

IBM Mock-2

Q1. A clerk multiplied a number by ten when it should have been divided by ten. The ans he got was 100.what should the ans have been?

- (a) 1 (b) 2 (c) 3 (d) 4

Q2.If Rs20/- is available to pay for typing a research report & typist A produces 42 pages and typist B produces 28 pages.How much should typist A receive?

- (a) Rs. 12 (b) Rs. 24 (c) Rs. 36 (d) Rs. 48

Q3.The average salary of 3 workers is 95 Rs. per week. If one earns Rs.115 and second earns Rs.65 how much is the salary of the 3rd worker.

- (a) 90 (b) 105 (c) 120 (d) 210

Q4. What annual installment will discharge a debt of Rs. 4600 due in 4 years at 10% simple interest?

- (a) 1000 (b) 1030 (c) 1100 (d) None of these

Q5. A 16 stored building has 12000 sq.feet on each floor. Company A rents 7 floors and company B rents 4 floors. What is the number of sq.feet of unrented floor space.

- (a) 60000 (b) 120000 (c) 180000 (d) None of those

Q6. During a given week A programer spends $\frac{1}{4}$ of his time preparing flow chart, $\frac{3}{8}$ of his time coding and the rest of the time in debugging the programs. If he works 48 hours during the week , how many hours did he spend debugging the program.

- (a) 9 (b) 15 (c) 18 (d) 35

Q7. A number whose fifth part increased by 5 is equal to its fourth part diminished by 5, is

- (a) 160 (b) 180 (c) 200 (d) 220

Q8. Two numbers are such that the ratio between them is 3 : 5, but if each is increased by 10, the ratio between them becomes 5:7. The numbers are

- (a) 3, 5 (b) 7, 9 (c) 13, 22 (d) 15, 25

Q9. If the compound interest on a certain sum of money for 3 years at 10% per annum be Rs. 993, what would be the simple interest?

- (a) Rs. 880 (b) Rs. 890 (c) Rs. 895 (d) Rs. 900

Q10. A company installed 36 machines at the beginning of the year. In March they installed 9 additional machines and then disconnected 18 in August. How many were still installed at the end of the year.

- (a) 8 (b) 15 (c) 20 (d) 27

Q11. A man owns $\frac{2}{3}$ of the market research beauro business and sells $\frac{3}{4}$ of his shares for Rs. 75000. What is the value of Business.

- (a) 90000 (b) 150000 (c) 185000 (d) None of these

Q12. If 12 file cabinets require 18 feet of wall space, how many feet of wall space will 30 cabinets require?

- (a) 50 (b) 40 (c) 45 (d) 30

Q13. A computer printer produced 176,400 lines in a given day. If the printer was in operation for seven hours during the day, how many lines did it print per minute?

- (a) 420 (b) 434 (c) 450 (d) None of these

Q14. A man rows downstream 30 km and upstream 18 km, taking 5 hours each time. What is the velocity of the stream (current)?

- (a) 1.2 km/hr (b) 1.5 km/hr (c) 2.5 km/hr (d) 1.8 km/hr

Q15. From its total income, A sales company spent Rs.20,000 for advertising, half of the remainder on commissions and had Rs.6000 left. What was its total income?

- (a) 24000 (b) 29000 (c) 30000 (d) 32000

Q16. On Monday a banker processed a batch of cheques, on Tuesday she processed three times as many, and on Wednesday she processed 4000 cheques. In the three days, she processed 16000 cheques. How many did she process on Tuesday?

- (a) 9000 (b) 10000 (c) 15000 (d) 20000

Q17. The cost of four dozen proof machine ribbons and five dozen accounting machine ribbons was Rs.160/-. If one dozen accounting machine ribbons cost Rs.20/-, what is the cost of a dozen proof machine ribbons?

- (a) Rs. 10 (b) Rs. 12 (c) Rs. 15 (d) None of these

Q18. If a clerk can process 80 cheques in half an hour, how many cheques can she process in a seven and one half hour day?

- (a) 1000 (b) 1200 (c) 1500 (d) None of these

Q19. In a library, there are two racks with 40 books per rack. On a given day, 30 books were issued. What fraction remained in the racks?

- (a) $\frac{5}{9}$ (b) $\frac{2}{7}$ (c) $\frac{5}{8}$ (d) $\frac{5}{7}$

Q20. If 20 men can build a wall 112 metres long in 6 days, what length of a similar wall can be built by 25 men in 3 days?

- (a) 65 mtr. (b) 52 mtr. (c) 70 mtr. (d) 78 mtr.

Q21. The average length of three tapes is 6800 feet. None of the tapes is less than 6400 feet. What is the greatest possible length of one of the other tapes?

- (a) 3800 (b) 7600 (c) 8200 (d) None of these

Q22. A company rented a machine for Rs.700/- a month. Five years later the treasurer calculated that if the company had purchased the machine and paid Rs.100/- monthly maintenance charge, the company would have saved Rs.2000/-. What was the purchase price of the machine?

- (a) Rs. 34000 (b) Rs. 42000 (c) Rs. 45000 (d) None of these

Q23. Two computers each produced 48000 public utility bills in a day. One computer printed bills at the rate of 9600 an hour and the other at the rate of 7800 an hour. When the first computer finished its run, how many bills did the other computer still have to print?

- (a) 9000 (b) 10000 (c) 11000 (d) 12000

Q24. If a salesman's average is a new order every other week, he will break the office record of the year. However, after 28 weeks, he is six orders behind schedule. In what proportion of the remaining weeks does he have to obtain a new order to break the record?

- (a) 12 (b) $\frac{1}{4}$ (c) $\frac{3}{4}$ (d) None of these

Q25. On a given day, a bank had 16000 cheques returned by customers. Inspection of the first 800 cheques indicated that 100 of those 800 had errors and were therefore not available immediately for data processing. On this basis, how many cheques would be available immediately for data processing on that day?

- (a) 14000 (b) 15000 (c) 16000 (d) 20000

26. A company figured it needed 37.8 sq. feet of carpet for its reception room. To allow for waste, it decided to order 20% more material than needed. Fractional parts of sq. feet cannot be ordered. At Rs.9/- a sq. feet, how much would the carpet cost?

- (a). Rs.324 (b) Rs.405 (c) Rs.410 (d) Rs.414 (e) Rs.685

Q27. In a race of 600 metres, A can beat B by 60 metres and in a race of 500 metres, B can beat C by 50 metres. By how many metres will A beat C in a race of 400 metres?

- (a) 76 metres (b) 80 metres (c) 70 metres (d) 84 metres

Q28. A man travelled a distance of 80 km in 7 hours partly on foot at the rate of 8 km per hour and partly on bicycle at 16 km per hour. Find the distance travelled on foot.

- (a) 26 km (b) 32 km (c) 30 km (d) 28 km

Q29. A train 125 metre long is running at 50 km/hr. In what time will it pass a man running at 5 km/hr in the same direction in which the train is going?

- (a) 25 sec (b) 10 sec (c) 20 sec (d) 15 sec

Q30. A is twice as fast as B and B is thrice as fast as C is. The journey covered by C in 42 minutes, will be covered by A in

- (a) 11 min (b) 14 min (c) 7 min (d) 17 min

Q31. Complete the series. 250, 235, 205, 160, ?, 25

- (a) 110 (b) 150 (c) 75 (d) 100 (e) 120

Q32. Complete the series 20, ?, 29, 40, 58, 85,

- (a) 23 (b) 25 (c) 27 (d) 31 (d) 24

Q33. What should come in place of question mark (?) in the following number/alphabetic series?

A I L, C L P, E O T, ?

- (a) F R X (b) F R Y (c) G R X (d) G R Y

Q34. S A K, Q B L, O D M ?

- (a) N G M (b) M H J (c) P J H (d) M G N

Directions to solve Question 35 and 36: Each of the questions given below consists of a statement and/or a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statement(s) is/are sufficient to answer the given question.

Read both the statements and Give answer

- (a) if the data in Statement I alone is sufficient to answer the question, while the data in Statement II alone is not sufficient to answer the question.
(b) if the data in Statement II alone is sufficient to answer the question, while the data in Statement I alone is not sufficient to answer the question.
(c) if the data in each Statement I and Statement II alone is sufficient to answer the question.
(d) if the data even in both Statements I and II together are not sufficient to answer the question.
(e) if the data in both Statements I and II together are necessary to answer the question.

Q35. What is the probability that $x^3 - 8 = 0$ when x is selected from a set of 8 integers?

I. The smallest number in the set is -11

II. The arithmetic mean of the set is $1/8$.

- (a) A (b) B (c) C (d) D

Q36. How many children are there in a row?

Statement I. A is tenth from the left in the row.

Statement II. B is exactly in the middle and there are fifteen children towards his right.

- (a) A (b) B (c) C (d) D

Q37. Consider the following phrase:

Statement: Some S are L

Some C are P

Some P are R

Conclusions:

I. Some P are L

II. Some C are R

Choose the correct option given below:

- (a) only conclusion I is true.
(b) only conclusion II is true.
(c) either conclusion I or conclusion II is true
(d) neither conclusion I nor conclusion II is true
(e) both conclusions I and II are true.

Q38. Consider the following phrase:

Statement: Cactus plants grow in deserts and requires little water

Assumptions:

I. All plants that grow in desert require little water

II. Cactus plants might not grow in place with more water

Choose the correct option given below.

- (a) If only assumption I is implicit
(b) If only assumption II is implicit.
(c) If either I or II is implicit.
(d) If neither I nor II is implicit.
(e) If both I and II are implicit.

Q39. Consider the following phrase:

Statement: All L are W.

Some P are W

All P are B

Conclusions:

I. Some B are W

II. Some W are L

Choose the correct option given below:

- (a) only conclusion I is true.
- (b) only conclusion II is true.
- (c) either conclusion I or conclusion II is true
- (d) neither conclusion I nor conclusion II is true
- (e) both conclusions I and II are true.

Q40. Consider the following phrase:

Statement: Mutual funds are subject to market risk

Assumptions:

- I. One must not invest in Mutual Funds
- II. One must consult a financial advisor before investing in this

Choose the correct option given below.

- (a) If only assumption I is implicit
- (b) If only assumption II is implicit.
- (c) If either I or II is implicit.
- (d) If neither I nor II is implicit.
- (e) If both I and II are implicit.

Answer key

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

