

Google mock test-1

- Q1. A sum was put at simple interest at a certain rate for 2 years. Had it been put at 3% higher rate, it would have fetched Rs 300 more. The sum is:
- (a) 5300 (b) 5500 (c) 5000 (d) None of these
- Q2. The difference between the simple interest received from two different sources on Rs 3 lakhs for 2 years is rs 1,500. The difference between their rates of interest is:
- (a) 0.20% (b) 0.3% (c) 0.25% (d) 0.4%
- Q3. A square tin sheet of side 12 cm is converted into a box with open top in the following steps: The sheet is placed horizontally. Then, equal-sized squares, each of side x cm, are cut from the four corners of the sheet. Finally, the four resulting sides are bent vertically upwards in the shape of a box. If x is an integer, then what value of x maximizes the volume of the box?
- (a) 1 (b) 4 (c) 3 (d) 2
- Q4. A spherical ball of lead, 3 cm in diameter is melted and recast into three spherical balls. The diameter of two of these is 1.5 cm and 2 cm respectively. The diameter of the third ball is
- (a) 3 cm (b) 2.66 cm (c) 2.5 cm (d) 5 cm
- Q5. Three persons undertake to complete a piece of work for Rs.1200. The first person can complete the work in 8 days, second person in 12 days and third person in 16 days. They complete the work with the help of a fourth person in 3 days. What does the fourth person get?
- (a) Rs. 250 (b) Rs. 225 (c) Rs. 200 (d) Rs. 180
- Q6. A and B invest Rs 3 lakhs and Rs 4 lakhs in a business. A receives Rs 1,000 per month out of the profit as a remuneration for running the business and the rest of profit is divided in proportion to the investments. If in a year 'A' totally receives X 39,000, what does B receive?
- (a) 63,000 (b) 46,000 (c) 36,000 (d) 26,000
- Q7. In a partnership, A invests $\frac{1}{6}$ of the capital for $\frac{1}{6}$ of the time, B invests $\frac{1}{3}$ of the capital for $\frac{1}{3}$ of the time and C, the rest of the capital for whole time. Find A's share of the total profit of Rs 2,300.
- (a) 110 (b) 10 (c) 100 (d) 101
- Q8. Anupam said to a lady sitting in a car, "The only daughter of the brother of my wife is the sister-in-law of the brother of your sister." How the husband of the lady is related to Anupam?
- (a) Maternal uncle (b) Uncle (c) Father (d) Son-in-law

Q9. A, B and C enter into a partnership by investing in the ratio of 3 : 2 : 4. After one year, B invests another Rs 2,70,000 and C, at the end of 2 years invests Rs 2,70,000. At the end of three years, profits are shared in the ratio of 3 : 4 : 5. Find the initial investment of A, B and C.

- (a) Rs 2,70,000; Rs 80,000 and Rs 3,60,000 (b) Rs 1,70,000; Rs 1,80,000 and Rs 3,60,000
(c) Rs 2,70,000; Rs 1,80,000 and Rs 3,60,000 (d) Rs 2,70,000; Rs 1,80,000 and Rs 3,00,000

Directions for questions (10-14): In an Exhibition seven cars of different companies - Cadillac, Ambassador, Fiat, Maruti, Mercedes, Bedford and Fargo are standing facing to east in the following order :

1. Cadillac is next to right of Fargo.
2. Fargo is fourth to the right of Fiat.
3. Maruti car is between Ambassador and Bedford.
4. Fiat which is third to the left of Ambassador, is at one end.

Q10. Which of the cars are on both the sides of cadillac car?

- (a) Ambassador and Maruti (b) Maruti and Fiat
(c) Fargo and Mercedes (d) Ambassador and Fargo

Q11. Which of the following statement is correct ?

- (a) Maruti is next left of Ambassador. (b) Bedford is next left of Fiat.
(c) Bedford is at one end. (d) Fiat is next second to the right of Maruti.

Q12. Which one of the following statements is correct ?

- (a) Fargo car is in between Ambassador and Fiat. (b) Cadillac is next left to Mercedes car.
(c) Fargo is next right of Cadillac. (d) Maruti is fourth right of Mercedes.

Q13. Which of the following groups of cars is to the right of Ambassador ?

- (a) Cadillac, Fargo and Maruti (b) Mercedes, Cadillac and Fargo
(c) Maruti, Bedford and Fiat (d) Bedford, Cadillac and Fargo

Q14. Which one of the following is the correct position of Mercedes ?

- (a) Next to the left of Cadillac (b) Next to the left of Bedford
(c) Between Bedford and Fargo (d) Fourth to the right of Maruti.

Q15. A and B run a kilometre and A wins by 25 seconds . A and C run a kilometre and A wins by 275 m. When B and C run the same distance, B wins by 30 seconds. The time taken by A to run a kilometre is

- (a) 3 minutes 30 seconds (b) 3 minutes 20 seconds
(c) 2 minutes 50 seconds (d) 2 minutes 25 seconds

Q16. Two vessels contain mixtures of milk and water in the ratio of 8 : 1 and 1 : 5 respectively. The contents of both of these are mixed in a specific ratio into a third vessel. How much mixture must be drawn from the second vessel to fill the third vessel (capacity 26 gallons) completely in order that the resulting mixture may be half milk and half water?

- (a) 10 gallons (b) 12 gallons (c) 14 gallons (d) 13 gallons

Q17. **Statements:** All green are blue. All blue are white.

Conclusions:

1. Some blue are green.
2. Some white are green.
3. Some green are not white.
4. All white are blue.

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

Directions for questions (18-22): Study the information carefully and answer the questions given below:

Six vaccine boxes are placed one above the other i.e AstraZeneca, Pfizer, Sputnik, Moderna, Covishield, Covaxin, but not necessarily in the same order.

At most two boxes are placed above the Covishield. Two boxes are placed between Covishield and Covaxin. The box of Pfizer vaccine is placed below the Covaxin vaccine box. The box of Sputnik vaccine is placed three places above the Moderna vaccine box. No box is placed between Covishield and AstraZeneca. AstraZeneca vaccine box is placed below the Sputnik vaccine box.

Q18. Which of the following vaccine box is placed just above AstraZeneca?

- (a) Sputnik (b) Moderna (c) Pfizer (d) Covishield (e) None of these

Q19. How many boxes are placed between Sputnik and Covishield?

- (a) One (b) None (c) Three (d) Two (e) None of these

Q20. If Moderna and Pfizer boxes are interchanged then, which of the following box is placed just above of Pfizer box?

- (a) Sputnik (b) Moderna (c) AstraZeneca (d) Covishield (e) Covaxin

Q21. Three boxes are placed between ___ and ___?

- (a) Covishield, Pfizer (b) Sputnik, Covaxin (c) Moderna, Covaxin
(d) Both (a) and (b) (e) All I, II and III

Q22. Which of the following box is placed just below the Covishield box?

- (a) Sputnik (b) Covaxin (c) AstraZeneca (d) Moderna (e) None of these

Q23. If A \$ B means A is the brother of B; B * C means B is the son of C; C @ D means C is the wife of D and A # D means A is the son of D, how C is related to A?

- (a) Maternal grandmother (b) Maternal aunt (c) Aunt (d) Mother

Q24. A train leaves Delhi at 10 a.m. and reaches Jaipur at 4 p.m. on same day. Another train leaves Jaipur at 12 p.m. and reaches Delhi at 5 p.m. on same day. What is the time of day (approximately) when the two trains will meet?

- (a) 1 : 27 p.m. (b) 1 : 49 p.m. (c) 1 : 42 p.m. (d) 2 : 04 p.m.

Q25. **Statements:** No wire is pin.

Some pins are mugs.

Conclusions: I. All mugs being wires is a possibility.

II. Some mugs are not wires.

- (a) Only I follow (b) Only II follows (c) If either I or II follows
(d) If neither I nor II follows (e) If both I and II follow

Q26. P and Q are 27 km away. Two trains with speeds of 24 km/ hr and 18 km/hr respectively start simultaneously from P and Q and travel in the same direction. They meet at a point R beyond Q. The distance QR is

- (a) 36 km (b) 48 km (c) 81 km (d) 126 km

Q27. If in a code language, COULD is written as BNTKC and MARGIN is written as LZQFHM, how will MOULDING be written in that code?

- (a) CHMFINTK (b) LNKCHMF (c) LNTKCHMF (d) NITKHCMF (e) None of these

Q28. Tickets for all but 100 seats in a 10,000 seat stadium were sold. Of the tickets sold, 20% were sold at half price and the remaining tickets were sold at the full price of Rs. 20. The total revenue from the ticket sales, in (Rupees) was

- (a) 1,98,000 (b) 1,80,000 (c) 1,78,200 (d) 1,58,400

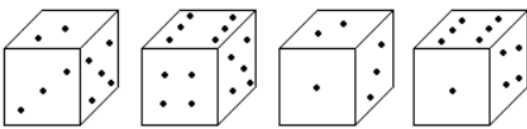
Q29. A swimming pool has 3 drain pipes. The first two pipes A and B operating simultaneously, can empty the pool in half the time that C, the 3rd pipe, alone takes to empty it. Pipe A working alone takes half the time taken by pipe B. Together they take 6 hours 40 minutes to empty the pool. Time taken by pipe A to empty the pool (in hours) is:

- (a) 7 (b) 10 (c) 15 (d) 30

Q30. The seventh term of the sequence 1, 3, 6, 10, ... is

- (a) 32 (b) 28 (c) 26 (d) 20

Q31. How many points will be on the face opposite to in face which contains 2 points?



- (a) 1 (b) 4 (c) 5 (d) 6

Q32. The next term of the sequence 2, 3, 6, 7, 14 ... is

- (a) 20 (b) 18 (c) 17 (d) 15

Q33. The greatest number of four digits which when divided by 3, 5, 7, 9 leave remainders 1, 3, 5, 7 respectively is

- (a) 9766 (b) 9764 (c) 9765 (d) 9763

Directions (34-38): Study the following information carefully and answer the questions given below:

In a certain code language:

'Hospitals provide proper facilities' is coded as 'yu ki fs bv'

'Proper study guidance important' is coded as 'bv at zx pe'

'Hospitals facilities not important' is coded as 'zx yu fs gf'

'facilities guidance where needed' is coded as 'fs at hw dn'

Q34. What is the code of "hospital" as per the given code language?

- (a) yu (b) ki (c) Either(a)or(b) (d) hw (e) None of these

Q35. What is the code of "important" as per the given code language?

- (a) at (b) zx (c) gf (d) pe (e) None of these

Q36. What is the code of "guidance needed" as per the given code language?

- (a) at pe (b) at dn (c) hw at (d) Either (a) or (b) (e) Either (b) or (c)

Q37. Which of the following word is coded as 'bv' per the given code language?

- (a) provide (b) study (c) proper (d) not (e) None of these

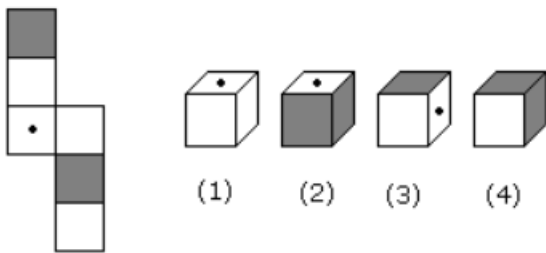
Q38. What may the possible code for 'provide help' as per the given code language?

- (a) ki bv (b) bv zx (c) zx hp (d) ki hp (e) ki yu

Q39. If A + B means A is the brother of B; A x B means A is the son of B; and A % B means B is the daughter of A then which of the following means M is the maternal uncle of N?

- (a) M + O x N (b) M % O x N + P (c) M + O % N (d) None of these

Q40. The figure given on the left hand side in the following questions is folded to form a box. Choose from the alternatives (1), (2), (3) and (4) the boxes that is similar to the box formed.



- (a) 2 and 3 only (b) 1, 3 and 4 only (c) 2 and 4 only (d) 1 and 4 only

Answer key

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