



EKAM IAS ACADEMY, HYDERABAD

(AN INSTITUTE FOR UPSC/TSPSC/APPSC)

8121017337 / 8121027337

PRELIMS MISSION CSAT (22-02-2024)

EXPLANATION

1. Which of the following number is divisible by 15

- a) 3975
- b) 3575
- c) 3970
- d) 3580

Answer: A

2. There is a number consisting two digits, the digit in the units place is twice that in the tens places and if 2 be subtracted from the sum of the digits. The difference is equal $\frac{1}{6}$ th of the number. The number is

- a) 26
- b) 25
- c) 24
- d) 23

Answer: C

3. There are 50 boxes and 50 persons. Person 1 keeps 1 marble in every box. Person 2 keeps 2 marbles in every 2nd box, person 3 keeps 3 marbles in every third box. This process goes on till person 50 keeps 50 marbles in the 50th box. Find the total number of marbles kept in the 50th box.

- a) 43
- b) 78
- c) 6
- d) 93

Answer: D

4. The fourth proportional to 4, 7 and 20 is:

- a) 28
- b) 21
- c) 18
- d) 35

Answer: D

5. A sum of Rs. 21000 is divided among A, B, C such that shares of A and B are in the ratio of 2: 3 and those of B and C are in the ratio 4: 5. The amount received by A is:

- a) Rs. 6000
- b) Rs. 4500
- c) Rs. 4800
- d) Rs. 8400

Answer: C

6. The ratio of incomes of A and B is 2: 3. The sum of their expenditures is Rs. 8000 and the amount of savings of A is equal to the amount of expenditure of B. What is the sum of their savings? (d)

- a) 22,000
- b) 4,000
- c) 16,000
- d) 12,000

Answer: D

7. A sum becomes Rs. 4500 after two years and Rs. 6750 after four years at compound interest. The sum is

- a) Rs. 4000
- b) Rs. 2500
- c) Rs. 3000
- d) Rs. 3050

Answer: C

8. A man borrowed some money from a private organization at 5% simple interest per annum. He lent 50% of this money to another person at 10% compound interest per annum and thereby the man made a profit of Rs. 3,205 in 4 years. The man borrowed.

- a) Rs. 80,000
- b) Rs. 1,00,000
- c) Rs. 1,20,000
- d) Rs. 1,50,000

Answer: B

9. A money-lender borrows money at 4% per annum and pays the interest at the end of the year. He lends it at 6% per annum compound interest compounded half yearly and receives the interest at the end of the year. In this way, he gains Rs. 104.50 a year. The amount of money he borrows, is

- a) Rs. 6,000
- b) Rs. 5,500
- c) Rs. 5,000
- d) Rs. 4,500

Answer: C

10. A, B and C started a business by investing Rs. 30,000, Rs. 20,000 and Rs. 10,000 respectively. After 6 months, A withdraws Rs. 10,000 and B withdraws



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Rs. 5000 and C invests Rs. 15,000 more. Find the share of B out of an annual profit of Rs. 4800.

- a) Rs.1500
- b) Rs. 1400
- c) Rs.2200
- d) Rs.2500

Answer: B

11. The average salary of Rajesh, Bahadur and Amir is Rs. 8000 per month. The average expenditure of the Rajesh, Bahadur and Amir per month is Rs. 5000. The average savings of all the 3 persons per month is:

- a) Rs. 3000
- b) Rs. 5000
- c) Rs. 2500
- d) Rs. 9000

Answer: A

12. The average weight of 8 persons increases by 2.5 kg when a new person comes in place of one of them weighing 65 kg. What might be the weight of the new person?

- a) 82 kg
- b) 85 kg
- c) 76.5 kg
- d) 80 kg

Answer: B

13. In a village the average age of n people is 42 years. But after the verification it was found that the age of a person had been considered 20 years less than the actual age, so the new average, after the correction, increased by 1. The value of n is:

- a) 21
- b) 20
- c) 22
- d) None

Answer: B

14. Age of Siva is 20 years. If the Shyam's age is 25% L greater than that of Siva then how much percent Siva's age is less than Shyam's age?

- a) 29%
- b) 20%
- c) 25%
- d) 33%

Answer: B

15. The cost of refrigerator, went up by 5% as a result of the sale reduced by 15% and find, the percentage change in the revenue of the shopkeeper.

- a) 10.75% decrease
- b) 10% increase
- c) 20% decrease
- d) 10.75% increase

Answer: A

16. Mr. Surya Spend 30% of his income on food. 20% of the remaining on books 10% of remaining on entertainment and save the remaining Rs. 10,080. Find his income?

- a) Rs. 16,800
- b) Rs. 25,200
- c) Rs. 20,160
- d) Rs. 20,000

Answer: D

Directions: (17): Study the following information carefully and answer the questions which follow:

Pont P is 9m towards the East of point Q. Point R is 5m towards the south of point P. Point S is 3m towards the west of point R. Point T is 5m towards the North of Pont S. Point V is 7m towards the south of point S.

17. If a person walks in a straight line of 8m towards west C from point R, which of the following points would he cross the first?

- a) V
- b) Q
- c) T
- d) S

Answer: D

Directions: Read the following information carefully and answer the questions which follow:

Farhan started from Point P walked 5 m South and then took a left turn, walked 2 m and reached Point Q. He then took a left turn, walked 3 m and then took a right turn and walked 1 m to reach Point R, He then took a left turn, walked 2 m and reached point S and took a final left turn walked 2 m before stopping at Point T.



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18. How far and in which direction is Point T from Point P? (C)

- a) 2 m towards East
- b) 1 m towards West
- c) 1 m towards East
- d) 2 m towards West
- e) Cannot be determined

Answer: C

19. The cost of wheat reduced by 28%. How much percent its consumption increased such that the expenditure increases by 8%.

- a) 36%
- b) 30.24%
- c) 20%
- d) 50%

ANSWER: D

20. The cost of packaging of the mangoes is 40% of the cost of fresh mangoes themselves. The cost of mangoes increased by 30% but the cost of packaging decreases by 50%, then the percentage change of the cost of packed mangoes, if the cost of packed mangoes is equal to the sum of the cost of fresh mangoes and cost of packaging

- a) 14.17%
- b) $7\frac{1}{7}\%$
- c) 6.66%
- d) 7.14%

ANSWER: B

21. The monthly salary of Siva and Kareena together is \$ 28,000. The salaries of Siva and Kareena is increased by 25% and 12.5% respectively then the new salary of Kareena becomes 120% of the new salary of Siva. The new (or increased) salary of Siva is:

- a) \$ 15,000
- b) \$18,000
- c) \$14,000
- d) \$16,000

ANSWER: A

22. If the marked price of an article is Rs. 450 and mark up percentage is 12.5%, what is the cost price?

- a) 400

b) 500

c) 1125

d) None of these

ANSWER: A

23. How many odd days are there in 126 days?

a) 1

b) 0

c) 2

d) 3

e) 5

ANSWER: B

24. Which year will have the same calendar as 2015?

a) 2020

b) 2021

c) 2026

d) 2027

e) 2028

ANSWER: C

25. Which day of the week was 27th Oct, 1983?

a) Tuesday

b) Wednesday

c) Thursday

d) Friday

e) Saturday

ANSWER: C

26. At what percent above the cost price must an articles be marked so as to gain 17% after allowing a discount of 10%?

a) 34%

b) 70%

c) 30%

d) 27%

ANSWER: C

27. By selling 18 chocolates, a vendor losses the selling price of 2 chocolates. Find his loss percent?

a) 10%

b) 15%

c) 10%

d) 15%

ANSWER: A



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28. A cloth merchant professes to sell his material at a loss of 8%. But he measures 84 cm for a meter. Find his actual gain or loss percent?

- a) $9\frac{5}{11}$ % gain
- b) $9\frac{11}{21}$ % gain
- c) $8\frac{7}{21}$ % gain
- d) $8\frac{5}{21}$ % loss

ANSWER: B

29. Padam purchased 30 kg of rice at the rate of Rs. 17.50 per kg and another 30 kg rice at a certain rate. He mixed the two and sold the entire quantity at the rate of Rs. 18.60 per kg and made 20% overall profit. At what price per kg did he purchase the lot of another 30 kg rice?

- a) Rs. 14.50
- b) Rs. 13.50
- c) Rs. 17.50
- d) Rs. 16.50

Answer: B

30. What is the sum of amount which gives Rs. 6300 as interest @ 7% per annum of simple interest in 72 years?

- a) 36000
- b) 24000
- c) 63000
- d) 12000

ANSWER: D

31. A sum of money triples (i.e., 3 times) in 15 years at C r% of simple interest per annum. What is the value of r?

- a) 12%
- b) $\frac{40}{3}$ %
- c) $\frac{50}{3}$ %
- d) Cannot be determined

ANSWER: B

32. It is decided that a loan of Rs 10, 000 will be paid off at the rate of Rs 800 per month in 15 equal installments. Find out the rate of return on investment.

- a) 17% P.a.
- b) 18% P.a.
- c) 15% P.a.

d) 16% P.a.

ANSWER: A

33. A started business with ₹45,000 and B joined afterward with ₹30,000. If the profits at the end of one year were divided in the ratio 2 : 1 respectively, then B would have joined A for business after:

- a) 1 month
- b) 2 months
- c) 3 months
- d) 4 months

ANSWER: c

34. A and B enter into a partnership with capitals in the ratio 2:3. At the end of 9 months A withdraws from the business. If their profits are in the ratio 1:2, how long did B invest his capital?

- a) 12 months
- b) 8 months
- c) 10 months
- d) 11 months

Answer: a

35. A scientific calculator is available at universal shoppe in Ameerpet at 20% discount and the same is available at only 15% discount at Universal Dilshuknagar market. Ms. Agarwal has just sufficient amount of Rs. 800 to purchase it at Universal Shoppe Ameerpet. What is the amount that Ms. Agarwal has less than the required amount to purchase it at universal shoppe Dilshuknagar?

- a) Rs. 70
- b) Rs. 50
- c) Rs. 100
- d) Data insufficient

Answer: b

36. Shiva sells two cars each of Rs. 99,000. He makes a profit of 10% on the first car, but incurs a loss of 10% on the second. What will be his percentage of profit or loss on the whole transaction?

- a) 1% profit
- b) 1% loss
- c) 4% profit
- d) 4% loss

ANSWER: b



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37. A sum of money triples itself in 15 years 6 months. In how many years would it double itself?

- a) 5 years 3 months
- b) 7 years 9 months
- c) 10 years 3 months
- d) 11 years 6 months

ANSWER: B

38. A sum of money triples itself in 15 years 6 months. In how many years would it double itself?

- a) 5 years 3 months
- b) 7 years 9 months
- c) 10 years 3 months
- d) 11 years 6 months

ANSWER: B

39. The simple interest on a certain sum of money at the rate of 5% p.a. for 8 years is Rs. 840. At what rate of interest the same amount of interest can be received on the same sum after 5 years?

- a) 10%
- b) 8%
- c) 9%
- d) 12%

ANSWER: B

40. A sum of Rs. 725 is lent in the beginning of a year at a certain rate of interest. After 8 months, a sum of 1. If the Rs. 362.50 is lent but at the rate twice the former. At the end of the year, Rs. 21.75 is earned as interest from both the loans. What was the original rate of interest?

- a) 2.25%
- b) 6.5%
- c) 4.5%
- d) 5%

ANSWER: A

41. A sum of Rs. 7700 is to be divided among three brothers Vikas, Vijay and Viraj in such a way that simple interest on each part at 5% per annum after 1, 2 and 3 years respectively remains equal. The Share of Vikas is more than that of Viraj by

- a) Rs.1200
- b) Rs. 1400

c) Rs.2200

d) Rs.2800

ANSWER: D

42. If a sum of money compounded annually becomes 1.44 times of itself in 2 years, then the rate of interest per annum is

- a) 25%
- b) 22%
- c) 21%
- d) 20%

ANSWER: D

43. On a sum of money, the simple interest for 2 years is Rs. 660, while the compound interest is Rs. 696.30, the rate of interest being the same in both the cases, the rate of interest is?

- a) 13%
- b) 14%
- c) 12%
- d) 11%

ANSWER: D

44. A man deposited a total sum of Rs. 88400 in the name of his two sons aged 19 and 17 yr, so that at the age of 21, both will get equal amounts. If the money is invested at the rate of 10% compound interest per annum. What are the shares of his two sons?

- a) Rs. 48800, Rs. 40000
- b) Rs. 48400, Rs.48000
- c) Rs. 48400, Rs. 40000
- d) Rs. 48000, Rs. 40000

ANSWER: C

45. A, B and C enter in to a partnership with investment in the ratio 4:3:2. After 4 months A and B withdraw half of their capital and After 7 months C added 2/5 of his capital. Find the share of B in the total profit of Rs. 12600 at the end of the year?

- a) Rs. 3600
- b) Rs. 4800
- c) Rs. 3900
- d) Rs. 4200

ANSWER: A



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46. A company makes a profit of Rs. 9,00,000, 20% of which is paid as taxes. If the rest is divided among the partners P, Q and R in the ratio of 1:1:2, then the shares of P, Q and R are respectively:

- a) 2,40,000; 3,20,000; 1,60,000
- b) 3,20,000; 2,40,000; 1,60,000
- c) 1,60,000; 3,20,000; 2,40,000
- d) 1,60,000; 2,40,000; 3,20,000

ANSWER: D

47. A bank offers 10% interest rate compounded annually. A person deposits Rs. 20,000 every year in his account. If he does not withdraw any amount, then how much balance will his account show after four years?

- a) Rs. 102102
- b) Rs. 102220
- c) Rs. 104202
- d) Rs. 104222

ANSWER: A

48. The interest earned by investing a sum of money in scheme A for two years is Rs. 450 more than the interest earned when the same sum is invested in scheme B for the same period. If scheme A offers compound interest (compounded annually) at 30% pa and scheme B offers SI at the same rate of interest respectively, what was the sum invested in each scheme?

- a) Rs. 3600
- b) Rs. 1800
- c) Rs. 5000
- d) Rs. 2200

ANSWER: C

49. Pointing to a man Mrs. Asha said, "His father is the only son of my father" then how Asha is related to that man?

- a) Sister
- b) Brother
- c) Aunt
- d) (D) None of these

ANSWER: C

50. A student was asked to divide a number by 6 and add 12 to the quotient. He, however, first added 12 to

the number and then divided it by 6, getting 112 as the answer. The correct answer should have been

- a) 124
- b) 122
- c) 118
- d) 114

ANSWER: B

51. Find the unit digit in the product $(4387)245 \times (621)72$

- a) 1
- b) 2
- c) 5
- d) 7

ANSWER: D

52. In an exam the sum of the scores of A and B is 120, that of B and C is 130 and that of C and A is 140. Then the score of C is:

- a) 65
- b) 75
- c) 70
- d) 60

ANSWER: B

53. In $R \times H + D$, how is R related to D?

- i) $A \times B$ means A is mother of B
- ii) $A - B$ means A is wife of B
- iii) $A + B$ means A is son of B

- a) Mother
- b) Uncle
- c) Wife
- d) Cant be determined

ANSWER: C

54. Sunil walks towards the East from point A, turns right at point B and walks the same distance as he walked towards the East. He now turns left, walks the same distance again and finally makes a left turns and stops at point C after walking the same distance. The distance between A and C is how many times as that of A and B?

- a) Cannot be determined
- b) Two
- c) Three
- d) Four



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e) None of these

ANSWER: B

55. Srinu travels 5 km towards West & then 6 km towards his right then he travels 8 km towards his right & again 10 km towards his right. How far is he from the initial point & in which direction?

- a) 10 km South-East
- b) 5km, South-East
- c) 5 km, South-West
- d) 10 km South-West
- e) None of these

ANSWER: B

56. If the marks of $\frac{1}{4}$ th class is 85% and that of $\frac{1}{3}$ rd class C is 70% and the average marks of the rest class is 56%, then the average of the whole class is (for the given subjects):

- a) 67.916%
- b) 72.33%
- c) 69.165%
- d) Can't be determined

ANSWER: A

57. There were 45 students in a hostel. If the number of students increases by 9, the expense of the mess increases by Rs. 25 per day while the average expenditure per head diminishes by Rs. 1. Find the original expenditure of the mess.

- a) Rs. 390
- b) Rs. 295
- c) Rs. 395
- d) Rs.400

ANSWER: C

58. The sum of '8' consecutive odd numbers is 656. The average of '5' consecutive even numbers is 86. What is the sum of the smallest odd number and second largest even number.

- a) 163
- b) 153
- c) 143
- d) Can't be determined

ANSWER: A

59. Ramakant walks Northwards. After a while, he turns to his right and a little further to his left. Finally, after walking a distance of one kilometer, he turns to his left again. In which direction is he moving now?

- a) North
- b) South
- c) East
- d) West
- e) None of these

ANSWER: D

60. A taxi driver commenced his journey from a point and drove 10 km towards North and turned to his left and drove another 5 km. After waiting to meet one of his friends, he turned to his right and continued to drive another 10 km. He has covered a distance of 25 km so far but in which direction may he now be going?

- a) North
- b) West
- c) East
- d) South
- e) None of these

ANSWER: A

61. When watch shows 9 O'clock, if the hour hand points towards North-West then in which direction will the minute hand points?

- a) North-East
- b) North
- c) South
- d) West
- e) None of these

ANSWER: A

62. In a certain code DRAFT is written as SEBUG how is POLAR written in that code?

- a) PQMSB
- b) QPMBS
- c) GPMSB
- d) PQMBS
- e) SBMQP

ANSWER: A

Directions (63): Study the following information to answer the given questions:



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'time and money' is written as 'ma jo ki'
'manage time well' is written as 'pa ru jo'
'earn more money' is written as 'zi ha ma' and
'earn well enough' is written as 'si ru ha'.

63. What does 'ru' stand for? ()

- a) well
- b) manage
- c) time
- d) enough

ANSWER: A

64. A house worth Rs. 1,50,000 is sold by X to Y at 5% profit. Y sells the house back to X at 2% loss. Then in the entire transaction:

- a) X gains Rs. 3150
- b) X losses Rs. 4350
- c) X loses Rs. 1350
- d) X gains Rs. 4350

ANSWER: A

65. A dealer buys a washing machine, listed at Rs. 10000 and gets 10% and 20% successive discounts. He spends 10% of his CP on transport. At what price (in rupees) should he sell the washing machine to earn a profit of 10%?

- a) 8722
- b) 7892
- c) 8712
- d) 8840

ANSWER: C

66. If a man reduces the selling price of a fan from Rs. 1,250 to Rs. 1,000, his loss increases by 20%. The cost price of the fan is

- a) Rs. 2,400
- b) Rs. 2,450
- c) Rs. 2,500
- d) Rs. 2,350

ANSWER: C

67. How many degrees will the hour hand cover in 40 min?

- a) 20°
- b) (b)40°
- c) 120°

d) 60°

ANSWER: A

68. How many times are the two hands of a clock 72° apart in a day? (6)

- a) 22
- b) 44
- c) 26
- d) 43
- e) 4

ANSWER: B

Directions: (69-70): Study the following information carefully and answer the questions given below:

In certain code language:

“he needs some help” is written as “tu gi ja le”

“needs medicine and some “ is written as “le da tu si”

“some know now help” is written as “tu pa gi ki”

“now and where go” is written as “jo ze ki si”

69. What does 'da tu ja' mean in the given code language?

- a) now help medicine
- b) he some medicine
- c) he now medicine
- d) cannot be determined
- e) he needs medicine

ANSWER: B

70. What may be the possible code for 'now medicine could help'?

- a) gi da ki pi
- b) ki da gi ze
- c) tu ki gi da
- d) da gi le ki
- e) pa gi ki da

ANSWER: A

71. A boy aged 12-year is left with Rs. 1,00,000 which is under a trust. The trustees invest the money at 6% per annum and pay the minor boy a sum of Rs. 25,000, for his pocket money at the end of each year. The expenses of trust come out to be Rs. 500 per annum. Find the amount that will be handed over to the minor boy after he attains the age of 18 years.

- a) Rs. 120000



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- b) Rs. 150000
- c) Rs. 118000
- d) Rs. 125000

ANSWER: C

72. At what rate percent per annum will the simple interest on a sum of money be $\frac{2}{5}$ th of the amount in 10 years?

- a) 4%
- b) 55%
- c) 8%
- d) 65%

ANSWER: A

73. The compound interest on a certain sum at 50/3% for 3 years is Rs. 127. Find simple interest on same sum of same period and rate.

- a) Rs. 205
- b) Rs. 175
- c) Rs. 152
- d) Rs. 108

ANSWER: D

74. At what time between 10 to 11 O'clock are the hands of the clock be at right angles?

- a) 10 hr. 10 10/11 min
- b) 10 hr. 38 2/11 min
- c) 10 hr. 48 2/11 min
- d) None of these

ANSWER: D

Directions: (75-77)

Study the following information carefully and answer the questions given below:

The numbers 0 to 9 are coded in following manner considering the exceptions given below:

9 0 8 5 1 3 4 2 7 6

F C I B A G E J D H

Exception 1: If a number starts and ends with non zero odd number then the first and the last digits should be coded as P and Q respectively

Exception 2: If a number starts and ends with non zero even number then the first and the last digits should be coded as X and Y respectively

75. What is the code for 389167

- a) GIFAHQ
- b) PIFADQ
- c) GIFBHD
- d) PIFAHQ

ANSWER: D

76. What is the code for 278140?

- a) XDIAEY
- b) JDIAEC
- c) XDCAEY
- d) JDIGEC

ANSWER: B

77. What is the code for 1538428?

- a) ABGEIJI
- b) ABIGEJI
- c) ABGIEJI
- d) ABGEJII

ANSWER: C

78. What is the angle covered by the hour hand in 25 minutes?

- a) 150°
- b) 25°
- c) $50 \frac{1}{2}^\circ$
- d) $12 \frac{1}{2}^\circ$
- e) None of these

ANSWER: D

79. A clock which loses time uniformly was observed to be 3 minutes fast at 3:00 pm on a Wednesday. On the sub-sequent Friday at 10 pm the clock was 8 minutes slow. When did the clock show the correct time?

- a) Thursday 8 am
- b) Thursday 6 pm
- c) Thursday 6 am
- d) Thursday 8 pm
- e) None of these

ANSWER: C

80. If 13TH March, 1969 was Friday then 17TH Sep, 1969 was

- a) Monday
- b) Tuesday
- c) Thursday



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- d) Friday
- e) Sunday

ANSWER: C

81. On which dates of Jan 2015 did Friday fall?

- a) 2ND, 9TH, 16TH, 23RD, 30TH
- b) 2ND, 9TH, 16TH, 23RD
- c) 5TH, 12TH, 19TH, 26TH
- d) 3RD, 10TH, 17TH, 24TH, 31ST
- e) CANT BE DETERMINED

ANSWER: A

82. The last day of the century can't be?

- a) Thursday
- b) Monday
- c) Friday
- d) Sunday
- e) Wednesday

ANSWER: A

83. Statement: Should the income generated out of agricultural activities be taxed?

Arguments:

- I. No, farmers are otherwise suffering from natural calamities and low yield coupled with low procurement price and their income should not be taxed.
- II. Yes, majority of the population is dependent on agriculture and hence their income should be taxed to augment the resources.
- III. Yes, many big farmers earn much more than the majority of the service earners and they should be taxed to remove the disparity.

Select the correct answer:

- a) All are strong
- b) Only II and III are strong
- c) Only I is strong
- d) Only I and II are strong

ANSWER: B

84. Statement: Should road repair work in big cities be carried out only late at night?

Arguments:

- I. No, this way the work will never get completed.

- II. No, there will be unnecessary use of electricity.
- III. Yes, the commuters will face lot of problems due to repair work during the day.

Select the correct answer:

- a) None is strong
- b) Only I is strong
- c) Only III is strong
- d) Only II and III are strong

ANSWER: C

85. Statements: Should there be complete ban on setting up of thermal power plants in India?

Arguments:

- I. Yes, this is the only way to arrest further addition to environmental pollution.
- II. No, there is a huge shortage of electricity in most parts of the country and hence generation of electricity needs to be augmented.
- III. No, many developed countries continue to set up thermal power plants in their countries.

Select the correct answer

- a) None is strong
- b) Only I is strong
- c) Only II is strong
- d) Only III is strong

ANSWER: C

86. Statement: Should all the management institutes in the country be brought under government control?

Arguments:

- I. No, the government does not have adequate resources to run such institutes effectively.
- II. No, each institute should be given freedom to function on its own.
- III. Yes, this will enable to have standardized education for all the students.
- IV. Yes, only then the quality of education would be improved.

Select the correct answer

- a) None is strong
- b) Only I, II and III are strong
- c) Only I and III are strong
- d) All are strong

ANSWER: A



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EXPLANATION

87. Statement: Should class IV children have Board Examination?

Arguments:

- I. Yes, this will motivate the children to study and get higher marks, and thus more knowledge can be imbibed at a younger age.
- II. No, the children will be forced to study and won't enjoy the process.
- III. Yes, in today's competitive world the children need to be prepared right from the beginning to face such difficult examinations.
- IV. No, this will add pressure on tender aged children and leave very little time for them to play.

Select the correct answer

- a) All are strong
- b) Only I, II and IV are strong
- c) Only II, III and IV are strong
- d) Only I and III are strong

ANSWER: C

88. Read the following information carefully and answer the questions which follow: (e)

Ruling governments in the west are being punished by the voters for ever rising unemployment rates. Their parliament is abuzz with campaigns marked by criticism of India as an outsourcing hub. India is seen by many in the west as a land of call centers and back offices with cheap labor that costs people in the west, their jobs.

Which of the following statements would weaken the argument given in the passage?

- a) Outsourced jobs do not require highly skilled and qualified employees.
- b) Nearly 34% of the unemployed people would secure jobs in the west if outsourced jobs were in sourced by their organizations.
- c) After suffering heavy losses in the elections, the governments in the west are expected to change their decision on outsourcing to India.
- d) Although outsourcing to India allowed many companies in west to focus on their core operations, they heavily compromised the quality and the standards of their back-office jobs.

ANSWER: D

Directions (89-90): In each question below is given a statement followed by three assumptions numbered I, II and III. Consider the statement and decide which of the given assumptions is implicit.

89. Statement: The Central Government has directed the State Governments to reduce government expenditure in view of the serious resource crunch and it may not be able to sanction any additional grant to the states for the next six months.

Assumptions:

- I. The state Government are totally dependent on Central Government for its expenditures.
- II. The Central Government has reviewed the expenditure account of the State Government.
- III. The State Governments will abide by the directive.

Select the correct answer

- a) None is implicit
- b) Only II and III are implicit
- c) Only III is implicit
- d) All are implicit

ANSWER: B

90. Statement: The address of the Principal to the students, "Dear students, if you want a healthy mind, listen to music."

Assumptions:

- I. Normally students like to follow good advice.
- II. It is desirable to develop a healthy mind.
- III. It is the duty of the Principal to advise the students.

Select the correct answer:

- a) Only I and II are implicit
- b) Only II and III are implicit
- c) Only I and III are implicit
- d) None is implicit

ANSWER: A

91. The incomes of A & B are in the ratio 5: 8. If A's income is increased by 44% and B's income is decreased by 16%. Find the ratio of new incomes of A&B?

- a) 14: 15



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- b) 15: 14
- c) 15: 17
- d) 20: 17

ANSWER: B

92. Mr. Suresh got equal marks in History and Sociology. The ratio of marks obtained in Sociology and Geography is 2 : 3 and the ratio of marks obtained in History and Philosophy is 1: 2. If he has scored an aggregate of 55% marks and the maximum marks in each subject is same. Then in how many subjects did he score equal to or greater than 60% marks?

- a) 1
- b) 2
- c) 3
- d) None of these

ANSWER: B

93. A started a business with Rs. 18000. After 4 months B joins with Rs. 24000. After 2 more months C joins with Rs. 30000. At the end of 10 months C received Rs. 1850 as his share. Find the total profit?

(d)

- a) Rs. 7955
- b) Rs. 7030
- c) Rs. 8510
- d) Rs. 6845

ANSWER: D

94. A sum of invested for 3 years at compound interest at 5%, 10% and 20% respectively. In three years, if the sum amounts to Rs. 16,632, then find the sum

- a) Rs. 11000
- b) Rs. 12000
- c) Rs. 13000
- d) Rs. 14000

ANSWER: b

95. A and B together can complete a piece of work in 35 days while A alone can complete the same work in 60 days. In how many days B alone will be able to complete the same work?

- a) 80 days
- b) 84 days
- c) 88 days

- d) 92 days

Answer: b

96. The efficiency of Ronil is twice that of Sanjay and he can finish a work in 4h less than the time taken by Sanjay. If both of them work together they can finish the same work in?

- a) 8h
- b) 3h
- c) 8/3h
- d) 4/3h

ANSWER: c

97. In a partnership business, B's capital was half of A's. if after 8 months, B withdrew half of his capital and 1 after 2 months more A withdrew of his capital, then the profit ratio of A and B after 1 year will be

- a) 5:2
- b) 10:23
- c) 2:5
- d) 23: 10

ANSWER: D

98. A tap can fill the tank in 6 hours. After half the tank is filled, 3 more similar taps are opened. What is the total time taken to fill the tank completely?

- a) 4hrs
- b) 4hrs 15 min
- c) 3hrs 15 min
- d) 3hrs 45 min

Answer: d

99. If we write 45 as sum of four numbers so that when 2 subtracted from second number, third multiplied by 2 and fourth divided by 2, we get the same result, then the four numbers are:

- a) 1,8,14,21
- b) 8,12,5,20
- c) 8,12,10,15
- d) 2,12,5,26

Answer: b

100. The salary of A is 20 % lower than B's salary and the salary of C is 56.25% greater than A's salary.



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By how much percent the salary of B is less than the salary of C

- a) 20%
- b) 25%
- c) $33 \frac{1}{3} \%$
- d) 50%

Answer: b

