

Q1. Pointing to a photograph, Amit said, "She is the daughter of the only son of my grandfather." How is the person in the photograph related to Amit?

- (a) Sister
- (b) Mother
- (c) Aunt
- (d) Daughter

Ans.(a)

Q2. Choose the set where the pattern of vowels and consonants differs.

- (a) BEAT
- (b) SOUR
- (c) PLAY
- (d) COIN

Ans.(c)

Q3. If $\times$ means $+$, $\div$ means $-$, $+$ means $\div$, and $-$ means $\times$, find the value of:
 $120 + 15 - 4 \times 10 \div 5 = ?$

- (a) 35
- (b) 37
- (c) 42
- (d) 45

Ans.(b)

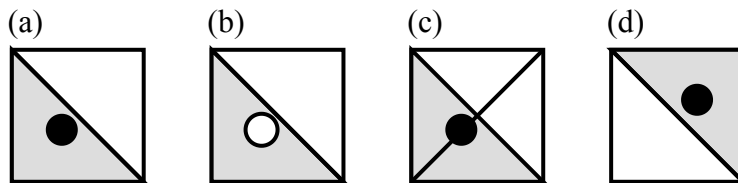
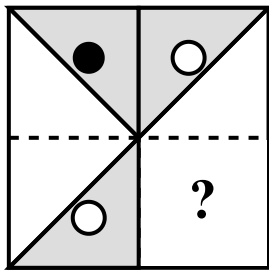
Q4. Instructions: For the question below, carefully examine the Reference Statement. Then, identify the single option among the four alternatives (a, b, c, d) that is an EXACT AND COMPLETE REPLICATION of the Reference Statement. Pay exceptionally close attention to every character, number, symbol, space, and punctuation mark.

Reference: Reykjavik, ISL: 17th August 1985.

- (a) Reykjavik, ISL: 17th August 1985.
- (b) Reykjavík, ISL: 17th August 1985.
- (c) Reykjavik, ISL: 17th August, 1985.
- (d) Reykjavik, IS: 17th August 1985.

Ans.(a)

Q5. Which of the following option figures will complete the highly complex symmetric pattern given below?



Ans.(a)

Q6. In the question below there are three statements followed by two conclusions I and II. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the three statements disregarding commonly known facts.

Statements:

All Laptops are Computers.

Some Computers are Tablets.

No Tablet is a Smartphone.

Conclusions:

I. Some Laptops are Tablets.

II. No Smartphone is a Computer.

- (a) Only conclusion I follows
- (b) Only conclusion II follows
- (c) Both conclusions I and II follow
- (d) Neither conclusion I nor II follows

Ans.(d)

Q7. Select the option which is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

PNDR : SMK U :: GKPT : JNS W :: VQMD : ?

- (a) YTPG
- (b) YUQG
- (c) XTPG
- (d) YUQF

Ans.(a)

Q8. 18th of a month is Friday. This month has 31 days. What will be the 14th of next month?

- (a) Tuesday
- (b) Wednesday
- (c) Thursday
- (d) Friday

Ans.(c)

Q9. One evening, Rekha started walking towards the sun for 60m. She took a right turn and walked 40m. Finally, she turned right again and walked 90m to reach the park. What is the minimum distance and in which direction is the park from her starting point?

- (a) 50 m North - East
- (b) 50 m North - West
- (c) 50 m South - East
- (d) 50 m South - West

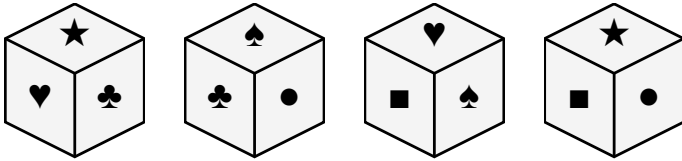
Ans.(a)

Q10. In a certain code language, MACHINE is written as NBDIJOF. How will PROBLEM be written in that code?

- (a) QSPCMFN
- (b) QSMCFPN
- (c) QSPCBMF
- (d) QSPCMNF

Ans.(a)

Q11. Four different positions of the same dice are shown, which has unique symbols (★, ♣, ♠, ♥, ●, ■) on its six faces. Identify the correct statements based on these figures.



- A. (I) and (II) are sufficient to deduce which symbol is opposite to ★.
 B. (II) and (III) are sufficient to deduce which symbol is opposite to ■.
 C. (I) and (III) are sufficient to deduce which symbol is opposite to ●.
 D. (I) and (IV) are sufficient to deduce which symbol is opposite to ♣.
- Choose the correct answer from the options given below:

- (a) A and D only
 (b) B and C only
 (c) A and B only
 (d) A, B, and D only

Ans.(a)

Q12. Which of the following option figures can be formed by folding the given complex net (Figure X) along the lines? Pay attention to the orientation of the symbols.

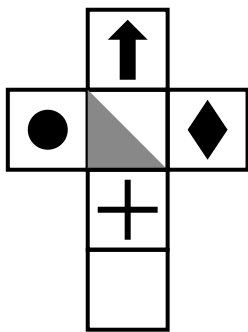


Figure X

- (a) (b) (c) (d)
-
- The four options are:
- (a) Top: ↑, Front: ●, Right: ◆
 - (b) Top: Shaded triangle, Front: +, Right: ↑
 - (c) Top: ↑, Front: Shaded triangle, Right: ◆
 - (d) Top: Shaded triangle, Front: ●, Right: +

Ans.(c)

Q13. You are given a Master Address (MA) from official records. Your task is to identify the correct candidate address that matches exactly with the master address in terms of formatting, punctuation, spelling, and structure.

Master Address (MA): 45/A, Lotus Tower, Phase-2, New Rajendra Nagar, Delhi - 110060

Candidate Addresses:

- (a) 45/A, Lotus Tower, Phase-2, New Rajendra Nagar, Delhi - 110060
- (b) 45/A, Lotus Towers, Phase-2, New Rajendra Nagar, Delhi - 110060
- (c) 45/A, Lotus Tower, Phase 2, New Rajendra Nagar, Delhi - 110060
- (d) 45/A, Lotus Tower, Phase-2, New Rajender Nagar, Delhi - 110060

Ans.(a)

Q14. Statements:

- (i) All athletes who train properly win a medal.
- (ii) Rajesh is an athlete.

Conclusions:

- (i) Rajesh won a medal.
- (ii) If Rajesh trained properly, he will win a medal.

- (a) Only conclusion (i) follows
- (b) Only conclusion (ii) follows
- (c) Both (i) and (ii) follow
- (d) Neither follows

Ans.(b)

Q15. If BRAIN is coded as CSBJO, then MAKER is coded as

- (a) NBLFS
- (b) NBLFQ
- (c) NBKFS
- (d) NCLES

Ans.(a)

Q16. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

2, 10, 30, 68, 130, ?

(a) 210

(b) 216

(c) 222

(d) 240

Ans.(c)

Q17. What number will replace the question mark (?) in the given matrix series?

25	5	6	36
49	7	4	20
81	9	8	?

(a) 72

(b) 64

(c) 80

(d) 89

Ans.(a)

Q18. What comes next in the following series?

Z26, Y24, X22, W20, V18, ?

(a) U15

(b) U16

(c) T16

(d) U17

Ans.(b)

Q19. In this question, a statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

Statement: $A > B = C \geq D < E \leq F$

Conclusions:

I. $A > D$

II. $B < F$

- (a) Both I and II are true
- (b) Only II is true
- (c) Neither I nor II is true
- (d) Only I is true

Ans.(d)

Q20. 8 friends P, Q, R, S, T, U, V, and W are sitting around a circular table facing the centre. P is third to the right of W and third to the left of Q. S is second to the right of T. V is second to the left of R. T is not an immediate neighbour of Q. Who is to the immediate right of U?

- (a) V
- (b) W
- (c) P
- (d) Q

Ans.(b)

Q21. The criteria for selecting a candidate for a Bank Probationary Officer are as follows. The candidate:

1. must hold a Bachelor's degree with at least 60% marks.
2. must have secured at least 65% in the preliminary exam and 70% in the mains exam.
3. must be between 21 and 30 years of age as on 1 April 2023.

However, if a candidate fulfils all criteria EXCEPT:

- a. no. 1, but has a Master's degree with at least 55% marks, the case is to be referred to the HR Manager.
- b. no. 3, but belongs to a reserved category, the case is to be referred to the Zonal Head.

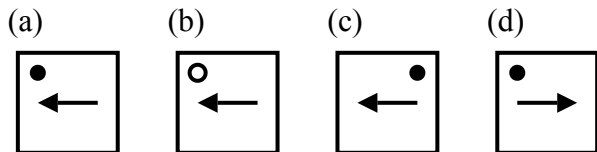
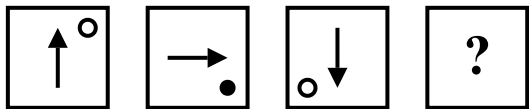
Rahul completed his B.Sc. with 58% and M.Sc. with 62%. He was born on 12th May 1995. He scored 68% in prelims and 72% in mains. He does not belong to any reserved category.

What decision should be taken?

- (a) The candidate is to be selected.
- (b) The candidate is not to be selected.
- (c) The case is to be referred to the HR Manager.
- (d) The case is to be referred to the Zonal Head.

Ans.(c)

Q22. In the following figure series, observe the complex movement and rotation of elements. Select the figure which correctly replaces the question mark (?).



Ans.(a)

Q23. In the following question, four number pairs are given. In each pair the number on left side of (-) is related to the number on right side of (-) with some logic/Rule/Relation. Three pairs are similar on the basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

- (a) 15 - 225
- (b) 12 - 144
- (c) 14 - 196
- (d) 13 - 171

Ans.(d)

Q24. In a certain code, MONKEY is coded as XDJMNL, how is TIGER coded?

- (a) QDFHS
- (b) SDFHS
- (c) SHFDQ
- (d) UJHFS

Ans.(a)

Q25. Statement:

Should a total ban be put on the use of plastic bags?

Arguments:

I. Yes. It will reduce the massive environmental pollution caused by plastic waste.

II. No. It will result in the loss of jobs for millions working in the plastic manufacturing industry.

- (a) if only argument I is strong
- (b) if only argument II is strong
- (c) if both arguments are strong
- (d) if neither I nor II is strong

Ans.(c)

Q26. Which layer of the Earth is composed primarily of liquid iron and nickel and is responsible for creating the Earth's magnetic field?

- (a) Inner Core
- (b) Outer Core
- (c) Mantle
- (d) Crust

Ans.(b)

Q27. The New Economic Policy of 1991 in India is commonly referred to by which acronym?

- (a) PURA
- (b) NITI
- (c) LPG
- (d) GST

Ans.(c)

Q28. Which of the following is India's indigenous Beyond Visual Range (BVR) air-to-air missile?

- (a) BrahMos
- (b) Astra
- (c) Prithvi
- (d) Agni

Ans.(b)

Q29. The classical dance form 'Sattriya' originated in which of the following Indian states?

- (a) Assam
- (b) Odisha
- (c) Manipur
- (d) Kerala

Ans.(a)

Q30. Consider the following statements regarding an Indian festival:

- i. It marks the harvest of the winter crop.
- ii. It is traditionally celebrated by lighting bonfires and dancing around them, primarily in North India.

Which festival is being talked about?

- (a) Onam
- (b) Pongal
- (c) Lohri
- (d) Makar Sankranti

Ans.(c)

Q31. With reference to the Finance Commission of India, consider the following:

- 1. It is a constitutional body established under Article 280.
- 2. It is constituted every five years by the Prime Minister of India.
- 3. Its primary function is to recommend the distribution of tax revenues between the Union and the States.

Which of the statements is/are correct?

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

Ans.(b)

Q32. During the Delhi Sultanate period, the department of 'Diwan-i-Arz' was related to:

- (a) Agriculture
- (b) Military Affairs
- (c) Revenue
- (d) Charity

Ans.(b)

Q33. Which of the following greenhouse gases has the highest global warming potential (GWP) per molecule?

- (a) Carbon Dioxide (CO_2)
- (b) Methane (CH_4)
- (c) Nitrous Oxide (N_2O)
- (d) Sulfur Hexafluoride (SF_6)

Ans.(d)

Q34. Neeraj Chopra made history by winning the Gold Medal in Javelin Throw at the Tokyo 2020 Olympics. What was his winning throw distance?

- (a) 87.58 m
- (b) 86.65 m
- (c) 88.02 m
- (d) 89.94 m

Ans.(a)

Q35. Read the below statements:

Statement I: The 'Nathu La pass' connects the Indian state of Sikkim with the Tibet Autonomous Region of China.

Statement II: The 'Rohtang Pass' is located in the Pir Panjal Range of the Himalayas and connects the Kullu Valley with the Lahaul and Spiti Valleys.

- (a) Only Statement II is correct
- (b) Neither Statement I nor II is correct
- (c) Only Statement I is correct
- (d) Both Statement I and II are correct

Ans.(d)

Q36. Which committee in India is prominently known for recommending the estimation of poverty line based on nutritional requirements (calories)?

- (a) Kelkar Committee
- (b) Alagh Committee
- (c) Raja Chelliah Committee
- (d) Narasimham Committee

Ans.(b)

Q37. Read the following statements regarding ancient Indian History:

1. The Mauryan Empire was founded by Chandragupta Maurya.
2. Megasthenes was a Greek ambassador in the court of Ashoka.
3. The Arthashastra was authored by Chanakya (Kautilya).

Which of the above statement/s is/are true?

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

Ans.(c)

Q38. The famous 'Red Fort' in Delhi was commissioned to be built by which Mughal Emperor?

- (a) Akbar
- (b) Jahangir
- (c) Shah Jahan
- (d) Aurangzeb

Ans.(c)

Q39. Read the following statements and choose the correct option:

Statement I: 'Onam' is celebrated primarily in Kerala as a major harvest festival.

Statement II: 'Bihu' is the traditional harvest festival marking the Assamese New Year.

- (a) Only Statement I is correct
- (b) Only Statement II is correct
- (c) Both Statement I and II are correct
- (d) Neither Statement I nor Statement II is correct

Ans.(c)

Q40. Which of the following Harappan sites is renowned for having an artificial brick dockyard?

- (a) Kalibangan
- (b) Lothal
- (c) Mohenjo-Daro
- (d) Banawali

Ans.(b)

Q41. Which of the following statements is correct regarding the Fundamental Duties in the Indian Constitution?

- I. They were added by the 42nd Constitutional Amendment Act, 1976.
- II. They are justiciable in nature, meaning they can be enforced by courts.

- (a) Only I
- (b) Only II
- (c) Both I and II
- (d) Neither I nor II

Ans.(a)

Q42. Who became the first Indian author to win the International Booker Prize for the novel 'Tomb of Sand' in 2022?

- (a) Arundhati Roy
- (b) Geetanjali Shree
- (c) Kiran Desai
- (d) Salman Rushdie

Ans.(b)

Q43. Consider the following statements regarding the Paris Agreement:

- 1. It is a legally binding international treaty on climate change.
- 2. Its overarching goal is to hold the increase in the global average temperature to well below 2°C above pre-industrial levels.
- 3. It was adopted in 2015 at the UN Climate Change Conference (COP21).

Which of the statements given above is/are correct?

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

Ans.(d)

Q44. Read the below statements:

Statement I: NITI Aayog was established on January 1, 2015, replacing the Planning Commission.

Statement II: The President of India acts as the ex-officio Chairperson of NITI Aayog.

- (a) Both statements I and II are incorrect
- (b) Statement I is correct, Statement II is incorrect
- (c) Statement I is incorrect, Statement II is correct
- (d) Both statements I and II are correct

Ans.(b)

Q45. Which country hosted the FIFA Men's World Cup in 2022 where Argentina emerged victorious?

- (a) Brazil
- (b) Russia
- (c) Qatar
- (d) Saudi Arabia

Ans.(c)

Q46. Which of the following is true about "Fiscal Deficit"?

- (a) It is the difference between total revenue and total expenditure of the government.
- (b) It represents the total borrowings required by the government.
- (c) It only accounts for capital expenditures.
- (d) It is independent of the interest payments on past debts.

Ans.(b)

Q47. What is INS Vikrant, which was commissioned into the Indian Navy recently?

- (a) A nuclear-powered submarine
- (b) India's first indigenously built aircraft carrier
- (c) A stealth frigate
- (d) An amphibious warfare ship

Ans.(b)

Q48. Which young Indian chess prodigy reached the finals of the FIDE Chess World Cup 2023?

- (a) R Praggnanandhaa
- (b) D Gukesh
- (c) Vidit Gujrathi
- (d) Nihal Sarin

Ans.(a)

Q49. Consider the following statements regarding the Commonwealth Games:

1. India hosted the Commonwealth Games for the first time in 2010.
2. The 2010 Commonwealth Games were held in Mumbai.
3. Australia has hosted the Commonwealth Games the maximum number of times.

Which of the statements given above are correct?

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

Ans.(b)

Q50. Under which Article of the Indian Constitution can Parliament amend the Constitution and its procedures?

- (a) Article 352
- (b) Article 356
- (c) Article 368
- (d) Article 370

Ans.(c)

Q51. The height of a right circular cylinder is 14 cm and its curved surface area is 264 cm^2 . Find the volume of the cylinder. (Take $\pi = \frac{22}{7}$)

- (a) 296 cm^3
- (b) 396 cm^3
- (c) 369 cm^3
- (d) 436 cm^3

Ans.(b)

Q52. Consider two similar triangles, $\triangle ABC$ and $\triangle PQR$. The ratio of their corresponding perimeters is 4:5. If the area of $\triangle ABC$ is 64 cm^2 , what is the area of $\triangle PQR$?

- (a) 80 cm^2
- (b) 100 cm^2
- (c) 125 cm^2
- (d) 120 cm^2

Ans.(b)

Q53. If $p = 3 + \sqrt{2}$ and $q = 3 - \sqrt{2}$, which of the following is true?

- (a) $p + q$ is irrational
- (b) $p - q$ is rational
- (c) $p \times q$ is rational
- (d) p / q is rational

Ans.(c)

Q54. If $(x - \frac{1}{x}) = 4$, then what is the value of $x^3 - \frac{1}{x^3}$?

- (a) 64
- (b) 68
- (c) 52
- (d) 76

Ans.(d)

Q55. A starts a business with ₹ 25,000. After 4 months, B joins him with ₹ 30,000. At the end of the year, the total profit is ₹ 14,000. What is the share of B in the profit?

- (a) ₹ 6,000
- (b) ₹ 6,400
- (c) ₹ 7,500
- (d) ₹ 8,000

Ans.(b)

Q56. A boat goes 15 km upstream and 22 km downstream in 5 hours. It goes 20 km upstream and 27.5 km downstream in 6.5 hours. Find the speed of the boat in still water.

- (a) 8 km/h
- (b) 6 km/h
- (c) 7 km/h
- (d) 5 km/h

Ans.(a)

Q57. A shopkeeper bought 4 kg of sugar and 5 kg of rice for ₹ 320. Next time, he bought 6 kg of sugar and 3 kg of rice for ₹ 300. Find the cost of 1 kg of sugar and 1 kg of rice respectively.

- (a) ₹ 30, ₹ 40
- (b) ₹ 40, ₹ 30
- (c) ₹ 25, ₹ 45
- (d) ₹ 35, ₹ 35

Ans.(a)

Q58. The difference between the simple interest and compound interest on a certain sum of money for 2 years at 5% per annum is ₹ 15. Find the sum.

- (a) ₹ 6,000
- (b) ₹ 5,500
- (c) ₹ 6,500
- (d) ₹ 7,000

Ans.(a)

Q59. A solid metallic cylinder of base radius 3 cm and height 5 cm is melted to form cones, each of height 1 cm and base radius 1 mm. Find the number of cones so formed.

- (a) 13500
- (b) 4500
- (c) 135000
- (d) 45000

Ans.(c)

Q60. The price of a commodity increases by 20%. By what percentage should a consumer reduce their consumption so that the expenditure on the commodity remains unchanged?

- (a) 16.66%
- (b) 20%
- (c) 25%
- (d) 15%

Ans.(a)

Q61. If $\tan \theta = \frac{4}{3}$ and θ is acute, find the value of $\frac{\sin \theta + \cos \theta}{\sin \theta - \cos \theta}$.

- (a) 7
- (b) 1
- (c) -7
- (d) $\frac{1}{7}$

Ans.(a)

Q62. In a company, the average salary of 15 managers is ₹ 60,000, and the average salary of 35 employees is ₹ 20,000. What is the overall average salary of all the staff members combined?

- (a) ₹ 32,000
- (b) ₹ 35,000
- (c) ₹ 38,000
- (d) ₹ 40,000

Ans.(a)

Q63. Simplify the following expression:

$$\frac{0.04 \times 0.04 \times 0.04 + 0.02 \times 0.02 \times 0.02}{0.04 \times 0.04 - 0.04 \times 0.02 + 0.02 \times 0.02}$$

- (a) 0.06
- (b) 0.02
- (c) 0.08
- (d) 0.008

Ans.(a)

Q64. If the radii of two circles are 5 cm and 3 cm, and the distance between their centers is 10 cm, find the length of the direct common tangent.

- (a) $\sqrt{100}$ cm
- (b) $\sqrt{96}$ cm
- (c) $\sqrt{64}$ cm
- (d) $\sqrt{84}$ cm

Ans.(b)

Q65. A grocer mixes two varieties of tea costing ₹ 80 per kg and ₹ 120 per kg. In what ratio should he mix them so that the mixture costs ₹ 110 per kg?

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

Ans.(c)

Q66. From an external point P, two tangents PA and PB are drawn to a circle with center O. If the radius of the circle is 5 cm and $OP = 13$ cm, find the area of quadrilateral PAOB.

- (a) 60 cm^2
- (b) 30 cm^2
- (c) 120 cm^2
- (d) 65 cm^2

Ans.(a)

Q67. A can do a piece of work in 20 days and B can do the same work in 30 days. They start working together, but after 5 days, B leaves. In how many more days will A finish the remaining work?

- (a) 10 days
- (b) 11.67 days
- (c) 12.33 days
- (d) 8 days

Ans.(b)

Q68. Three identical solid metal spheres of radius r are melted and recast into a single larger sphere. The radius of the new sphere is:

- (a) $r\sqrt[3]{3}$
- (b) $4r$
- (c) $3r$
- (d) $r\sqrt{3}$

Ans.(a)

Q69. The marked price of an article is ₹ 2,500. A shopkeeper gives two successive discounts of 20% and 10%. What is the selling price of the article?

- (a) ₹ 1,750
- (b) ₹ 1,800
- (c) ₹ 1,850
- (d) ₹ 1,900

Ans.(b)

Q70. A train traveling at 72 km/h crosses a 250 m long platform in 26 seconds. What is the length of the train?

- (a) 250 m
- (b) 260 m
- (c) 270 m
- (d) 280 m

Ans.(c)

Q71. A certain sum triples itself in 10 years at a certain rate of simple interest. In how many years will it become 5 times of itself at the same rate of interest?

- (a) 15 years
- (b) 20 years
- (c) 25 years
- (d) 30 years

Ans.(b)

Q72. If the cost price of 15 articles is equal to the selling price of 12 articles, find the profit percentage.

- (a) 20%
- (b) 25%
- (c) 30%
- (d) 15%

Ans.(b)

Q73. An article is sold at a 15% profit. If its cost price was ₹ 20 less and selling price was ₹ 20 less, the profit would have been 20%. Find the original cost price.

- (a) ₹ 80
- (b) ₹ 100
- (c) ₹ 120
- (d) ₹ 150

Ans.(b)

Q74. Find the value of: $2 \sin^2 45^\circ + \cos^2 60^\circ - \tan^2 30^\circ$

- (a) $\frac{11}{12}$
- (b) $\frac{5}{12}$
- (c) 1
- (d) $\frac{7}{12}$

Ans.(a)

Q75. The ratio of the present ages of a mother and her daughter is 7 : 3. Six years ago, the ratio of their ages was 5 : 2. What is the present age of the mother?

- (a) 42 years
- (b) 49 years
- (c) 35 years
- (d) 56 years

Ans.(a)

Q76. Select the correct meaning of the given idiom/phrase.

"To beat around the bush" means:

- (a) To search carefully for something hidden
- (b) To avoid getting to the point of a topic
- (c) To aggressively attack someone physically
- (d) To boast about one's achievements

Ans.(b)

Q77. Select the sentence containing the homonym of the highlighted word:

The dog gave a loud **bark** when the stranger approached.

- (a) He bought a new leash for his pet.
- (b) The tree's bark was rough and peeling.
- (c) The dog began to howl at the moon.
- (d) The stranger slowly walked away in fear.

Ans.(b)

Q78. Choose the option that is the most appropriate conversion of the following sentence into Direct Speech.

The manager informed the team that the client had accepted their proposal the previous day.

- (a) The manager said to the team, "The client has accepted our proposal yesterday."
- (b) The manager said to the team, "The client accepted our proposal the previous day."
- (c) The manager said to the team, "The client accepts our proposal yesterday."
- (d) The manager said to the team, "The client had accepted our proposal the previous day."

Ans.(a)

Q79. In the following question, four spellings are given. Select the correctly spelt word.

- (a) Accomodation
- (b) Accommodation
- (c) Acommodation
- (d) Accomodaton

Ans.(b)

Q80. Choose the correct one-word substitute for: 'A person who collects or has a great love of books'.

- (a) Philanthropist
- (b) Bibliophile
- (c) Misogynist
- (d) Numismatist

Ans.(b)

Directions (81-85): Read the passage and answer the questions:

Artificial Intelligence (AI) in healthcare is rapidly transitioning from a theoretical concept to a ubiquitous reality. The integration of machine learning algorithms in diagnostics has demonstrated unprecedented accuracy, often matching or even surpassing human experts in interpreting radiological images and pathology slides. Beyond diagnostics, AI is instrumental in predictive analytics, helping hospitals anticipate patient admissions and allocate resources effectively. However, this technological leap is not without challenges. Data privacy remains a paramount concern, as training these algorithms requires vast amounts of sensitive patient data. Furthermore, the "black box" nature of some AI models raises ethical questions about accountability when a misdiagnosis occurs. To ameliorate these issues, regulatory frameworks are evolving to ensure that AI applications are transparent, unbiased, and subject to rigorous clinical validation. Ultimately, the successful adoption of AI in medicine will depend on fostering a symbiotic relationship between human clinicians and intelligent machines, leveraging technology to augment rather than replace human judgment.

Q81. Which of the following is the correct tense used in the phrase: "regulatory frameworks are evolving to ensure that AI applications are transparent"?

- (a) Present Perfect
- (b) Present Continuous
- (c) Future Simple
- (d) Past Continuous

Ans.(b)

Q82. Identify the grammatical function of the word "unprecedented" as used in the passage.

- (a) Noun
- (b) Verb
- (c) Adverb
- (d) Adjective

Ans.(d)

Q83. What is the meaning of the word "ubiquitous" as used in the passage?

- (a) Rare and experimental
- (b) Expensive and exclusive
- (c) Present everywhere
- (d) Obsolete and outdated

Ans.(c)

Q84. The word "ameliorate" in the passage most nearly means:

- (a) Exacerbate
- (b) Improve or make better
- (c) Complicate
- (d) Ignore completely

Ans.(b)

Q85. According to the passage, what is a major ethical concern regarding some AI models in healthcare?

- (a) They cost too much to implement in rural areas.
- (b) They often act too slowly in emergency situations.
- (c) Their "black box" nature makes it difficult to establish accountability for errors.
- (d) They replace doctors entirely, causing massive unemployment.

Ans.(c)

Q86. From the alternatives given below, select the correct passive voice of the following sentence.
The mechanic is repairing my car right now.

- (a) My car is repaired by the mechanic right now.
- (b) My car is being repaired by the mechanic right now.
- (c) My car was being repaired by the mechanic right now.
- (d) My car has been repaired by the mechanic right now.

Ans.(b)

Q87. Select the correct option:

The Principal congratulated the student ____ his outstanding performance in the board exams.

- (a) for
- (b) about
- (c) on
- (d) at

Ans.(c)

Q88. Select the most appropriate antonym of the given word: Ephemeral

- (a) Transient
- (b) Permanent
- (c) Fleeting
- (d) Short-lived

Ans.(b)

Q89. Select the option that expresses the given sentence in active voice.

The new software has been installed by the IT department across all computers.

- (a) The IT department is installing the new software across all computers.
- (b) The IT department installed the new software across all computers.
- (c) The IT department has installed the new software across all computers.
- (d) The IT department had installed the new software across all computers.

Ans.(c)

Q90. In the following question, four spellings are given. Select the correctly spelt word.

- (a) Manoeuvre
- (b) Maneuverr
- (c) Manouvre
- (d) Manoeuver

Ans.(a)

Q91. Find the part of the sentence that contains an error:

He is one of the most intelligent student (1)/ in the entire class (2)/ who have consistently (3)/ scored top grades. (4)

(a) (1)

(b) (2)

(c) (3)

(d) (4)

Ans.(a)

Q92. Choose the correct phrasal verb:

Because of the heavy rain, the organizers had to _____ the outdoor concert.

(a) call in

(b) call off

(c) call out

(d) call up

Ans.(b)

Q93. Choose the correct indirect narration of the following statement from the given alternatives:

She said, "I will travel to London tomorrow."

(a) She said that she would travel to London tomorrow.

(b) She said that she will travel to London the next day.

(c) She said that she would travel to London the next day.

(d) She said she travels to London the next day.

Ans.(c)

Q94. In the following question, four spellings are given. Select the correctly spelt word.

(a) Surveilance

(b) Surveillance

(c) Surveilence

(d) Survelance

Ans.(b)

Q95. Select the most appropriate synonym of the word given below.

Mitigate

- (a) Aggravate
- (b) Alleviate
- (c) Instigate
- (d) Intensify

Ans.(b)

Q96. The given sentence contains an error. Identify the error and select the option that rectifies the error.

I have seen him yesterday at the supermarket.

- (a) I saw him yesterday at the supermarket.
- (b) I was seeing him yesterday at the supermarket.
- (c) I had seen him yesterday at the supermarket.
- (d) I see him yesterday at the supermarket.

Ans.(a)

Q97. Directions: Select the option that expresses the given sentence in PASSIVE VOICE.

Who broke the expensive vase in the living room?

- (a) By whom was the expensive vase broken in the living room?
- (b) By who was the expensive vase broken in the living room?
- (c) Whom was the expensive vase broken by in the living room?
- (d) Who was broken the expensive vase in the living room?

Ans.(a)

Q98. Find the part of the sentence that contains an error:

Neither the manager (1)/ nor the employees (2)/ was aware of the changes (3)/ made to the schedule. (4)

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

Ans.(c)

Q99. Select the most appropriate antonym of the given word: Cacophony

- (a) Noise
- (b) Harmony
- (c) Clamor
- (d) Discord

Ans.(b)

Q100. Select the correct meaning of the idiom used in the given sentence.

Knowing the surgery would be painful, he finally decided to **bite the bullet** and get it done.

- (a) To show cowardice
- (b) To endure a painful or difficult situation with courage
- (c) To complain endlessly about a problem
- (d) To intentionally delay something important

Ans.(b)