📘 Series and Sequences – 30 QUESTIONS

Q1. Find the missing number in the series: 512, 128, 32, 8, 2, ___
Options: a)1 b)0.5 c)4 d)0.25 e)None of these

Q2. Find the next term in the series: 7, 10, 16, 25, 37, ___
Options: a)52 b)53 c)54 d)55 e)57

Q3. Find the missing number: 3, 6, 15, 45, 180, ___
Options: a)540 b)720 c)900 d)1080 e)360

Q4. Find the next term in the alphabetical series: BDF, CFI, DHL, EKO, ___
Options: a)FNR b)FNP c)GNR d)GNP e)None of these

Q5. Find the missing group: MQS, NRT, OSU, PTV, ___
Options: a)QUX b)QUW c)RVX d)RUW e)QVW

Q6. Find the wrong number in the series: 5, 10, 21, 43, 87, 174
Options: a)10 b)21 c)43 d)87 e)174

Q7. Find the wrong number: 4, 9, 20, 41, 84, 170
Options: a)9 b)20 c)41 d)84 e)170

Q8. Find the next term: ACE, BDF, CEG, DFH, ___
Options: a)EGI b)EFJ c)EGH d)FGI e)FHK

Q9. Find the missing number: 18, 9, 12, 6, 8, ___
Options: a)4 b)5 c)6 d)7 e)3

Q10. Find the missing term: K20, M18, O16, Q14, ___
Options: a)S10 b)S12 c)T12 d)U10 e)None of these

Q11. Find the next term in series: AZ, CX, EV, GT, ___
Options: a)IR b)HR c)IS d)JS e)None

Q12. Find the missing number: 2, 5, 11, 23, 47, ___
Options: a)92 b)94 c)95 d)96 e)None

Q13. Find the missing letters: QRM, TUP, WXS, ___
Options: a)ZAV b)ZBV c)ZAX d)YBV e)None

Q14. Each term is multiplied by 2 and added by the next odd number: 4, 11, 24, 51, ___
Options: a)106 b)108 c)110 d)112 e)120

Q15. Find the next logical term: F3, I6, L9, O12, ___
Options: a)R14 b)R15 c)Q14 d)P15 e)S16

Q16. Find the missing number: 9, 18, 15, 30, 27, 54, ___
Options: a)42 b)45 c)48 d)52 e)60

Q17. Find the next term in the series: AB2, CD4, EF6, GH8, ___
Options: a)IJ10 b)IJ12 c)KL10 d)KL12 e)None

Q18. Find the missing number: 1, 4, 9, 16, 25, ___
Options: a)30 b)35 c)36 d)38 e)40

Q19. Find the wrong number in the series: 2, 6, 18, 54, 162, 480
Options: a)6 b)18 c)162 d)480 e)None

Q20. Find the next term: ZY2, WX4, UV6, ST8, ___
Options: a)QR10 b)RS10 c)QR12 d)QP10 e)None

Q21. Find the missing letters: BZ, CY, DX, EW, ___
Options: a)FV b)FU c)GU d)GV e)HX

Q22. Find the missing number: 14, 28, 20, 40, 32, 64, ___
Options: a)56 b)60 c)68 d)72 e)80

Q23. Find the next term: J15, L14, N13, P12, ___
Options: a)Q11 b)R10 c)S11 d)T10 e)None

Q24. Find the missing number: 5, 12, 24, 45, 78, ___
Options: a)120 b)122 c)126 d)128 e)132

Q25. Find the wrong term: 3, 7, 15, 31, 63, 126
Options: a)7 b)15 c)31 d)63 e)126

Q26. Find the next term: A1B, C3D, E5F, G7H, ___
Options: a)I9J b)I10J c)J9K d)K11L e)None

Q27. Find the missing number: 30, 20, 25, 15, 20, ___
Options: a)5 b)10 c)15 d)18 e)25

Q28. Find the next term: P4, R9, T16, V25, ___
Options: a)X36 b)W36 c)Y49 d)Z64 e)None

Q29. Find the missing letters: KMO, LNQ, MPU, NRS, ___
Options: a)OPT b)OST c)ORU d)PQT e)PSV

Q30. Find the next logical sequence: 4A, 7C, 10E, 13G, ___
Options: a)16I b)17I c)16J d)17J e)None

🟦 CLOCK & CALENDAR – 30 COMBINED QUESTIONS

Q1. What is the angle between the hour hand and minute hand when the time is 7:20?
Options: a)100° b)110° c)120° d)130°

Q2. At what time between 4 and 5 o'clock will the hands of a clock be opposite to each other?
Options: a)4:32 8/11 b)4:34 6/11 c)4:36 5/11 d)4:38 2/11

Q3. If the time is 3:45, what is the angle between the two hands of the clock?
Options: a)22.5° b)15° c)7.5° d)30°

Q4. How many degrees does the minute hand rotate in 18 minutes?
Options: a)108° b)120° c)180° d)216°

Q5. At what time between 6 and 7 o'clock will the minute hand be 180° ahead of the hour hand?
Options: a)6:27 3/11 b)6:29 4/11 c)6:30 5/11 d)6:32 6/11

Q6. A clock shows 8 a.m. What angle will the hour hand rotate by the time it shows 1 p.m.?
Options: a)120° b)140° c)150° d)180°

Q7. At what time between 9 and 10 o'clock do the hour and minute hands form a 90° angle?
Options: a)9:16 4/11 b)9:18 2/11 c)9:20 1/11 d)9:22 10/11

Q8. If the minute hand is at 12 and the hour hand is at 2, what is the angle between the two hands?
Options: a)60° b)120° c)180° d)90°

Q9. A clock loses 5 minutes every hour. If it shows 12 p.m. now, what time will it show after 6 real hours?
Options: a)5:30 b)5:40 c)5:50 d)6:00

Q10. What is the reflex angle between the hands when the time is 10:30?
Options: a)225° b)240° c)255° d)270°

Q11. At what time between 2 and 3 o'clock will the hands overlap?
Options: a)2:05 5/11 b)2:06 4/11 c)2:07 3/11 d)2:08 2/11

Q12. What is the angle between the clock hands at 11:20?
Options: a)80° b)90° c)95° d)100°

Q13. How many degrees does the hour hand rotate in 50 minutes?
Options: a)20° b)25° c)30° d)35°

Q14. At what time between 1 and 2 o'clock will the hands be in a straight line but opposite directions?
Options: a)1:38 5/11 b)1:39 4/11 c)1:40 3/11 d)1:41 2/11

Q15. If the minute hand moves 220°, how many minutes have passed?
Options: a)36.6 b)40 c)44 d)60

Q16. If 15th August 2010 was Sunday, what day was 15th August 2011?
Options: a)Monday b)Tuesday c)Wednesday d)Thursday

Q17. What day was January 1, 1999, if January 1, 2000 was Saturday?
Options: a)Thursday b)Friday c)Wednesday d)Sunday

Q18. How many odd days are there in 300 years?
Options: a)0 b)1 c)2 d)3

Q19. If today is Tuesday, what day will it be after 100 days?
Options: a)Thursday b)Friday c)Saturday d)Sunday

Q20. 1st March 2024 is Friday. What day will be 1st March 2025?
Options: a)Saturday b)Sunday c)Monday d)Tuesday

Q21. What day was 10th October 2004 if 10th October 2005 was Monday?
Options: a)Friday b)Saturday c)Sunday d)Monday

Q22. Which of the following years is NOT a leap year?
Options: a)1800 b)2004 c)2012 d)2400

Q23. If 29 February 2016 was Monday, what day was 1 March 2016?
Options: a)Tuesday b)Wednesday c)Sunday d)Friday

Q24. A person was born on Monday. His 30th birthday will fall on which day?
Options: a)Wednesday b)Thursday c)Friday d)Saturday

Q25. What day was 1st January 2017 if 1st January 2016 was Friday?
Options: a)Saturday b)Sunday c)Monday d)Tuesday

Q26. If 5th July 2021 was Monday, what day will be 5th July 2025?
Options: a)Friday b)Saturday c)Sunday d)Monday

Q27. How many days are there between 12th March and 25th April?
Options: a)43 b)44 c)45 d)46

Q28. If today is Sunday, what day was it 50 days ago?
Options: a)Thursday b)Friday c)Saturday d)Wednesday

Q29. If 1 Jan 2022 is Saturday, what day is 1 Jan 2023?
Options: a)Sunday b)Monday c)Tuesday d)Wednesday

Q30. What day of the week was 31 December 1999?
Options: a)Thursday b)Friday c)Saturday d)Sunday

📘 BLOOD RELATIONS – 20 QUESTIONS

Q1. Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother."
How is Suresh related to that boy?
Options: a)Brother b)Uncle c)Cousin d)Father

Q2. If A + B means A is the mother of B; A - B means A is the brother of B; A % B means A is the father of B and A × B means A is the sister of B, which of the following shows that P is the maternal uncle of Q?
Options: a)Q - N + M × P b)P + S × N - Q c)P - M + N × Q d)Q - S % P

Q3. If A is the brother of B; B is the sister of C; and C is the father of D, how is D related to A?
Options: a)Brother b)Sister c)Nephew d)Cannot be determined

Q4. If A + B means A is the brother of B; A - B means A is the sister of B; A × B means A is the father of B. Which of the following means C is the son of M?
Options: a)M - N × C + F b)F - C + N × M c)N + M - F × C d)M × N - C + F

Q5. Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?
Options: a)Brother b)Nephew c)Uncle d)Son-in-law

Q6. Pointing to a photograph Lata says, "He is the son of the only son of my grandfather." How is the man related to Lata?
Options: a)Brother b)Uncle c)Cousin d)Data inadequate

Q7. If A + B means A is the brother of B; A × B means A is the son of B; A % B means B is the daughter of A, which of the following shows M is the maternal uncle of N?
Options: a)M + O × N b)M % O × N + P c)M + O % N d)None of these

Q8. If D is the brother of B, how is B related to C? Which statement(s) is necessary?

1. The son of D is the grandson of C.

2. B is the sister of D.
   Options: a)Only 1 b)Only 2 c)Either 1 or 2 d)Both 1 and 2

Q9. If A + B means A is the father of B; A - B means A is the brother of B; A % B means A is the wife of B; and A × B means A is the mother of B, which shows M is the maternal grandmother of T?
Options: a)M × N % S + T b)M × N - S % T c)M × S - N % T d)M × N × S % T

Q10. Pointing to a photograph Bajpai said, "He is the son of the only daughter of the father of my brother." How is Bajpai related to the man?
Options: a)Nephew b)Brother c)Father d)Maternal Uncle

Q11. Deepak said to Nitin, "That boy playing football is the younger of the two brothers of the daughter of my father's wife." How is the boy related to Deepak?
Options: a)Son b)Brother c)Cousin d)Brother-in-law

Q12. Pointing at a photograph X said to Y, "She is the only daughter of the father of my mother." How is X related to the woman?
Options: a)Daughter b)Son c)Nephew d)Cannot be decided

Q13. Veena, sister-in-law of Ashok, is the daughter-in-law of Kalyani. Dheeraj is father of Sudeep who is the only brother of Ashok. How is Kalyani related to Ashok?
Options: a)Mother-in-law b)Aunt c)Wife d)None

Q14. If A + B means A is the sister of B; A × B means A is the wife of B; A % B means A is the father of B; A - B means A is the brother of B, which shows T is the daughter of P?
Options: a)P × Q % R + S - T b)P × Q % R - T + S c)P × Q % R + T - S d)P × Q % R + S + T

Q15. Pointing to a woman Abhijit said, "Her granddaughter is the only daughter of my brother." How is the woman related to Abhijit?
Options: a)Sister b)Grandmother c)Mother-in-law d)Mother

Q16. Amit said, "This girl is the wife of the grandson of my mother." How is Amit related to the girl?
Options: a)Brother b)Grandfather c)Husband d)Father-in-law

Q17. A and B are children of D. Who is father of A? Which statement(s) is necessary?

1. C is the brother of A and son of E.

2. F is the mother of B.
   Options: a)Only 1 b)Only 2 c)Either 1 or 2 d)Both

Q18. Pointing to a man, a woman said, "His mother is the only daughter of my mother." How is the woman related to the man?
Options: a)Mother b)Grandmother c)Sister d)Daughter

Q19. If P $ Q means P is the brother of Q; P # Q means P is the mother of Q; P * Q means P is the daughter of Q. In A # B $ C * D, who is the father?
Options: a)D b)B c)C d)Data inadequate

Q20. Introducing Sonia, Aamir says, "She is the wife of only nephew of only brother of my mother."
How is Sonia related to Aamir?
Options: a)Wife b)Sister c)Sister-in-law d)Data inadequate

🟦 CODING–DECODING (30 QUESTIONS)

Q1. If EARTH is written as FCUXM in a certain code, how is MOON written in that code?
Options: a)NPPQ b)NPPO c)NQQP d)OPPQ

Q2. If DELHI is written as EDMGJ, how is NEPAL written in that code?
Options: a)OFQCM b)MFPBM c)OEQBM d)OFPCM

Q3. If SYMBOL is coded as NZTMPC, how is NUMBER written in that code?
Options: a)OVNCFS b)OVNCES c)PVODFS d)MVMBDS

Q4. If COMPUTER is coded as PMOCRETU, how is DECIPHER written in that code?
Options: a)CIDHEPRE b)CEDHIPRE c)ECPIDHER d)DCEIPRHE

Q5. If NEWYORK is written as 111, how is NEWJERSEY written?
Options: a)124 b)122 c)130 d)118

Q6. In a certain code, HARYANA is written as 8197151. How is DELHI written?
Options: a)45389 b)56398 c)45399 d)45288

Q7. If BOMB = 5745 and BAY = 529, how is BOMBAY written?
Options: a)574529 b)575429 c)574925 d)575429

Q8. If COMPUTER is coded as 3 15 13 16 21 20 5 18, how is RECIPE coded?
Options: a)18 5 3 9 16 5 b)17 6 4 8 14 5 c)18 4 3 9 14 5 d)19 4 5 7 13 4

Q9. HELLO → 8 5 12 12 15 and WORLD → 23 15 18 12 4. What is GREAT?
Options: a)7 18 5 1 20 b)6 17 4 1 21 c)7 17 5 2 19 d)7 18 4 1 22

Q10. APPLE → 1 16 16 12 5. BANANA → 2 1 14 1 14 1. What is GRAPE?
Options: a)7 18 1 16 5 b)7 17 1 15 5 c)6 18 2 16 5 d)8 17 1 16 6

Q11. If CAT is coded as FDW, how is DOG coded?
Options: a)GRJ b)FPH c)GQJ d)HRK

Q12. If TRAIN is written as UTDKO, how is PLANE written?
Options: a)QMBOD b)QMBOD c)QMBOF d)QLBOF

Q13. If MOBILE is written as NQCNGO, how is CAMERA written?
Options: a)DBOFSB b)DBNFSC c)DBOFSC d)DCOFTB

Q14. If PEN = 32 and BOOK = 41, then PAGE = ?
Options: a)35 b)34 c)33 d)37

Q15. In a certain code, SUGAR is written as 182117. How is SWEET written?
Options: a)19255420 b)19255425 c)19254420 d)18765420

Q16. If ROSE = 72 and LILY = 58, then LOTUS = ?
Options: a)89 b)92 c)86 d)94

Q17. If TEA is coded as 47 and COFFEE is coded as 66, what is coded value of JUICE?
Options: a)55 b)52 c)54 d)51

Q18. If SHIRT is coded as TIHSR, how is PANTS coded?
Options: a)STNAP b)STPAN c)TSNAP d)TSAPN

Q19. If FLOWER → F12R, how is GARDEN coded?
Options: a)G14N b)G15N c)G18N d)G16N

Q20. If CRICKET is written as ETKRICC, how is PLAYER written?
Options: a)REYALP b)ERYALP c)ERYAPL d)RPAYLE

Q21. If LIGHT = MJHIU, how is BRIGHT coded?
Options: a)CSJHIU b)CSJHIU c)CRJHIU d)CSKHIV

Q22. If SUM = 54 and WIN = 64, then FUN = ?
Options: a)45 b)47 c)43 d)41

Q23. If DOCTOR is written as DROCTO, how is MASTER written?
Options: a)MSAERT b)MSATRE c)MASTRE d)MSEART

Q24. If WATER is written as 23-1-20-5-18, what is RIVER?
Options: a)18-9-22-5-18 b)17-9-22-5-18 c)18-9-21-5-18 d)18-10-22-5-17

Q25. If HOME → IPNF, how is FAMILY coded?
Options: a)GBNZJM b)GBNJZM c)GBMZJM d)GCMZIN

Q26. If TABLE is coded as VCDNG, how is CHAIR coded?
Options: a)EJCKT b)EJCJT c)DJCKT d)EJDKT

Q27. If SUNDAY = TVOEBZ, how is MONDAY written?
Options: a)NPOEBZ b)NPOECA c)NQOEBZ d)NPOFCZ

Q28. If INDIA is coded as 9-14-4-9-1, what is coded form of FRANCE?
Options: a)6-18-1-14-3-5 b)6-19-1-14-3-5 c)5-18-1-14-3-6 d)6-18-2-14-3-5

Q29. If NOTE is written as OQUG, how is WORD coded?
Options: a)XPSF b)XQSE c)XPSG d)YQSH

Q30. If HEAD → GFCB, how is TAIL coded?
Options: a)SZHK b)SZGK c)TBHK d)RZHK

✅ COMBINED SET (Direction Sense + Statement–Conclusion = 30 Questions)

Directions to Solve:
Statement(s) followed by Conclusions I & II. Assume statement true. Select correct option:

(A) Only conclusion I follows
(B) Only conclusion II follows
(C) Either I or II follows
(D) Neither I nor II follows
(E) Both I and II follow

Q1.

Statement: A person starts from point A walking East for 5 km, then turns South and walks 3 km, then turns West and walks 5 km. He ends at point B.
Conclusions:
I. B lies directly South of A.
II. The net displacement is 3 km.
a) A   b) B   c) C   d) D   e) E

Q2.

Statement: One morning after sunrise, the shadow of a tree fell to the West. A man standing facing the tree sees the shadow on his left.
Conclusions:
I. The man is facing North.
II. The sun is in the East.
a) A   b) B   c) C   d) D   e) E

Q3.

Statement: Rohan walks 10 m North, then 6 m East, then 10 m South. He reaches point P.
Conclusions:
I. P lies 6 m East of starting point.
II. Total distance covered is 26 m.
a) A   b) B   c) C   d) D   e) E

Q4.

Statement: Traffic rules awareness campaigns have increased, yet accidents remain high.
Conclusions:
I. Awareness alone cannot reduce accidents.
II. Accidents happen only due to human negligence.
a) A   b) B   c) C   d) D   e) E

Q5.

Statement: Due to heavy rainfall, the city roads were flooded, causing major traffic jams.
Conclusions:
I. The city's drainage system is poor.
II. Traffic jams occur only during rainy season.
a) A   b) B   c) C   d) D   e) E

Q6.

Statement: A man travels 8 km West, turns North for 6 km, then East 8 km.
Conclusions:
I. He ends 6 km North from starting point.
II. His final position lies exactly above his initial point.
a) A   b) B   c) C   d) D   e) E

Q7.

Statement: A report shows children watch TV more than reading books, reducing reading habits drastically.

Conclusions:
I. Reading habits among children are declining.
II. TV should be banned for children.
a) A   b) B   c) C   d) D   e) E

Q8.

Statement: Ravi faces North. He turns right, walks 4 m, turns right again, walks 4 m, and stops.
Conclusions:
I. He ends up facing South at his final position.
II. He returns to his original East-West line.
a) A   b) B   c) C   d) D   e) E

Q9.

Statement: Many countries have banned single-use plastics to reduce pollution.
Conclusions:
I. Plastic pollution is a global problem.
II. Banning plastics alone will completely remove pollution.
a) A   b) B   c) C   d) D   e) E

Q10.

Statement: Suresh starts walking South, takes a left turn, then another left, and finally walks North.
He reaches his starting line.
Conclusions:
I. He moved in a rectangular path.
II. His final position is West of starting point.
a) A   b) B   c) C   d) D   e) E

Q11.

Statement: Overuse of smartphones has reduced face-to-face communication among teenagers.
Conclusions:
I. Smartphone addiction affects social behavior.
II. Teenagers should not use smartphones at all.
a) A   b) B   c) C   d) D   e) E

Q12.

Statement: A bus moves 15 km East, 10 km North, 15 km West.
Conclusions:
I. It is 10 km North of starting point.
II. Net displacement is 10 km.
a) A   b) B   c) C   d) D   e) E

Q13.

Statement: Increasing online transactions has reduced the need for physical bank visits.
Conclusions:
I. Digital banking is becoming more popular.
II. Banks will soon shut down all physical branches.
a) A   b) B   c) C   d) D   e) E

Q14.

Statement: More people are shifting to electric vehicles due to rising petrol prices.
Conclusions:
I. Petrol vehicles are expensive to maintain.
II. Electric vehicles' popularity is influenced by petrol price.
a) A   b) B   c) C   d) D   e) E

Q15.

Statement: A person starts from home, walks South 12 m, then East 5 m.
Conclusions:
I. He is Southeast of his home.
II. His displacement is more than 13 m.
a) A   b) B   c) C   d) D   e) E

Q16.

Statement: Due to global warming, average sea levels have risen significantly in the past decade.
Conclusions:
I. Global warming is causing major climate issues.
II. Sea levels rise only because of melting glaciers.
a) A   b) B   c) C   d) D   e) E

Q17.

Statement: A cyclist travels North 20 m, East 15 m, South 20 m.
Conclusions:
I. His final position is 15 m East of start.
II. His net displacement is 20 m.
a) A   b) B   c) C   d) D   e) E

Q18.

Statement: A survey found that students who play sports score higher in academics.
Conclusions:
I. Sports improve concentration.
II. Only sports students can score high in academics.
a) A   b) B   c) C   d) D   e) E

Q19.

Statement: Heavy traffic is observed daily on the central highway despite increasing its width.
Conclusions:
I. Vehicle count is increasing faster than road expansion.
II. Widening roads solves traffic completely.
a) A   b) B   c) C   d) D   e) E

Q20.

Statement: A person walks 8 m North, 6 m West, 8 m South.
Conclusions:
I. Final position is 6 m West of start.

II. Total displacement is 6 m.
a) A   b) B   c) C   d) D   e) E

Q21.

Statement: Schools have started skill-based learning due to demand from industries.
Conclusions:
I. Industry needs have changed over time.
II. Traditional education has become useless.
a) A   b) B   c) C   d) D   e) E

Q22.

Statement: Research shows long screen time affects eyesight of children.
Conclusions:
I. Children should reduce screen usage.
II. All eyesight problems occur due to screens.
a) A   b) B   c) C   d) D   e) E

Q23.

Statement: The government announced free Wi-Fi zones in rural areas to improve connectivity.
Conclusions:
I. Rural connectivity needs improvement.
II. Free Wi-Fi will fully solve all rural problems.
a) A   b) B   c) C   d) D   e) E

Q24.

Statement: Students prefer online notes over textbooks.
Conclusions:
I. Digital notes are more convenient.
II. Textbooks will become outdated soon.
a) A   b) B   c) C   d) D   e) E

Q25.

Statement: A man walks East 9 m, North 12 m, West 9 m.
Conclusions:
I. He ends up 12 m North.
II. His path formed a perfect rectangle.
a) A   b) B   c) C   d) D   e) E

Q26.

Statement: Employment opportunities have increased due to growth in the IT sector.
Conclusions:
I. IT companies are hiring more people.
II. Only IT jobs exist in the market now.
a) A   b) B   c) C   d) D   e) E

Q27.

Statement: People are using public transport more to avoid fuel expenses.
Conclusions:
I. Rising fuel prices influence travel choices.
II. Public transport is cheaper.
a) A   b) B   c) C   d) D   e) E

Q28.

Statement: A car moves South 30 m, East 40 m, North 30 m.
Conclusions:
I. Final position is 40 m East of start.
II. Net displacement is 50 m.
a) A   b) B   c) C   d) D   e) E

Q29.

Statement: Due to increasing cybercrimes, banks introduced multi-level security in online banking.
Conclusions:
I. Online banking needs strong security.
II. Without multi-level security, banking cannot function.
a) A   b) B   c) C   d) D   e) E

Q30.

Statement: The government plans to plant 10 million trees to reduce pollution levels.
Conclusions:
I. Trees help in reducing pollution.
II. Planting trees alone will eradicate pollution.
a) A   b) B   c) C   d) D   e) E

✅ **DATA SUFFICIENCY — 30 QUESTIONS (NO LINE BREAKS)**

Directions:
(A) I alone sufficient
(B) II alone sufficient
(C) Either I or II sufficient
(D) Neither I nor II sufficient
(E) Both I & II together necessary

Q1.

Question: What is Raju's present age?
Statements:
I. Raju is 5 years older than his sister who is 20 now.
II. Five years ago, the ratio of Raju's age to his sister's age was 3 : 2.
a)A b)B c)C d)D e)E

Q2.

Question: What is the value of X?
Statements:
I. $X^2 = 144$
II. X is a positive integer
a)A b)B c)C d)D e)E

Q3.

Question: What is the height of the tower?
Statements:
I. Length of shadow of the tower is 20 m.
II. The angle of elevation of the sun is 45°.
a)A b)B c)C d)D e)E

Q4.

Question: What is the salary of Mohan?
Statements:
I. Mohan saves 20% of his salary which amounts to ₹6,000.
II. Mohan spends ₹24,000 every month.
a)A b)B c)C d)D e)E

Q5.

Question: Which direction is Ram facing?
Statements:
I. He starts facing East and turns right twice.
II. He makes two left turns after walking 5 m.
a)A b)B c)C d)D e)E

Q6.

Question: What is the two-digit number?
Statements:
I. The sum of digits is 9.
II. The number is a multiple of 11.
a)A b)B c)C d)D e)E

Q7.

Question: What is the speed of the train?
Statements:
I. The train crosses a 300 m long platform in 30 seconds.
II. The train crosses a man standing on a platform in 15 seconds.
a)A b)B c)C d)D e)E

Q8.

Question: In how many days can A alone finish the work?
Statements:
I. A and B together finish the work in 10 days.
II. A is twice as efficient as B.
a)A b)B c)C d)D e)E

Q9.

Question: What is the selling price of the article?
Statements:
I. Profit earned is 20%.
II. Cost price of the article is ₹500.
a)A b)B c)C d)D e)E

Q10.

Question: How many students passed the exam?
Statements:
I. 60% of 200 students appeared for exam.
II. 80% of students who appeared have passed.
a)A b)B c)C d)D e)E

Q11.

Question: What is the perimeter of the square?
Statements:
I. Area of the square is 144 sq.cm.
II. One side of the square is 12 cm.
a)A b)B c)C d)D e)E

Q12.

Question: Who is the tallest among A, B, C?
Statements:
I. A is taller than B.
II. C is taller than A.
a)A b)B c)C d)D e)E

Q13.

Question: How many girls are in the class?
Statements:
I. Boys are 20% more than girls.
II. Total students are 66.
a)A b)B c)C d)D e)E

Q14.

Question: What is the marked price?
Statements:
I. Discount of 20% gives selling price ₹800.
II. Profit earned is ₹200.
a)A b)B c)C d)D e)E

Q15.

Question: What is the time taken by the boat to travel upstream?
Statements:
I. Speed of boat in still water is 10 km/h.

II. Speed of current is 2 km/h and distance is 24 km.
a)A b)B c)C d)D e)E

Q16.

Question: What is the total cost of 5 tables?
Statements:
I. One table costs ₹2,000.
II. Three tables cost ₹6,000.
a)A b)B c)C d)D e)E

Q17.

Question: What is the ratio of boys to girls?
Statements:
I. Boys are 30% of total.
II. Girls are 70% of total.
a)A b)B c)C d)D e)E

Q18.

Question: How far is point B from point A?
Statements:
I. A to C is 10 km and C to B is 15 km.
II. A to D is 25 km and D to B is 0 km.
a)A b)B c)C d)D e)E

Q19.

Question: What is the total number of chocolates?
Statements:
I. Rina has 10 chocolates less than Neha.
II. Together they have 50 chocolates.
a)A b)B c)C d)D e)E

Q20.

Question: On which day did the meeting take place?
Statements:
I. It was two days after Monday.
II. It was the same day as Republic Day last year.
a)A b)B c)C d)D e)E

Q21.

Question: What is the interest earned?
Statements:
I. Principal is ₹5,000 at 10% rate.
II. Time is 2 years.
a)A b)B c)C d)D e)E

Q22.

Question: What is the three-digit number?
Statements:
I. The number is divisible by 9.
II. Sum of digits is 9.
a)A b)B c)C d)D e)E

Q23.

Question: What is John's position in the class?
Statements:
I. He is 12th from the top.
II. He is 18th from the bottom in a class of 30.
a)A b)B c)C d)D e)E

Q24.

Question: What is the price per kg of sugar?
Statements:
I. 5 kg sugar costs ₹150.
II. 10 kg sugar costs ₹300.
a)A b)B c)C d)D e)E

Q25.

Question: How many hours does Raju work per day?
Statements:
I. He works 42 hours in a week.
II. He works 6 days a week.
a)A b)B c)C d)D e)E

Q26.

Question: Who is older between A and B?
Statements:
I. A is younger than C.
II. C is older than B.
a)A b)B c)C d)D e)E

Q27.

Question: What is the cost of one pen?
Statements:
I. 4 pens cost ₹60.
II. 2 pens cost ₹30.
a)A b)B c)C d)D e)E

Q28.

Question: What is the volume of the cuboid?
Statements:
I. Length = 10 cm, Breadth = 5 cm
II. Height = 8 cm
a)A b)B c)C d)D e)E

Q29.

Question: What is the average of three numbers?
Statements:
I. Their sum is 45.
II. One of the numbers is 15.
a)A b)B c)C d)D e)E

Q30.

Question: What is Neha's profit?
Statements:
I. She sold an item for ₹600 at 20% profit.
II. Cost price of the item is ₹500.
a)A b)B c)C d)D e)E

✅ ARRANGEMENTS — 20 QUESTIONS

Q1. Six friends A, B, C, D, E and F are sitting around a circular table facing the centre. B is second to the left of A. C sits opposite B. D is immediate right of C. Who sits opposite to A? Options: a)D b)E c)F d)Cannot be determined

Q2. Eight persons P, Q, R, S, T, U, V and W are sitting in a row facing North. Q is third to the right of P. R is at one end. T is between R and V. Who is immediate left of U? Options: a)T b)V c)S d)Data inadequate

Q3. Five persons A, B, C, D, E sit in a circle facing outside. A is between B and C. D is opposite B. Who sits to the immediate left of A? Options: a)B b)C c)D d)E

Q4. Ten students sit in a row facing South. X is 4th from left. Y is 3rd to the right of X. Z is immediate left of Y. How many persons are between X and Z? Options: a)1 b)2 c)3 d)Data inadequate

Q5. Seven people sit around a circular table facing centre. M is third to the left of N. O sits between N and P. Q is opposite O. Who is immediate right of P? Options: a)M b)Q c)N d)Cannot be determined

Q6. Four couples sit in a row facing North. Each husband sits immediately to the right of his wife. If P sits at extreme left and is a husband, who sits second from right? Options: a)Wife of P b)Husband at extreme right c)Cannot be determined d)Wife at extreme right

Q7. Eight persons sit around a circle facing outside. A is opposite C. B is immediate left of A. D sits between B and E. Who is immediate right of C? Options: a)B b)E c)D d)Cannot be determined

Q8. Six students are sitting in a row facing North. A is left of B but right of C. D is at extreme right. Who is at centre? Options: a)B b)A c)C d)Data inadequate

Q9. Nine persons sit around a round table facing centre. P sits second to the left of Q. R sits third to the right of Q. S sits between R and T. Who is opposite S? Options: a)Q b)P c)Cannot be determined d)T

Q10. Five friends sit in a straight line facing South as follows: A B C D E from left to right. Who is second to the right of B? Options: a)C b)D c)E d)A

Q11. Seven people A–G sit around a circular table facing centre. B is between A and C. D is opposite B. E is immediate left of A. Who sits opposite E? Options: a)C b)D c)F d)Cannot be determined

Q12. Eight persons sit in a row facing South. H is 5th from left. K is second to the right of H. L sits at one end. Who is third from right? Options: a)K b)L c)Cannot be determined d)Person immediate left of H

Q13. Six friends sit around a circle facing centre. P is immediate right of Q. R sits between P and S. T sits opposite Q. Who is immediate left of S? Options: a)R b)P c)T d)Cannot say

Q14. Ten children sit around a circular table facing outside. A is between B and C. D is third to the left of A. E is opposite D. Who is second to the right of E? Options: a)B b)C c)A d)Cannot be determined

Q15. Five people sit in a row facing North. M is 3rd from left. N is immediate right of M. O is at extreme right. Who is second from left? Options: a)M b)N c)Person immediate left of M d)Data inadequate

Q16. Seven persons sitting around a table facing centre: P is opposite Q; R is between P and S; T is second to left of R; U is neighbor of Q. Who sits immediate right of S? Options: a)R b)T c)U d)Cannot be determined

Q17. Six members A–F sit in a row facing South. E is between B and F. D is immediate left of B. Who is at extreme left? Options: a)A b)D c)Cannot be determined d)F

Q18. Eight friends sit around a circle facing centre. A is third to left of B. C is immediate right of B. D sits opposite C. Who is immediate left of D? Options: a)B b)A c)C d)Cannot be determined

Q19. Five persons sit around a circle facing centre. X is immediate right of Y. Z is opposite X. W sits between Y and Z. Who is immediate left of W? Options: a)Z b)Y c)X d)Cannot say

Q20. Nine people sit in a row facing North. R is 4th from left. S is 3rd from right. How many people are between R and S? Options: a)1 b)3 c)4 d)Data inadequate

Q21. Six friends sit around a hexagon facing centre. P is second to the left of U. Q is neighbor of R and S. T is second to the left of S. Which one is sitting opposite to P? Options: a)R b)Q c)T d)S

Q22. Seven persons A–G sit in a row facing North. F is immediate right of E. E is fourth to the right of G. C is neighbor of B and D. Person third to the left of D is at one end. Who are to the left of C? Options: a)Only B b)G, B and D c)G and B d)D, E, F and A

Q23. In a circular arrangement of eight people facing centre, every alternate person is a male starting from position 1. If position 1 is male, who sits opposite position 3? Options: a)Position 7 b)Position 4 c)Position 6 d)Position 8

Q24. Five persons sit around a circular table facing outside. A is third to left of B. C sits between A and D. Who is opposite C? Options: a)A b)B c)D d)E

Q25. Six persons sit in a row facing South. X is 2nd from left. Y is 3rd from right. Z is immediate left of X. How many persons are between Y and Z? Options: a)1 b)2 c)3 d)Data inadequate

Q26. Eight persons sit around a circle facing centre. P is between Q and R; S is opposite Q; T is second to right of R. Who is immediate left of S? Options: a)R b)P c)T d)Cannot be determined

Q27. Five married couples sit around a circular table alternating men and women, facing centre. If Mr. A sits left of Mrs. B and Mr. C sits right of Mrs. B, who is opposite Mr. C? Options: a)Mr. A b)Mrs. B c)Mr. D d)Cannot be determined

Q28. Seven persons sit in a row facing North. A is immediate left of B. C is to the right of D. E sits between B and F. Who is at centre? Options: a)C b)E c)D d)Cannot be determined

Q29. Six people sit around a circular table facing centre. Each person has two neighbours. If P is opposite R and Q sits between P and S, who sits between R and T? Options: a)Q b)S c)Cannot be determined d)P

Q30. Eight students stand in a circle facing outside. A is opposite E. B is immediate left of A. C is third to the right of B. D is neighbor of E. Who is immediate right of D? Options: a)E b)C c)B d)Cannot be determined

✅ ANALOGIES — 30 Questions (Same Pattern, Same Style)

Q1.
Piano is to music as brush is to
a)color b)artist c)paint d)stroke

Q2.
Chef is to kitchen as doctor is to
a)hospital b)medicine c)surgery d)patient

Q3.
Seed is to plant as egg is to
a)bird b)nest c)life d)shell

Q4.
Fire is to heat as ice is to
a)cold b)water c)freeze d)snow

Q5.
Clock is to time as thermometer is to
a)weather b)mercury c)temperature d)scale

Q6.
Artist is to painting as writer is to
a)book b)paper c)story d)pen

Q7.
River is to water as highway is to
a)traffic b)car c)road d)travel

Q8.
Puppy is to dog as kitten is to
a)tiger b)cat c)cub d)pet

Q9.
Knife is to cut as needle is to
a)thread b)pierce c)doctor d)sew

Q10.
Mango is to fruit as spinach is to
a)leaf b)plant c)vegetable d)green

Q11.
Teacher is to school as soldier is to
a)country b)war c)army d)uniform

Q12.
Rain is to umbrella as sun is to
a)glasses b)light c)heat d)shade

Q13.
Feather is to bird as fin is to
a)whale b)fish c)shark d)ocean

Q14.
Smile is to happy as cry is to
a)pain b)sad c)fear d)anger

Q15.
Candle is to wax as pencil is to
a)wood b)lead c)eraser d)sharpener

Q16.
Heart is to pump as lungs are to
a)breathe b)oxygen c)filter d)inhale

Q17.
Author is to novel as composer is to
a)music b)piano c)song d)orchestra

Q18.
Bird is to nest as bee is to
a)flower b)colony c)hive d)honey

Q19.
Teacher is to chalk as painter is to
a)canvas b)brush c)art d)palette

Q20.
Farmer is to crops as miner is to
a)soil b)gold c)coal d)earth

Q21.
Engine is to car as battery is to
a)torch b)energy c)phone d)current

Q22.
Jupiter is to planet as Everest is to
a)height b)mountain c)peak d)snow

Q23.
Apple is to orchard as fish is to
a)basket b)ocean c)river d)pond

Q24.
Doctor is to stethoscope as carpenter is to
a)hammer b)wood c)nail d)tool

Q25.
Leaf is to tree as page is to
a)book b)pen c)story d)library

Q26.
Hour is to minute as litre is to
a)millilitre b)gallon c)bottle d)water

Q27.
Butter is to bread as jam is to
a)toast b)fruit c)jar d)sugar

Q28.
Library is to books as museum is to
a)history b)paintings c)artifacts d)gallery

Q29.
Audience is to theatre as passengers are to
a)ticket b)bus c)seat d)driver

Q30.
Cage is to bird as aquarium is to
a)fish b)glass c)water d)tank

✅ CLASSIFICATION / ODD ONE OUT — 30 QUESTIONS (Same Pattern)

Q1. Choose the word which is different from the rest.
Lion, Tiger, Elephant, Leopard, Cheetah

Q2. Choose the word which is different from the rest.
Shirt, Coat, Trousers, Saree, Jacket

Q3. Choose the word which is different from the rest.
Rose, Lotus, Marigold, Tulip, Mango

Q4. Choose the word which is different from the rest.
Gold, Silver, Platinum, Iron, Diamond

Q5. Choose the word which is different from the rest.
Oxygen, Hydrogen, Nitrogen, Helium, Water

Q6. Choose the word which is different from the rest.
Bus, Train, Truck, Ship, Aeroplane

Q7. Choose the word which is different from the rest.
Milk, Butter, Ghee, Curd, Honey

Q8. Choose the word which is different from the rest.
Doctor, Nurse, Teacher, Surgeon, Dentist

Q9. Choose the word which is different from the rest.
Knife, Axe, Hammer, Sword, Blade

Q10. Choose the word which is different from the rest.
January, March, May, July, September

Q11. Choose the word which is different from the rest.
Dog, Cat, Wolf, Fox, Bear

Q12. Choose the word which is different from the rest.
Spinach, Cabbage, Potato, Broccoli, Cauliflower

Q13. Choose the word which is different from the rest.
Table, Chair, Sofa, Cupboard, Pillow

Q14. Choose the word which is different from the rest.
Circle, Triangle, Square, Sphere, Rectangle

Q15. Choose the word which is different from the rest.
Police, Army, Navy, Airforce, Guard

Q16. Choose the word which is different from the rest.
Carrot, Radish, Beetroot, Ginger, Tomato

Q17. Choose the word which is different from the rest.
Cricket, Football, Volleyball, Hockey, Chess

Q18. Choose the word which is different from the rest.
Mumbai, Delhi, Kolkata, Jaipur, Singapore

Q19. Choose the word which is different from the rest.
Fan, Cooler, AC, Heater, Fridge

Q20. Choose the word which is different from the rest.
Copper, Brass, Bronze, Steel, Tin

Q21. Choose the word which is different from the rest.
Pigeon, Peacock, Ostrich, Crow, Sparrow

Q22. Choose the word which is different from the rest.
Sugar, Salt, Pepper, Turmeric, Chili

Q23. Choose the word which is different from the rest.
Earth, Mars, Jupiter, Moon, Venus

Q24. Choose the word which is different from the rest.
Keyboard, Mouse, Monitor, CPU, Charger

Q25. Choose the word which is different from the rest.
Running, Jumping, Swimming, Reading, Dancing

Q26. Choose the word which is different from the rest.
Bihar, Punjab, Odisha, Assam, Tokyo

Q27. Choose the word which is different from the rest.
Doctor, Engineer, Lawyer, Pilot, Hospital

Q28. Choose the word which is different from the rest.
Apple, Banana, Grapes, Orange, Tomato

Q29. Choose the word which is different from the rest.
Pen, Pencil, Marker, Book, Sketch

Q30. Choose the word which is different from the rest.
Blue, Red, Black, Yellow, Cotton

SYLLOGISM – PRACTICE SET (30 QUESTIONS)

Directions:
In each question below, two statements are given followed by two conclusions. Assume the statements to be true even if they contradict common facts. Decide which conclusion follows logically.
Give answer:
(A) Only conclusion I follows
(B) Only conclusion II follows
(C) Either I or II follows
(D) Neither I nor II follows
(E) Both I and II follow

Q1)

Statements: Some doctors are singers. All singers are artists.
Conclusions:
I. Some doctors are artists.
II. All artists are singers.
a) A b) B c) C d) D e) E

Q2)

Statements: All roads are highways. Some highways are expressways.
Conclusions:
I. Some roads are expressways.
II. All expressways being highways is a possibility.
a) A b) B c) C d) D e) E

Q3)

Statements: Some pens are pencils. No pencil is sharp.
Conclusions:
I. Some pens are not sharp.

II. All pens are pencils.
a) A b) B c) C d) D e) E

Q4)

Statements: All fruits are sweet. Some sweets are unhealthy.
Conclusions:
I. Some fruits may be unhealthy.
II. All unhealthy things are fruits.
a) A b) B c) C d) D e) E

Q5)

Statements: No tiger is domestic. All cats are domestic.
Conclusions:
I. No cat is tiger.
II. All domestic animals are tigers.
a) A b) B c) C d) D e) E

Q6)

Statements: Some players are champions. No champion is weak.
Conclusions:
I. Some players are not weak.
II. All players are weak.
a) A b) B c) C d) D e) E

Q7)

Statements: All mobiles are electronic devices. Some electronic devices are costly.
Conclusions:
I. All mobiles being costly is a possibility.
II. Some costly items are mobiles.
a) A b) B c) C d) D e) E

Q8)

Statements: Some chairs are tables. All tables are wooden.
Conclusions:
I. Some chairs are wooden.
II. All wooden are tables.
a) A b) B c) C d) D e) E

Q9)

Statements: No bird is reptile. All parrots are birds.
Conclusions:
I. No parrot is reptile.
II. Some birds are reptiles.
a) A b) B c) C d) D e) E

Q10)

Statements: All books are pages. No page is empty.
Conclusions:
I. Some books are not empty.
II. No book is empty.
a) A b) B c) C d) D e) E

Q11)

Statements: Some engineers are scholars. All scholars are intelligent.
Conclusions:
I. Some engineers are intelligent.
II. Some intelligent are engineers.
a) A b) B c) C d) D e) E

Q12)

Statements: All actors are famous. Some famous are rich.
Conclusions:
I. All rich people being actors is a possibility.
II. Some rich are actors.
a) A b) B c) C d) D e) E

Q13)

Statements: All laptops are machines. Some machines are expensive.
Conclusions:
I. Some laptops are expensive.
II. All machines are laptops.
a) A b) B c) C d) D e) E

Q14)

Statements: No flower is stone. Some stones are hard.
Conclusions:
I. Some hard things may be flowers.
II. No flower is hard.
a) A b) B c) C d) D e) E

Q15)

Statements: Some poets are writers. All writers are thinkers.
Conclusions:
I. Some thinkers are poets.
II. All poets are thinkers.
a) A b) B c) C d) D e) E

Q16)

Statements: All bottles are glass. Some glass is transparent.
Conclusions:
I. All bottles may be transparent.
II. Some transparent things are bottles.
a) A b) B c) C d) D e) E

Q17)

Statements: Some students are toppers. No topper is lazy.
Conclusions:
I. Some students are not lazy.
II. All toppers are students.
a) A b) B c) C d) D e) E

Q18)

Statements: All vegetables are plants. Some plants are trees.
Conclusions:
I. Some vegetables are trees.
II. All trees being vegetables is a possibility.
a) A b) B c) C d) D e) E

Q19)

Statements: No pen is eraser. Some erasers are plastic.
Conclusions:
I. No plastic is pen.
II. Some plastic are not pens.
a) A b) B c) C d) D e) E

Q20)

Statements: Some mobiles are phones. No phone is toy.
Conclusions:
I. Some mobiles are not toys.
II. All phones are mobiles.
a) A b) B c) C d) D e) E

Q21)

Statements: All buses are vehicles. Some vehicles are diesel-based.
Conclusions:
I. Some buses are diesel-based.
II. All diesel vehicles are buses.
a) A b) B c) C d) D e) E

Q22)

Statements: Some cups are plates. All plates are containers.
Conclusions:
I. Some cups are containers.
II. All cups are plates.
a) A b) B c) C d) D e) E

Q23)

Statements: No movie is boring. Some boring things are long.
Conclusions:
I. No movie is long.

II. Some long things are not movies.
a) A b) B c) C d) D e) E

Q24)

Statements: All dogs are animals. Some animals are wild.
Conclusions:
I. Some dogs may be wild.
II. All wild animals are dogs.
a) A b) B c) C d) D e) E

Q25)

Statements: Some teachers are mentors. All mentors are guides.
Conclusions:
I. Some teachers are guides.
II. All guides are teachers.
a) A b) B c) C d) D e) E

Q26)

Statements: No laptop is mobile. All mobiles are gadgets.
Conclusions:
I. No laptop is gadget.
II. Some gadgets are not laptops.
a) A b) B c) C d) D e) E

Q27)

Statements: All trains are fast. Some fast things are dangerous.
Conclusions:
I. Some trains may be dangerous.
II. All dangerous things are trains.
a) A b) B c) C d) D e) E

Q28)

Statements: Some clouds are dark. All dark things are scary.
Conclusions:
I. Some clouds are scary.
II. All scary things are clouds.
a) A b) B c) C d) D e) E

Q29)

Statements: All keys are metal. No metal is soft.
Conclusions:
I. No key is soft.
II. Some keys are soft.
a) A b) B c) C d) D e) E

Q30)

Statements: Some birds are flying-creatures. All flying-creatures are living beings.
Conclusions:
I. Some birds are living beings.
II. All living beings are birds.
a) A b) B c) C d) D e) E