which a sum becomes four times of itself in 15 years at simple interest will be

- (a) 25 %
- (b) 20%
- (c) $17\frac{1}{2}\%$
- (d) 15%

43 How many words can be formed from the letters of the word SIGNATURE so that the vowels always come together?

- (a) 2880
- (b) 1400
- (c) 17280
- (d) 3600

44. Rs.20 is the true discount on Rs. 260 due after a certain time. What will be the true discount on the same sum due after a quarter of the former time , the rate of interest being the same ?

- (a) Rs $5\frac{15}{49}$
- (b) Rs $4\frac{15}{49}$
- (c) Rs $5\frac{16}{49}$
- (d) Rs $4\frac{16}{49}$

45. A can finish a piece of work in 5 Days. B can do it in 10 days. They work together for two days and then A goes away. In how many days will B finish the work ?

- (a) 4 days
- (b) 5 days
- (c) 6 days
- (d) 8 days

46. In how many different ways can the letters of the word DESIGN be arranged so that the vowels be at the two ends?

- (A) 34
- (B) 36

- (C) 48
- (D) 72
- (E) 96

47. Ankur purchased a TV set for Rs. 11250 and he spent Rs. 150 on transportation and Rs. 800 on installation. At what price should it be sold that 15% profit be earned?

- (A) Rs. 12938
- (B) Rs. 14030
- (C) Rs. 13650
- (D) Rs. 15140
- (E) Rs. 13560

48. A group of men decided to do a work in 10 days but 5 of them remained absent. If the rest of the group finished the work in 12 days; find the original number of men?

- (A) 35
- (B) 24
- (C) 25
- (D) 30
- (E) 40

49. A motor car finishes a journey in 5 hours, the first half at 21 kmph and the next half at 24 kmph. Find the total distance travelled.

- (A) 115 km
- (B) 110 km
- (C) 112 km
- (D) 100 km
- (E) 105 km

50. A took 45 minute to walk 15 km. If B is 20 % faster than A, How much time he will take to cover the same distance?

- (A) 36 min.
- (B) 38 min
- (C) 40 min.
- (D) 50 min.
- (E) None of these

Reasoning Ability & Computer Aptitude

Directions (1 – 5): Study the following information carefully and answer the questions:

In a certain code language, 'phone wave are harmful ' written as 'pu to su pe ', 'phone is best communication' written as 'pu lo po by' 'phone creates tension' is written as 'pu nu cho', 'tension is harmful' is written as 'cho lo su' and 'communication phone human' is written as 'by te pu'.

1. What is the code of 'communication'?

- (A) lo
- (B) jo
- (C) pe
- (D) by
- (E) None of these

2. Which of the following may be the code for 'phone is communication devices'?

- (A) pe su pu nu
- (B) ke lo by jo
- (C) pu lo by tok
- (D) cho bee pu po
- (E) None of these

3. Which of the following is the code for 'tension harmful human phone'?

- (A) te pe bee cho
- (B) bee cho ne pe
- (C) te pu su cho
- (D) me ne pe lo
- (E) None of these

4. What does 'wave' stand for?

- (A) ke
- (B) su
- (C) cho
- (D) nu
- (E) Either 'to' or 'pe'

5. If 'communication' is related to 'by', 'phone' is related 'pu' and 'best' is related to 'po', then in the same pattern 'is' is related to which of the following?

- (A) me
- (B) lo
- (C) ne
- (D) pu
- (E) None of these

Directions (6 – 10): In each question below, there are two or three statements followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be variance with commonly known facts and then decide which of given conclusions logically follow (s) from the given statements.

6. Statements: All hunters are punters.
Some punters are tigers.

Conclusions: I. Some hunters are tigers.

II. All tigers are punters.

III. Some punters are hunters.

IV. No punters are hunters.

(A) I and II follow

(B) II and III follow

(C) I and III follow

(D) II and IV follow

(E) None of these

7. Statements: Some boxes are dogs.

All dogs are pens.

Conclusions: I. Some boxes are pens.

II. Some pens are boxes.

III. Some pens are dogs.

IV. All pens are dogs.

(A) I, II and III follow

(B) II, III and IV follow

(C) I, III and IV follow

(D) I, II and IV follow

(E) All follow

8. Statements: Some diggers are jokers.

All jokers are cute.

Conclusions: I. Some diggers are cute.

II. No diggers are cute.

III. All cute are joker.

IV. All diggers are cute.

(A) I and III follow

(B) Either II or IV follows

(C) only I follows.

(D) Either I or III follows

(E) None of these

9. Statements: Some barbers are painters.

No painters are watches.

Conclusions: I. Some barbers are not watches.

II. Some barbers are watches.

III. Some watches are not barbers.

IV. Some watches are barbers.

(A) I and III follow

(B) Only I follows

(C) Either I or II and III follow

(D) Either III or IV and I follow

(E) Either I or II and either III or IV follow

10. Statements: Some carts are darts.

No smart is cart.

Conclusions: I. Some darts are not smarts.

II. All darts are smarts.

III. Some smarts are not darts.

IV. All smarts are darts.

(A) I and III follow

(B) Only I follows

(C) Only III follows

(D) I and either III or IV follow

(E) III and either I or II follow

Directions (11 – 15): Study the following information carefully and answer the questions given below:

Seven friends Raj, Sambhav, Nishu, Prashant, Om, Quinch and Tanmay works at different places in France ie. Paris, Lyon, Marseille, Nice, Bordeaux, Nantes and Lille but not necessarily in same order. They work at different branches of Government ie. Legislative, Executive and Judicial branch. Not more than three and not less than two of them work in any branch.

- The one who works at Marseilles does not work in Executive branch.
- Raj work at Nice and there is one judicial branch at Marseille.
- Prashant works in Lille and is in the same branch as that of Tanmay.
- Om works in Executive branch and Tanmay does not work in Executive branch.
- Nishu works at Bordeaux and is in same branch as that of Raj.
- Quinch does not work at Lyon and Om is placed at Nantes.
- There is a Legislative branch in Nice and there are three persons in executive branch.

11. Which three friend's works in same branch?

(A) Om, Prashant and Quinch

(B) Nishu, Prashant and Raj

(C) Om, Quinch and Sambhav

(D) Sambhav, Om and Prashant

(E) Other than given options

12. Who lives in Nantes?

- (A) Nishu
- (B) Om
- (C) Quinch
- (D) Raj
- (E) Sambhav

13. Which of the following combination is incorrect?

- (A) Nishu–Bordeaux–Judicial
- (B) Raj – Nice – Legislative
- (C) Sambhav – Lyon – Executive
- (D) Quinch – Paris – Executive
- (E) Other than given options

14. Sambhav works at which place?

- (A) Lille
- (B) Nice
- (C) Paris
- (D) Either 'Nice' or 'Paris'
- (E) Lyon

15. Where does Tanmay work?

- (A) Lille
- (B) Nice
- (C) Marseilles
- (D) Bordeaux
- (E) Lyon

Directions (16 – 20): Read the following information carefully and answer the questions, which follow:

'A – B' means 'A is father of B'.

'A + B' means 'A is daughter of B'.

'A ÷ B' means 'A is son of B'.

'A × B' means 'A is wife of B'.

16. How is P related to T in the expression 'P + S – T'?

- (A) Sister
- (B) Wife
- (C) Son
- (D) Daughter
- (E) None of these

17. In the expression 'P × Q – T' how is T related to P?

- (A) Daughter
- (B) Sister
- (C) Mother

(D) Can't be determined

(E) None of these

18. Which of the following means T is wife of P?

- (A) $P \times S \div T$
- (B) $P \div S \times T$
- (C) $P - S \div T$
- (D) $P + T \div S$
- (E) None of these

19. Which of the following means P is grandson of S?

- (A) $P + Q - S$
- (B) $P \div Q \times S$
- (C) $P \div Q + S$
- (D) $P \times Q \div S$
- (E) None of these

20. In the expression 'P + Q × T' how is T related to P?

- (A) Mother
- (B) Father
- (C) Son
- (D) Brother
- (E) None of these

Directions (21 – 25): Read the following information carefully and answer the questions given below.

Seven managers Sharma, Mishra, Singh, Kulkarni, Rao, Joshi and Nair are to conduct interviews simultaneously either alone or in pairs at four different locations—Surat, Chandigarh, Delhi and Lucknow. Only one wants to travel by rail, two prefer travelling by car and the rest travel by air.

(i) Sharma is going to Lucknow but neither by car nor by air.

(ii) Mishra prefers to travel by car.

(iii) Neither Joshi nor Nair is going to Delhi.

(iv) Only those going to Surat travel by road.

(v) Kulkarni will assist his friend Mishra.

(vi) The two managers who go to Delhi travel by air.

21. Where will Kulkarni conduct the interviews ?

- (A) Surat
- (B) Lucknow
- (C) Chandigarh
- (D) Delhi
- (E) None of these

22. Who goes to Delhi ?

- (A) Mishra-Kulkarni
- (B) Rao-Singh
- (C) Kulkarni-Joshi
- (D) Data inadequate
- (E) None of these

23. Which of the following is true?

- (A) Kulkarni travels by air.
- (B) Nair will assist Rao.
- (C) Sharma conducts interviews alone.
- (D) Joshi goes to Chandigarh.
- (E) None of these

24. Who will conduct interviews at Chandigarh?

- (A) Nair
- (B) Singh
- (C) Rao
- (D) Data inadequate
- (E) None of these

25. Which of the following pairs is different from the other four with regard to mode of travel ?

- (A) Sharma-Mishra
- (B) Rao-Mishra
- (C) Nair-Rao
- (D) Kulkarni-Joshi
- (E) Sharma-Singh

26. How many numbers would remain if the numbers which are divisible by 5 and also those having 5 as only one of the digits are dropped from the numbers 35 to 70?

- (A) 23
- (B) 21
- (C) 20
- (D) 24
- (E) None of these

27. If '÷' means '+', '-' means 'x', 'x' means '÷' and '+' means '-', then $15-8 \times 6 \div 12+4=$?

- (A) 20
- (B) 28
- (C) $84/7$
- (D) $22/3$
- (E) None of these

28. In a certain code FIVE is written as GHWD. How is HURT written in that code?

- (A) ITSS
- (B) ITST
- (C) GTSS
- (D) ITQU
- (E) None of these

29. How many such pairs of digits are there in the number 59126874 each of which has as many digits between them in the number as when the digits are rearranged in descending order among them within the number?

- (A) None
- (B) One
- (C) Two
- (D) Three
- (E) More than three

30. There are thirty five students in a class. Suman ranks third among the girls in the class. Amit's rank is 5th among the boys in the class. Suman is one rank below Amit in the class. No two students hold the same rank in the class. What is Amit's rank in the class?

- (1) Cannot be determined
- (2) 5th
- (3) 8th
- (4) 7th
- (5) None of these

Directions (31 – 35): Study the following arrangement carefully and answer the questions given below:

R D A K 5 B I 2 M J E N 9 7 U Z V 1 W 3 H 4 F Y 8 P 6 T G

31. How many such numbers are there in the above arrangement, each of which is immediately preceded by a consonant and immediately followed by a vowel?

- (A) None
- (B) One
- (C) Two
- (D) Three
- (E) More than three

32. Which of the following is the eighth to the left of the seventeenth from the left end?

- (A) M
- (B) J
- (C) 8
- (D) 5
- (E) None of these

33. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?

- (A) E9J
- (B) Z1U
- (C) HW4
- (D) Y48
- (E) B2K

34. Which of the following is the sixth to the right of the nineteenth from the right end?

- (A) 5
- (B) Z
- (C) V
- (D) 1
- (E) None of these

35. How many such consonants are there in the above arrangement, each of which is immediately preceded by a number and immediately followed by another consonant?

- (A) None
- (B) One
- (C) Two
- (D) Three
- (E) More than three

Directions (36 – 40): Study the following arrangement carefully and answer the questions given below.

W 1 5 E J R 2 M A 9 T K U N 4
B I 8 D H 3 F 6 P Z 7 Q

36. How many such consonants are there, each of which is immediately preceded by a number and immediately followed by a vowel?

- (A) None
- (B) One
- (C) Two

- (D) Three
- (E) More than three

37. Which of the following is the seventh to the left of 4?

- (A) M
- (B) A
- (C) F
- (D) 3
- (E) None of these

38. How many such vowels are there, each of which is immediately preceded and also immediately followed by a consonant?

- (A) None
- (B) One
- (C) Two
- (D) Three
- (E) More than three

39. Which of the following is exactly in the middle between 9 and H?

- (A) U
- (B) B
- (C) N
- (D) 4
- (E) None of these

40. How many such numbers are there, each of which is immediately preceded by a vowel?

- (A) None
- (B) One
- (C) Two
- (D) Three
- (E) More than three

Directions (41 – 45): In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions

- (A) if only conclusion I follows.
- (B) if only conclusion II follows.
- (C) if either conclusion I or II follows.
- (D) if neither conclusion I nor II follows.
- (E) if both conclusions I and II follow.

41. Statements :

$A \geq B = C; B < D \leq E$

Conclusions:

I. $D > A$

II. $E > C$

42. Statements:

$L > U \geq K; Z < U < R$

Conclusions:

I. $L > Z$

II. $K < R$

43. Statements :

$Y < J = P \geq R > I$

Conclusions:

I. $J > I$

II. $Y < R$

44. Statements:

$V \geq K > M = N; M > S; T < K$

Conclusions:

I. $T < N$

II. $V = S$

45. Statements :

$F \leq X < A; R < X \leq E$

Conclusions:

I. $F \leq E$

II. $R < F$

46. When a pointer is positioned on a _____, it is shaped like a hand.

- (A) hyperlink
- (B) screen tip
- (C) mouse
- (D) plotter
- (E) document

47. What is called the process of copying software programmes from secondary storage media to the hard disk?

- (A) configuration
- (B) download
- (C) installation
- (D) upload

(E) storage

48. Which of the following is (are) advantage (s) of CD – ROM as a storage media?

- (A) CD – ROM is an expensive way to store large amount of data and information.
- (B) CD – ROM disks retrieve and information more quickly than magnetic disc.
- (C) CD – ROM make less errors than magnetic media
- (D) All of these
- (E) None of these

49. A (n) _____ is a special visual and audio effect applied in power point to text or content?

- (A) flash
- (B) animation
- (C) power
- (D) wipe
- (E) None of these

50. Which of the following is storage device that uses rigid, permanently installed magnetic disks to store data / information?

- (A) Hard disk
- (B) Permanent disk
- (C) Optical disk
- (D) Floppy diskette
- (E) None of these

GA ANSWERS:

1	B	11	C	21	C	31	B	41	B
2	D	12	A	22	B	32	A	42	B
3	B	13	D	23	C	33	C	43	B
4	A	14	A	24	C	34	D	44	A
5	B	15	C	25	B	35	B	45	D
6	C	16	B	26	A	36	C	46	B
7	C	17	D	27	C	37	D	47	D

8	B	18	A	28	D	38	C	48	D
9	D	19	B	29	A	39	C	49	A
10	B	20	D	30	C	40	D	50	D

ENGLISH ANSWERS:

1	E	11	E	21	E	31	C
2	C	12	C	22	C	32	D
3	E	13	D	23	B	33	A
4	C	14	E	24	A	34	E
5	A	15	D	25	B	35	B
6	E	16	C	26	D	36	C
7	D	17	A	27	B	37	A
8	C	18	B	28	C	38	E
9	D	19	E	29	A	39	B
10	C	20	D	30	C	40	D

QUANTITATIVE APTITUDE ANSWERS:

1	B	11	B	21	D	31	E	41	B
2	A	12	C	22	B	32	C	42	B
3	D	13	C	23	A	33	B	43	C
4	C	14	D	24	B	34	D	44	A
5	E	15	C	25	D	35	C	45	A
6	B	16	A	26	E	36	B	46	C
7	C	17	C	27	E	37	B	47	B
8	D	18	B	28	D	38	A	48	D
9	C	19	A	29	C	39	D	49	C
10	A	20	C	30	D	40	D	50	E

QUANTITATIVE APTITUDE EXPLANATIONS:

2. Actual average wt. = $\frac{75 \cdot 47 + 25 \cdot 45}{75} = 3505/75 \approx 46.73$

4. Let total amount was Rs. X

Hence, $x - 38460 - 24468 = \frac{28x}{100}$

i. e, $\frac{72x}{100} = 62928$ $x = \text{Rs. } 87400$

5. Let Anita's age at the time of marriage = x years

$x + 9 = \frac{4}{3}x$; $x = 27$ years

Present age of Anita = $27 + 9 = 36$ years

Her daughter's age 2 years ago = $\frac{36}{6} - 2 = 4$ years

6. Required difference =

$\frac{(37-3) + (39-28) + (121-13) + (21-10) + (24-3)}{5} = 37$

8. Required % = $\frac{121}{1600} * 100 \approx 7.5\%$

9. Required % = $\frac{(3+27)}{24} * 100 = 125\%$

10. Required ratio = $36/268 = 9 : 67$

21. Total number of luxury watches sold by stores C and H together = Total number of (luxury + sports) watches sold by stores C and H together - Total number of sports watches sold by stores C and H together

= $(14 + 9)\%$ of 56000 - $(7 + 12)\%$ of 32000 = 12880 - 6080 = 6800

Total number of sport and luxury watches sold by stores F and H together = $(8 + 9)\%$ of 56000 = 17% of 56000 = 9520.

Therefore, required percentage = $(9520 - 6800) / 9520 \times 100\% = 28 \frac{4}{7}\%$

22. Number of watches (sports and luxury watches) sold by store ID = 15% of 56000 = 8400

Number of sports watches sold by stores C, F and G together = $(7 + 8 + 6)\%$ of 32000 = 21% of 32000 = 6720

Therefore, required percentage = $(8400 - 6720) / 6720 \times 100\% = 25\%$

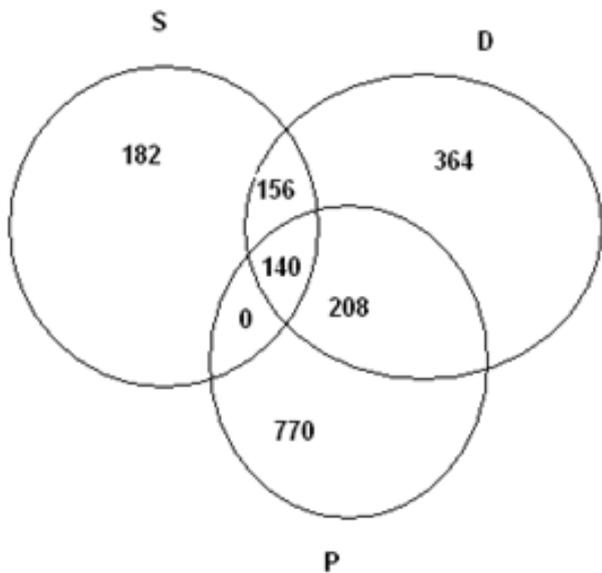
(31 – 35):

23. Total number of sports watches sold by stores A and B together

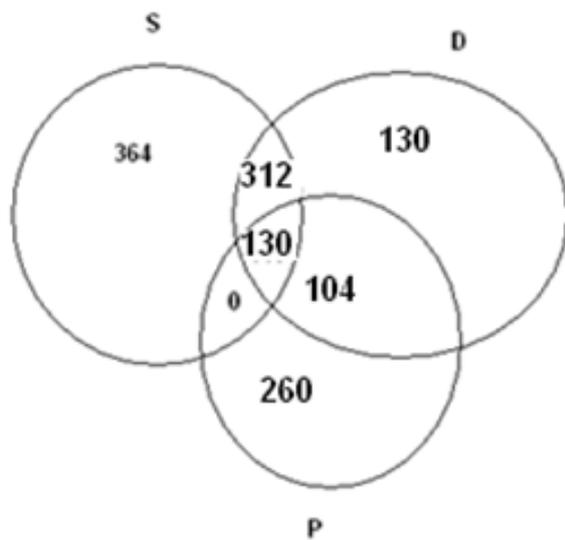
= $(16 + 16)\%$ of 32000 = 32% of 32000 = 10240

Total number of watches (sports and luxury) sold by stores C and F together = $(14 + 8)\%$ of 56000 = 22% of 56000 =

12320 Therefore, required ratio = 10240 : 12320 = 64 : 77



Total Boys = 1820



Total Girls = 1300

31. Required percentage = $(364 + 312 + 130) / 3120 \times 100 = 26$

32. Required ratio = 260 : 770 = 26 : 77

33. Required percentage = $130 / 364 \times 100 = 35.71$

34. Total number of boys who are enrolled in Dancing = $364 + 156 + 140 + 208 = 868$

35. Total number of students enrolled in all the three classes together = $130 + 140 = 270$

37. Let the number of marbles with Ajay and Vijay initially be A and V. If Vijay gives x marble to Ajay then Vijay and Ajay would have $V - x$ and $A + x$ marbles respectively.

$$V - x = A + x \dots\dots\dots (1)$$

If Ajay gives 2x marble to Vijay then Ajay and Vijay would have $A - 2x$ and $V + 2x$ marbles respectively.

$$V + 2x - (A-2x) = 30 = V - A + 4x = 30 \dots\dots\dots (2)$$

From (1) we have $V - A = 2x$

Substituting $V - A = 2x$ in equation (2)

$$6x = 30 = x = 5.$$

38. Let the price of book be y and price of pen be x .

$$x + 2y = 70$$

$$3x + 9y = 300$$

By solving the equations we get $x = 10$ and $y = 30$

The difference between the cost of book and pen is 30

$$- 10 = \text{Rs. } 20$$

39. Let the present age of the father, mother and daughter be f , m and d respectively.

$$(f+m+d)/3=35$$

$$f + m + d = 105 \dots\dots\dots (1)$$

$$m + 15 = f + d$$

Substituting $f + d$ as $m + 15$ in (1),

$$\text{we get } 2m + 15 = 105$$

$$2m = 90 = m = 45 \text{ years}$$

40. Total distance travelled = 1800 km

Distance travelled by plane = 600 km

Let distance travelled by bus = x

Distance travelled by train = $3x/5$

$$x + 3x/5 + 600 = 1800$$

$$8x/5 = 1200 = x = 750 \text{ km}$$

$$76. \text{ Number of ways} = 2 \times 4! = 48$$

$$80. \text{ Required time} = \frac{45}{120} \times 100 = 37.5 \text{ min.}$$

Reasoning Ability & Computer Aptitude Answers

1	D	11	C	21	A	31	A	41	B
2	C	12	B	22	B	32	A	42	E
3	C	13	A	23	E	33	E	43	A
4	E	14	E	24	D	34	C	44	D
5	B	15	C	25	C	35	D	45	A
6	E	16	A	26	C	36	C	46	A
7	A	17	D	27	B	37	A	47	C
8	C	18	C	28	A	38	D	48	C
9	D	19	C	29	D	39	D	49	D
10	D	20	B	30	D	40	B	50	B

REASONING EXPLANATIONS:

(1 – 5):

phone - pu

is - lo

harmful - su

best - po

tension - cho

human - te,

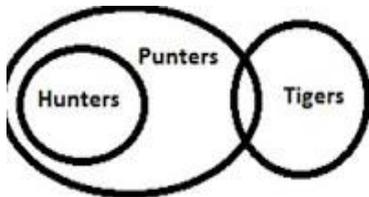
creates - nu

communication - by

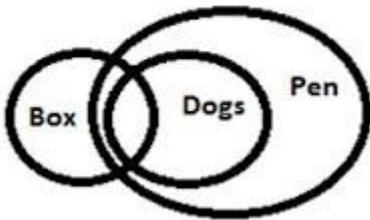
wave - Eitehr 'to' or 'pe'

are = Either 'pe' or 'to'

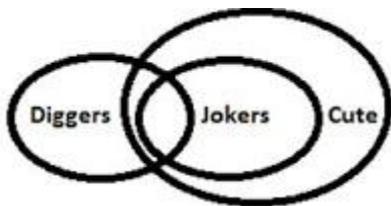
6.



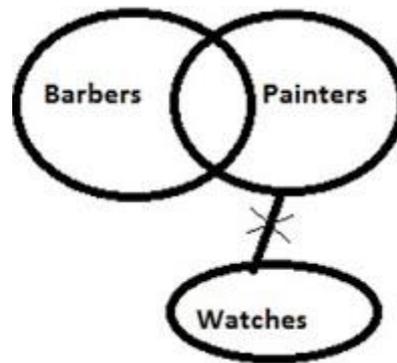
7.



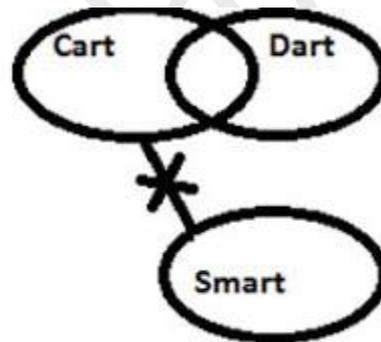
8.



9.



10.



(11 – 15):

Name	Working Place	Branches
Nishu	Bordeaux	Legislative
Prashant	Lille	Judicial
Om	Nantes	Executive
Quinch	Paris	Executive
Tanmay	Marseille	Judicial
Raj	Nice	Legislative
Sambhav	Lyon	Executive

(21 – 25):

Manager	Place of Interview	Means of Travel
Sharma	Lucknow	Rail
Mishra	Surat	Car
Singh	Delhi	Air
Kulkami	Surat	Car

Rao	Delhi	Air
Joshi	Chandigarh / Lucknow	Air
Nair	Chandigarh / Lucknow	Air

26. Numbers which are divisible only one digit have '5'

35, 40, 45, 50, 51, 52, 53, 54, 65, 70 = 16

Rest Numbers = $36 - 16 = 20$

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