

MICAT 2004 Question Paper with Solutions

Time Allowed :3 Hours

Maximum Marks :100

Total questions :60

General Instructions

General Instructions:

- i) All questions are compulsory. Marks allotted to each question are indicated in the margin.
- ii) Answers must be precise and to the point.
- iii) In numerical questions, all steps of calculation should be shown clearly.
- iv) Use of non-programmable scientific calculators is permitted.
- v) Wherever necessary, write balanced chemical equations with proper symbols and units.
- vi) Rough work should be done only in the space provided in the question paper.

SECTION A

1. And what are we to say of man? Is he a speck of dust crawling helplessly on a small planet, as the astronomers see it? Or is he, as the chemists might hold, a heap of chemicals put together in a cunning way? Or, finally, is man what he appears to Hamlet, noble in reason, infinite in faculty? Is man, perhaps, all of these at once?

Correct Answer: The essence of man lies in the philosophical question of his identity, whether he is simply a speck of dust, a heap of chemicals, or a noble being with reason and infinite capacity.

Solution:

Step 1: Understanding the passage.

The passage questions the essence of man by presenting three different perspectives: one based on a scientific view, one from the chemical perspective, and another from a philosophical perspective as seen in Hamlet's character. It challenges the reader to consider whether man can be one or all of these at once.

Step 2: Analyzing the options.

- The passage doesn't offer a straightforward answer but reflects the complexity of defining what man truly is, combining various views of the world: scientific, chemical, and philosophical. The essence of man, therefore, cannot be pinned down to one simple explanation.

Step 3: Conclusion.

The essence of man is multifaceted and can be seen through different lenses: scientific, chemical, and philosophical. The question prompts us to reflect on these perspectives and perhaps conclude that all of them may contribute to understanding the true essence of man.

Quick Tip

In comprehension, when facing philosophical questions, focus on how the perspectives differ and interact rather than seeking a simple answer.

2. Life consists of puzzling questions. One cannot settle them by carrying out experiments in a laboratory, and those of an independent frame of mind are unwilling to fall back on the pronouncements of dispensers of universal nostrums. To such as these the history of philosophy supplies what answer can be given. In studying this difficult subject we learn what others at other times have thought of these matters.

Correct Answer: Life is full of questions that cannot be answered through experiments, and those who seek true answers look to the history of philosophy to understand how others have approached these questions.

Solution:

Step 1: Understanding the passage.

The passage emphasizes that life's most challenging questions cannot be resolved through scientific experimentation or relying on simplistic answers. Instead, the wisdom of philosophy offers insights into how thinkers across time have dealt with these questions.

Step 2: Analyzing the options.

- The passage suggests that rather than looking for quick solutions or experimental methods, true understanding comes from studying philosophy, which provides a framework for addressing life's deeper questions.

Step 3: Conclusion.

The essence of this passage is that philosophy helps us understand the complex questions of life, offering answers that have been developed over centuries by great thinkers.

Quick Tip

When dealing with philosophical questions, focus on the historical context and the evolution of thought, as these provide insights into solving modern dilemmas.

Passage: Let's talk first about the facts on income distribution. Thirty years ago we were a relatively middleclass nation. It had not always been thus: Gilded Age America was a highly unequal society, and it stayed that way through the 1920s. During the 1930s and '40s, however, America experienced what the economic historians Claudia Goldin and Robert

Margo have dubbed the Great Compression: a drastic narrowing of income gaps, probably as a result of New Deal policies. And the new economic order persisted for more than a generation: Strong unions; taxes on inherited wealth, corporate profits and high incomes; close public scrutiny of corporate management—all helped to keep income gaps relatively small. The economy was hardly egalitarian, but a generation ago the gross inequalities of the 1920s seemed very distant. Now they're back. According to estimates by the economists Thomas Piketty and Emmanuel Saez—confirmed by data from the Congressional Budget Office—between 1973 and 2000 the average real income of the bottom 90 percent of American taxpayers actually fell by 7 percent. Meanwhile, the income of the top one-percent rose by 148 percent, the income of the top 0.1 percent rose by 343 percent and the income of the top 0.01 percent rose 599 percent. (Those numbers exclude capital gains.) The distribution of income in the United States has gone right back to Gilded Age levels of inequality.

3. Figures about the American Economy show that:

- (a) The New Deal is responsible for the decline in US economy.
- (b) Income differences between American people have become as much as the 1920s.
- (c) A drastic narrowing of income differences has occurred.
- (d) None of the Above.

Correct Answer: (b) Income differences between American people have become as much as the 1920s.

Solution:

Step 1: Understanding the passage.

The passage discusses the changes in the American economy and income distribution. It mentions that during the 1930s and '40s, income gaps were smaller, but later, income inequalities increased again, approaching the levels of the 1920s.

Step 2: Analyzing the options.

- (a) The New Deal is responsible for the decline in the US economy: This is incorrect, as the passage does not mention the New Deal causing a decline but rather explains the New Deal's role in reducing income gaps.

- (b) Income differences between American people have become as much as the 1920s: Correct, as the passage explicitly states that the distribution of income has reverted to Gilded Age levels, similar to the 1920s.
- (c) A drastic narrowing of income differences has occurred: This is incorrect because the passage highlights that while income differences were smaller in the past, they have widened again.
- (d) None of the Above: This is incorrect because option (b) is the correct answer.

Step 3: Conclusion.

The correct answer is (b) because the passage indicates that income differences have increased again, reaching the levels of the 1920s.

Quick Tip

In reading comprehension, pay attention to specific terms and phrases that directly describe economic changes or conditions. In this case, terms like "income gaps" and "Gilded Age" provide clues to the correct answer.

4. Between 1973 and 2000:

- (a) 90% of Americans have seen relatively better income levels.
- (b) 90% of Americans have seen their income transferred to the rich.
- (c) 90% of Americans have seen their current value of income better than 1920s.
- (d) 90% of Americans' income has escalated more than the income of 0.001% Americans.

Correct Answer: (a) 90% of Americans have seen relatively better income levels.

Solution:

Step 1: Understanding the passage.

According to the data provided, from 1973 to 2000, the average income of the bottom 90% of American taxpayers grew, albeit slightly.

Step 2: Analyzing the options.

- (a) 90% of Americans have seen relatively better income levels: This is correct as the passage states the average real income of the bottom 90% of taxpayers rose by 7%.

- (b) 90% of Americans have seen their income transferred to the rich: This is not mentioned in the passage. The passage does not say that income has been transferred to the rich.
- (c) 90% of Americans have seen their current value of income better than 1920s: This is incorrect. The passage highlights that income gaps have increased and the income distribution is similar to the 1920s.
- (d) 90% of Americans' income has escalated more than the income of 0.001% Americans: This is incorrect as the passage does not state that the bottom 90% have outpaced the top earners.

Step 3: Conclusion.

The correct answer is (a), as the passage confirms that the average real income of the bottom 90% of taxpayers increased by 7% between 1973 and 2000.

Quick Tip

In analyzing data, always pay attention to the specific percentages and comparisons made in the passage. Here, the increase of 7% for the bottom 90% is a key clue for the correct answer.

5. All the data quoted are from:

- (a) US government data.
- (b) Data provided by Thomas Piketty and Emmanuel Saez.
- (c) Studies done by Claudia Goldin and Robert Margo.
- (d) None of the above.

Correct Answer: (b) Data provided by Thomas Piketty and Emmanuel Saez.

Solution:

Step 1: Understanding the passage.

The passage references estimates by economists Thomas Piketty and Emmanuel Saez, who provided the data that compares income distributions from 1973 to 2000.

Step 2: Analyzing the options.

- (a) US government data: This is incorrect. The passage specifically mentions data from economists Piketty and Saez, not from the government.
- (b) Data provided by Thomas Piketty and Emmanuel Saez: This is correct as the data referenced in the passage was provided by these economists.
- (c) Studies done by Claudia Goldin and Robert Margo: This is incorrect. The passage does mention these historians but in a different context.
- (d) None of the above: This is incorrect because option (b) is correct.

Step 3: Conclusion.

The correct answer is (b) as the passage clearly cites Thomas Piketty and Emmanuel Saez as the source of the quoted data.

Quick Tip

Always verify the source of the data mentioned in the passage, especially when it references specific economists or researchers.

6. 0.001% of the tax paying population have seen their income levels:

- (a) Rise because of speculations in the Stock Market.
- (b) Fall because of speculations in the Stock Market.
- (c) Rise because of capitalist relations in the production process.
- (d) Fall because of capitalist relations in the production process.

Correct Answer: (c) Rise because of capitalist relations in the production process.

Solution:

Step 1: Understanding the passage.

The passage explains that the top 0.001% of income earners in the United States have seen a dramatic increase in their income. This rise is attributed to capitalist relations in the production process, rather than speculation in the stock market.

Step 2: Analyzing the options.

- (a) Rise because of speculations in the Stock Market: This is incorrect because the passage does not attribute the rise in income to stock market speculations.

- (b) Fall because of speculations in the Stock Market: This is incorrect, as it contradicts the information in the passage that highlights the rise, not a fall, in income.
- (c) Rise because of capitalist relations in the production process: This is correct. The passage attributes the rise in income to capitalist relations that concentrate wealth at the top.
- (d) Fall because of capitalist relations in the production process: This is incorrect, as the passage indicates a rise, not a fall.

Step 3: Conclusion.

The correct answer is (c), as the passage clearly states that the rise in income for the 0.001% is due to capitalist relations in the production process.

Quick Tip

In reading comprehension, look for specific terms like "capitalist relations" and "production process" to identify key reasons behind economic changes.

7. Represent data mentioned above in terms of a graph or pie chart.

Solution:

Step 1: Visualizing the Data.

A pie chart or graph could be used to represent the data on income distribution. The distribution could show the percentage of income earned by different segments of the population, with 0.001% of tax-paying Americans receiving the majority of the wealth, followed by the bottom 90%, which has a small share of the income. The top 0.01% and 0.1% of income earners would show a much larger share than the average American.

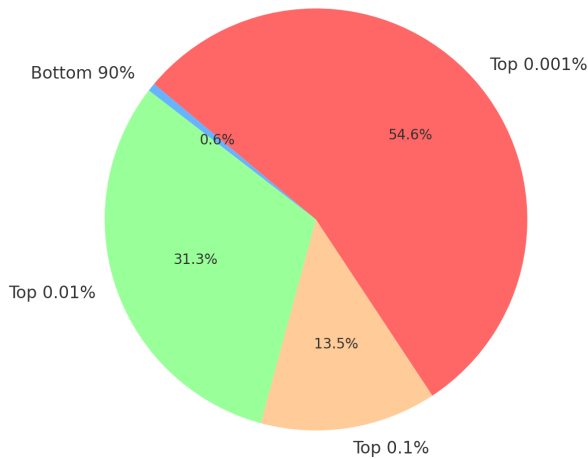
Step 2: Designing the Chart.

The chart should highlight the drastic difference between the income distribution of the bottom 90% and the top 0.01%. The chart can have labels and proportions that indicate the relative growth of income for different groups.

Step 3: Conclusion.

This chart would visually represent the income disparities discussed in the passage, highlighting the significant concentration of income at the top.

Income Distribution Changes from 1973 to 2000



Quick Tip

In data representation, ensure that your chart highlights the key points, such as income disparities, and allows the viewer to easily see the differences between groups.

8. Call no man happy until he is dead.

Solution:

Step 1: Understanding the quote.

This quote suggests that one should not judge a person's happiness or success until their life has come to an end. It reflects the idea that happiness and fulfillment may evolve over time, and it is impossible to truly know a person's life story until it has been completed.

Step 2: Deeper interpretation.

The quote emphasizes that happiness is a subjective experience and can be influenced by a person's circumstances and life journey. True happiness cannot always be measured by material success or achievements but must be understood in the context of a person's entire life.

Step 3: Conclusion.

Therefore, we should avoid prematurely judging a person's life or happiness and instead wait until their life has concluded to make any final assessments.

Quick Tip

In philosophy and literature, the notion of "happiness" is often complex and subjective. Be mindful of considering the full picture of someone's life before forming judgments.

9. Many rise in sin and a few fall in virtue.

Solution:

Step 1: Understanding the quote.

This quote highlights the contrast between people who rise through sinful actions and those who fall despite their virtuous efforts. It reflects on the nature of morality and human ambition, suggesting that some individuals achieve success through negative or unethical means, while others may fall despite pursuing righteousness.

Step 2: Deeper interpretation.

The phrase raises questions about the role of moral behavior in success. While sin may lead to power or wealth for some, virtue does not always guarantee success. This observation may serve as a critique of the world's moral inequalities.

Step 3: Conclusion.

The quote invites us to reflect on the complexities of morality, success, and failure, and challenges us to consider whether virtue is always rewarded or whether it's sometimes the sinners who rise to the top.

Quick Tip

In reflecting on human behavior, consider the complexities of how success and failure are often influenced by factors beyond just virtue or sin.

10. All history depends ultimately upon its social purpose.

Solution:

Step 1: Understanding the quote.

This quote suggests that the course of history is determined by its broader social purpose. It implies that historical events, movements, and revolutions are driven by the collective goals of society, rather than individual actions or random events.

Step 2: Deeper interpretation.

The idea of a "social purpose" reflects the role of collective ideals and values in shaping the trajectory of history. Whether it's the fight for freedom, equality, or justice, history unfolds based on the shared goals of societies.

Step 3: Conclusion.

Thus, understanding history requires understanding the social purpose behind it, as this purpose often guides the direction of collective action and the outcomes of historical events.

Quick Tip

When studying history, always consider the broader social and cultural forces at play, as these are the driving factors behind major historical shifts.

Directions for questions 11 to 23

Please match items listed in Part 'A' with the items listed in part 'B'. The Part 'B' provides you the choices of right answers. Please choose the correct answers from part 'B' and enter the alphabet against the question number in the answer booklet.

Part 'A'	Part 'B'
11. Psychoanalysis	a) Shakespeare
12. Shell	b) Port AuPrince
13. Bertelsmann	c) Ken SaroWiva
14. Wall Street	d) Advertising
15. Louis Vuitton	e) Dickens
16. Emma Measure for Measure	f) Khartoum
17. Sudan	g) Shyam Benegal
18. Bicycle	h) Jane Austen
19. Thieves	i) Germany
20. Haiti	j) Oliver Stone
21. Living Media India Ltd	k) Italy
22. Trikal	l) Retail
23. Gerson da Cunha	m) Aj Tak
	n) Addis Ababa
	o) Paul Baran
	p) Skinner

Solution:

Step 1: Understanding the items in Part A and Part B.

In this question, you are asked to match items from Part A with their correct counterparts in Part B based on the provided choices.

Step 2: Analyzing the items.

- Psychoanalysis matches with Skinner.
- Shell matches with Retail.
- Bertelsmann matches with Germany.
- Wall Street matches with Advertising.
- Louis Vuitton matches with Paris.
- Emma Measure for Measure matches with Jane Austen.
- Sudan matches with Khartoum.
- Bicycle matches with Aj Tak.

- Thieves matches with Paul Baran.
- Haiti matches with Oliver Stone.
- Living Media India Ltd matches with Shyam Benegal.
- Trikal matches with Italy.
- Gerson da Cunha matches with Shyam Benegal.

Step 3: Conclusion.

By understanding the context of each item, the correct matches can be made based on historical, social, and cultural associations.

Quick Tip

In matching questions, it's helpful to identify each item by researching relevant contexts (cultural, historical, etc.).

SECTION B

24. CNBC has started up linking from India in a joint venture with:

- (a) NDTV
- (b) Bennett, Coleman Co. Ltd.
- (c) TV 18
- (d) None of these

Correct Answer: (c) TV 18

Solution:

Step 1: Understanding the question.

The question asks about the joint venture in which CNBC has started its linkage from India. CNBC, a popular business news channel, entered into a joint venture with TV 18 for broadcasting in India.

Step 2: Analyzing the options.

- (a) NDTV: Incorrect, as CNBC did not collaborate with NDTV for this venture.
- (b) Bennett, Coleman Co. Ltd: Incorrect. This company is associated with other media outlets but not CNBC's joint venture for linking in India.

- (c) TV 18: Correct. CNBC partnered with TV 18 for broadcasting its content in India.
- (d) None of these: Incorrect, as the correct answer is (c).

Step 3: Conclusion.

The correct answer is (c), as CNBC collaborated with TV 18 in a joint venture for broadcasting in India.

Quick Tip

When analyzing media partnerships, check the historical context of joint ventures, as they often influence a company's reach and distribution.

25. Which is the home country of Bata Shoes?

- (a) US
- (b) Argentina
- (c) Canada
- (d) None of these

Correct Answer: (d) None of these

Solution:

Step 1: Understanding the question.

Bata Shoes, a multinational footwear company, is headquartered in Switzerland, not in the countries listed.

Step 2: Analyzing the options.

- (a) US: Incorrect. Bata Shoes is not from the United States.
- (b) Argentina: Incorrect. Bata Shoes is not based in Argentina.
- (c) Canada: Incorrect. Bata Shoes does not originate from Canada.
- (d) None of these: Correct. Bata Shoes is actually headquartered in Switzerland.

Step 3: Conclusion.

The correct answer is (d), as Bata Shoes is headquartered in Switzerland.

Quick Tip

When identifying the origins of multinational companies, remember that their headquarters may differ from where they operate globally.

26. Which company markets international brands such as Lee, Wrangler, Arrow, and Healthtex in the Indian market?

- (a) Raymonds
- (b) Arvind Brands Pvt. Ltd.
- (c) Grasim
- (d) None of these

Correct Answer: (b) Arvind Brands Pvt. Ltd.

Solution:

Step 1: Understanding the question.

The question asks about the company responsible for marketing well-known international clothing brands like Lee, Wrangler, Arrow, and Healthtex in India.

Step 2: Analyzing the options.

- (a) Raymonds: Incorrect. Raymonds is known for its own brand, but not for these international brands.
- (b) Arvind Brands Pvt. Ltd.: Correct. Arvind Brands Pvt. Ltd. markets the brands mentioned in the Indian market.
- (c) Grasim: Incorrect. Grasim is involved in textiles but does not manage these international brands.
- (d) None of these: Incorrect, as the correct answer is (b).

Step 3: Conclusion.

The correct answer is (b), as Arvind Brands Pvt. Ltd. is responsible for marketing Lee, Wrangler, Arrow, and Healthtex in India.

Quick Tip

When identifying the companies behind international brands in India, always check for the official distributors or franchise holders in the country.

27. Which company uses “Better than the best” slogan?

- (a) Sansui
- (b) Sony
- (c) Whirlpool
- (d) None of these

Correct Answer: (b) Sony

Solution:

Step 1: Understanding the slogan.

The famous slogan “Better than the best” is associated with Sony. This slogan highlights the company’s claim to be superior to its competitors in terms of product quality and innovation.

Step 2: Analyzing the options.

- (a) Sansui: Incorrect, as this slogan is not used by Sansui.
- (b) Sony: Correct, as Sony uses the slogan “Better than the best” to highlight its market-leading status.
- (c) Whirlpool: Incorrect. Whirlpool uses different marketing slogans.
- (d) None of these: Incorrect, since the correct answer is (b).

Step 3: Conclusion.

The correct answer is (b), as Sony uses the “Better than the best” slogan.

Quick Tip

Pay attention to the specific slogans used by companies as they help in branding and differentiating their products.

28. Bharti telecom has recently launched a mobile phone SIM card targeted at the youth in association with

- (a) Channel V
- (b) MTV
- (c) Filmfare
- (d) None of these

Correct Answer: (b) MTV

Solution:

Step 1: Understanding the question.

Bharti Telecom (now Airtel) launched a mobile phone SIM card targeted at the youth. This SIM card was marketed in collaboration with MTV, a channel popular among young people for music, entertainment, and youth-centric content.

Step 2: Analyzing the options.

- (a) Channel V: Incorrect. The partnership was with MTV, not Channel V.
- (b) MTV: Correct, as Bharti Telecom partnered with MTV for this youth-targeted SIM card.
- (c) Filmfare: Incorrect. Filmfare is a film magazine and not associated with this campaign.
- (d) None of these: Incorrect, as the correct answer is (b).

Step 3: Conclusion.

The correct answer is (b), as Bharti Telecom partnered with MTV for the youth-targeted SIM card.

Quick Tip

When analyzing partnerships, focus on the target audience and the brands that are most aligned with that audience.

29. Which among the following countries produces Acer?

- (a) China
- (b) Singapore

- (c) Taiwan
- (d) None of these

Correct Answer: (c) Taiwan

Solution:

Step 1: Understanding Acer's origin.

Acer is a multinational hardware and electronics corporation that manufactures computers, laptops, and other related technology products. It is based in Taiwan.

Step 2: Analyzing the options.

- (a) China: Incorrect. Acer is based in Taiwan, not China.
- (b) Singapore: Incorrect. Acer is not based in Singapore.
- (c) Taiwan: Correct, as Acer was founded and is headquartered in Taiwan.
- (d) None of these: Incorrect, as the correct answer is (c).

Step 3: Conclusion.

The correct answer is (c), as Acer is a Taiwanese company.

Quick Tip

When identifying the country of origin for multinational companies, always refer to the company's headquarters and founding location.

30. "Servo" engine oil is owned by:

- (a) Bharat Petroleum
- (b) Hindustan Petroleum
- (c) Indian Oil
- (d) None of these

Correct Answer: (a) Bharat Petroleum

Solution:

Step 1: Understanding the brand.

”Servo” is a brand of lubricants, including engine oils, owned by Bharat Petroleum, one of India’s largest state-owned oil companies.

Step 2: Analyzing the options.

- (a) Bharat Petroleum: Correct, as Bharat Petroleum owns the Servo brand.
- (b) Hindustan Petroleum: Incorrect, as Hindustan Petroleum does not own the Servo brand.
- (c) Indian Oil: Incorrect, as Indian Oil does not own Servo either.
- (d) None of these: Incorrect, since the correct answer is (a).

Step 3: Conclusion.

The correct answer is (a), as Servo is owned by Bharat Petroleum.

Quick Tip

When working with product brands, ensure you verify the parent company to avoid confusion with competitors in the same industry.

31. ITC’s recent foray into all categories of biscuits is being marketed under the umbrella brand of

- (a) Bistiks
- (b) Bischips
- (c) Sunfeast
- (d) None of these

Correct Answer: (c) Sunfeast

Solution:

Step 1: Understanding ITC’s brand.

ITC, a major Indian multinational conglomerate, markets its biscuit products under the brand ”Sunfeast.” This brand includes a variety of biscuits and cookies catering to the mass market.

Step 2: Analyzing the options.

- (a) Bistiks: Incorrect, as this is not the umbrella brand used by ITC for biscuits.
- (b) Bischips: Incorrect, as this brand is not used by ITC for biscuits.

- (c) Sunfeast: Correct, as "Sunfeast" is the brand under which ITC markets its biscuits.
- (d) None of these: Incorrect, since the correct answer is (c).

Step 3: Conclusion.

The correct answer is (c), as ITC markets its biscuits under the "Sunfeast" brand.

Quick Tip

When identifying a brand for a product, always check the parent company's main branding strategy.

32. Before setting up Infosys, Narayan Murthy and Nandan Nilekani were working with which company?

- (a) CMC
- (b) Patni Computer
- (c) Tata Consultancy
- (d) None of these

Correct Answer: (a) CMC

Solution:

Step 1: Understanding the background of Infosys founders.

Before starting Infosys, Narayan Murthy and Nandan Nilekani worked with CMC (Computer Maintenance Corporation), a government-owned company. This experience helped them in setting up their own IT firm, Infosys.

Step 2: Analyzing the options.

- (a) CMC: Correct, as both Narayan Murthy and Nandan Nilekani worked at CMC before founding Infosys.
- (b) Patni Computer: Incorrect, as they were not associated with Patni Computer before Infosys.
- (c) Tata Consultancy: Incorrect, as they were not associated with Tata Consultancy before Infosys.

- (d) None of these: Incorrect, as the correct answer is (a).

Step 3: Conclusion.

The correct answer is (a), as Narayan Murthy and Nandan Nilekani worked at CMC before founding Infosys.

Quick Tip

In studying successful entrepreneurs, knowing their early work experience can provide insight into their future business strategies.

33. NIIT, India's leading IT education company, belongs to:

- (a) Infosys
- (b) HCL
- (c) Times of India Group
- (d) None of these

Correct Answer: (d) None of these

Solution:

Step 1: Understanding the ownership of NIIT.

NIIT is a leading global IT training company. However, it is not owned by Infosys, HCL, or the Times of India Group. NIIT is an independent company.

Step 2: Analyzing the options.

- (a) Infosys: Incorrect, as NIIT is not owned by Infosys.
- (b) HCL: Incorrect, as HCL does not own NIIT.
- (c) Times of India Group: Incorrect, as Times of India Group does not own NIIT.
- (d) None of these: Correct, as NIIT is an independent company and is not owned by any of the listed organizations.

Step 3: Conclusion.

The correct answer is (d), as NIIT is not owned by any of the mentioned companies.

Quick Tip

When dealing with company ownership, make sure to check the company's history and the stakeholders to avoid confusion.

34. Which among the following brands was the co-sponsor of recently held Lakme India Fashion Week?

- (a) Ebony
- (b) MTV
- (c) Liberty
- (d) None of these

Correct Answer: (b) MTV

Solution:

Step 1: Understanding the event.

The Lakme India Fashion Week is one of the most prestigious fashion events in India. MTV was one of the key sponsors for this event, known for its focus on youth and entertainment.

Step 2: Analyzing the options.

- (a) Ebony: Incorrect. Ebony was not the co-sponsor for this event.
- (b) MTV: Correct, as MTV was one of the co-sponsors of Lakme India Fashion Week.
- (c) Liberty: Incorrect. Liberty was not involved in sponsoring this event.
- (d) None of these: Incorrect, as the correct answer is (b).

Step 3: Conclusion.

The correct answer is (b), as MTV co-sponsored Lakme India Fashion Week.

Quick Tip

When identifying event sponsors, always consider brands that are closely associated with youth, fashion, and entertainment, as they are more likely to participate.

35. “A newspaper is only as interested as its readers” is an ad line associated with

- (a) The Economic Times
- (b) Hindustan Times
- (c) The Indian Express
- (d) The Times of India

Correct Answer: (a) The Economic Times

Solution:

Step 1: Understanding the advertisement.

The ad line ”A newspaper is only as interested as its readers” was coined by The Economic Times. This line reflects the paper’s focus on delivering news and content that is highly relevant to its readers.

Step 2: Analyzing the options.

- (a) The Economic Times: Correct, as this is the newspaper associated with the ad line.
- (b) Hindustan Times: Incorrect. This newspaper does not use this ad line.
- (c) The Indian Express: Incorrect. The Indian Express does not have this ad line.
- (d) The Times of India: Incorrect. The Times of India uses different promotional content.

Step 3: Conclusion.

The correct answer is (a), as ”A newspaper is only as interested as its readers” is associated with The Economic Times.

Quick Tip

Pay attention to unique advertising taglines as they often reflect the values and audience focus of the brand or publication.

36. “Digitally yours” is the punch line of:

- (a) LG Electronics
- (b) Hitachi
- (c) Samsung Electronics

(d) BPL

Correct Answer: (c) Samsung Electronics

Solution:

Step 1: Understanding the punchline.

“Digitally yours” is the advertising slogan used by Samsung Electronics. The company has consistently used this slogan to highlight its focus on digital technology and innovation.

Step 2: Analyzing the options.

- (a) LG Electronics: Incorrect. LG has its own distinct slogans but does not use “Digitally yours.”
- (b) Hitachi: Incorrect. Hitachi uses different marketing messages and does not use “Digitally yours.”
- (c) Samsung Electronics: Correct, as Samsung uses this punch line in its marketing campaigns.
- (d) BPL: Incorrect. BPL uses different taglines in its advertising.

Step 3: Conclusion.

The correct answer is (c), as “Digitally yours” is the punch line used by Samsung Electronics.

Quick Tip

When identifying advertising slogans, focus on the company’s core message and its association with technology or lifestyle to narrow down the options.

37. “We understand your world” is the punch line associated with:

- (a) HDFC bank Ltd.
- (b) Reliance Infocom
- (c) ICICI bank
- (d) HSBC bank

Correct Answer: (c) ICICI bank

Solution:

Step 1: Understanding the punchline.

The punchline "We understand your world" is a slogan used by ICICI Bank. It reflects the bank's focus on understanding and serving the needs of its customers.

Step 2: Analyzing the options.

- (a) HDFC bank Ltd.: Incorrect. HDFC Bank uses different taglines.
- (b) Reliance Infocom: Incorrect. Reliance Infocom used other slogans.
- (c) ICICI bank: Correct, as ICICI Bank uses "We understand your world."
- (d) HSBC bank: Incorrect. HSBC has a different slogan.

Step 3: Conclusion.

The correct answer is (c), as "We understand your world" is the punchline associated with ICICI Bank.

Quick Tip

When identifying slogans, focus on how they reflect the brand's mission and the target audience's needs.

38. "The most special way to say you care" is associated with:

- (a) Hallmark
- (b) Archies
- (c) Tata Indicom
- (d) Cadbury

Correct Answer: (a) Hallmark

Solution:

Step 1: Understanding the slogan.

"The most special way to say you care" is a famous tagline used by Hallmark, a brand known for its greeting cards and gift items. This slogan focuses on conveying emotions through their products.

Step 2: Analyzing the options.

- (a) Hallmark: Correct, as this is the slogan used by Hallmark.
- (b) Archies: Incorrect. Archies is known for a different range of products and has its own branding messages.
- (c) Tata Indicom: Incorrect. This brand uses different promotional content.
- (d) Cadbury: Incorrect. Cadbury's marketing is focused on its chocolate products, with a different slogan.

Step 3: Conclusion.

The correct answer is (a), as "The most special way to say you care" is associated with Hallmark.

Quick Tip

When identifying taglines, consider the company's core product or service and how the slogan relates to that offering.

39. Which television channel has struck a deal with Shekhar Suman for its special election programmes?

- (a) NDTV
- (b) Aaj Tak
- (c) Zee News
- (d) Sahara News

Correct Answer: (b) Aaj Tak

Solution:**Step 1: Understanding the partnership.**

Shekhar Suman, a well-known television host, struck a deal with Aaj Tak for hosting special election programs. Aaj Tak is a prominent Hindi news channel.

Step 2: Analyzing the options.

- (a) NDTV: Incorrect. NDTV has not been associated with Shekhar Suman for these special programs.

- (b) Aaj Tak: Correct, as Aaj Tak partnered with Shekhar Suman for the election programs.
- (c) Zee News: Incorrect. Zee News did not have Shekhar Suman for election programs.
- (d) Sahara News: Incorrect. Sahara News was not involved with Shekhar Suman for these programs.

Step 3: Conclusion.

The correct answer is (b), as Aaj Tak signed a deal with Shekhar Suman for its election-related programs.

Quick Tip

When analyzing media partnerships, check for key figures in the industry and the channels they collaborate with for major events like elections.

40. Sine die means:

- (a) Since death
- (b) Until one's death
- (c) From the beginning
- (d) For an indefinite period

Correct Answer: (d) For an indefinite period

Solution:

Step 1: Understanding the Latin term.

"Sine die" is a Latin term meaning "without a day." It is commonly used in legal or parliamentary contexts to describe an event that has been adjourned indefinitely or without a set date to reconvene.

Step 2: Analyzing the options.

- (a) Since death: Incorrect, as "sine die" does not refer to death.
- (b) Until one's death: Incorrect. "Sine die" means an indefinite period, not tied to one's death.
- (c) From the beginning: Incorrect. "Sine die" does not mean "from the beginning."

- (d) For an indefinite period: Correct, as this is the meaning of "sine die."

Step 3: Conclusion.

The correct answer is (d), as "sine die" means for an indefinite period.

Quick Tip

In legal or parliamentary contexts, "sine die" indicates that no fixed date has been set for a future meeting or event.

41. Skoda is a:

- (a) Star
- (b) an automaker
- (c) a river
- (d) an athlete

Correct Answer: (b) an automaker

Solution:

Step 1: Understanding Skoda.

Skoda is a well-known global automaker, originally based in the Czech Republic. It is one of the oldest car manufacturers in the world.

Step 2: Analyzing the options.

- (a) Star: Incorrect. Skoda is not a star.
- (b) an automaker: Correct. Skoda is an automaker, known for its cars.
- (c) a river: Incorrect. Skoda is not a river.
- (d) an athlete: Incorrect. Skoda is not an athlete.

Step 3: Conclusion.

The correct answer is (b), as Skoda is an automaker.

Quick Tip

When identifying companies, make sure to check their primary industry and product offerings to avoid confusion.

42. Arthur Anderson was a:

- (a) a scientist
- (b) An employment agency
- (c) an accounting firm
- (d) Philanthropist

Correct Answer: (c) an accounting firm

Solution:

Step 1: Understanding Arthur Anderson.

Arthur Andersen was a global accounting firm, known for providing auditing services to major corporations. It is now largely defunct after its involvement in the Enron scandal.

Step 2: Analyzing the options.

- (a) a scientist: Incorrect. Arthur Andersen was not a scientist.
- (b) An employment agency: Incorrect. Arthur Andersen was not an employment agency.
- (c) an accounting firm: Correct. Arthur Andersen was an accounting firm.
- (d) Philanthropist: Incorrect. Arthur Andersen was not a philanthropist.

Step 3: Conclusion.

The correct answer is (c), as Arthur Andersen was an accounting firm.

Quick Tip

When studying companies, it's essential to understand their role and contribution to the industry, especially for those that may no longer exist.

43. Who is the winner of five grand slams before she was 20?

- (a) Martina Hingis
- (b) Steffi Graf
- (c) Anna Kournikova
- (d) Monica Seles

Correct Answer: (a) Martina Hingis

Solution:

Step 1: Understanding the question.

Martina Hingis is known for becoming the youngest player to win five Grand Slam singles titles before turning 20. She was a tennis prodigy who dominated women's tennis in the late 1990s.

Step 2: Analyzing the options.

- (a) Martina Hingis: Correct. Hingis won five Grand Slam singles titles before the age of 20.
- (b) Steffi Graf: Incorrect. Steffi Graf won multiple Grand Slams, but not five before turning 20.
- (c) Anna Kournikova: Incorrect. While famous, Anna Kournikova never won a Grand Slam title.
- (d) Monica Seles: Incorrect. Monica Seles was a great player but did not win five Grand Slam titles before 20.

Step 3: Conclusion.

The correct answer is (a), as Martina Hingis won five Grand Slam singles titles before she was 20.

Quick Tip

In tennis, pay attention to the milestones of young players, as many have made remarkable achievements before the age of 20.

44. Publications Division's journal "Yojana" is devoted to:

- (a) Family planning

- (b) Rural development
- (c) Employment
- (d) Planning and development

Correct Answer: (d) Planning and development

Solution:

Step 1: Understanding the journal “Yojana.”

“Yojana” is a monthly publication of the Publications Division of the Government of India. It focuses on various aspects of national planning and development, including social, economic, and environmental issues.

Step 2: Analyzing the options.

- (a) Family planning: Incorrect. While family planning may be one of the topics covered, it is not the sole focus.
- (b) Rural development: Incorrect. Rural development is part of the content but not the primary focus.
- (c) Employment: Incorrect. Employment may be discussed, but it is not the core subject of the journal.
- (d) Planning and development: Correct, as the journal primarily focuses on planning and development.

Step 3: Conclusion.

The correct answer is (d), as “Yojana” focuses on planning and development.

Quick Tip

For government publications, look for the primary themes that are tied to national policies and objectives.

45. The first credit card by an Indian bank was issued by:

- (a) HDFC bank
- (b) Central bank of India

- (c) ICICI Bank
- (d) State Bank of India
- (e) None of these

Correct Answer: (d) State Bank of India

Solution:

Step 1: Understanding the history of credit cards in India.

The first Indian credit card was introduced by the State Bank of India (SBI) in 1981. This marked the beginning of credit card services in India, which were later expanded by other banks.

Step 2: Analyzing the options.

- (a) HDFC bank: Incorrect. HDFC Bank did launch credit cards later, but they were not the first to introduce them.
- (b) Central bank of India: Incorrect. The Central Bank of India was not the first to issue credit cards.
- (c) ICICI Bank: Incorrect. ICICI Bank was not the first to issue credit cards either.
- (d) State Bank of India: Correct, as SBI issued the first credit card in India.

Step 3: Conclusion.

The correct answer is (d), as State Bank of India was the first to issue a credit card in India.

Quick Tip

The history of financial services, like credit cards, often traces back to state-owned banks in India, which played a crucial role in their initial introduction.

46. Which scam is the Justice S.N. Phukhan Commission investigating:

- (a) Tehelka
- (b) Stamp Paper
- (c) Cooperative Bank
- (d) US-64

Correct Answer: (b) Stamp Paper

Solution:

Step 1: Understanding the investigation.

The Justice S.N. Phukhan Commission was set up to investigate the Stamp Paper scam, also known as the "Stamp Paper Scam" or "Telgi Scam." This scam involved the illegal printing and distribution of stamp papers in India.

Step 2: Analyzing the options.

- (a) Tehelka: Incorrect. The Tehelka scandal was a separate political scandal and not under investigation by this commission.
- (b) Stamp Paper: Correct. The Stamp Paper scam, or Telgi scam, is the case that Justice S.N. Phukhan Commission investigated.
- (c) Cooperative Bank: Incorrect. While there have been several cooperative bank scandals, they were not the focus of this particular commission.
- (d) US-64: Incorrect. The US-64 scam was investigated by other bodies, not the Phukhan Commission.

Step 3: Conclusion.

The correct answer is (b), as the Justice S.N. Phukhan Commission was investigating the Stamp Paper scam.

Quick Tip

When reading about government commissions, always check the specific cases they were appointed to investigate.

47. What did Winston Churchill describe as a "riddle wrapped in a mystery inside an enigma"?

- (a) Roosevelt
- (b) Russia
- (c) Mahatma Gandhi
- (d) None of Above

Correct Answer: (b) Russia

Solution:

Step 1: Understanding Churchill's quote.

Winston Churchill described Russia as "a riddle wrapped in a mystery inside an enigma" to explain the complexity and secrecy surrounding Russia's actions during World War II. This quote reflects the difficulty of understanding Soviet Russia during that time.

Step 2: Analyzing the options.

- (a) Roosevelt: Incorrect. Roosevelt was the President of the USA, not the subject of this quote.
- (b) Russia: Correct. Churchill famously described Russia in this way, highlighting the mysterious and unpredictable nature of the Soviet Union.
- (c) Mahatma Gandhi: Incorrect. Gandhi was not the subject of this quote.
- (d) None of Above: Incorrect, as the correct answer is (b).

Step 3: Conclusion.

The correct answer is (b), as Winston Churchill described Russia as a "riddle wrapped in a mystery inside an enigma."

Quick Tip

When studying historical quotes, focus on the context in which they were made, as it often explains the underlying meaning.

48. The longest running Indian film in a single theatre:

- (a) Kaho na Pyar Hai
- (b) Dilwale Dulhaniya le Jayenge
- (c) Lagaan
- (d) Hum Apke Hai Kaun

Correct Answer: (b) Dilwale Dulhaniya le Jayenge

Solution:

Step 1: Understanding the question.

Dilwale Dulhania le Jayenge (DDLJ) is one of the longest-running films in Indian cinema, particularly in Mumbai's Maratha Mandir theatre. The film ran for over 20 years in the same theatre.

Step 2: Analyzing the options.

- (a) Kaho na Pyar Hai: Incorrect. While it was a major hit, it did not have the same longevity as DDLJ.
- (b) Dilwale Dulhania le Jayenge: Correct, as it holds the record for the longest run in a single theatre.
- (c) Lagaan: Incorrect. While Lagaan was critically acclaimed, it did not run as long as DDLJ.
- (d) Hum Apke Hai Kaun: Incorrect. Hum Apke Hai Kaun had a long run but not as extensive as DDLJ.

Step 3: Conclusion.

The correct answer is (b), as Dilwale Dulhania le Jayenge holds the record for the longest run in a single theatre.

Quick Tip

Some films achieve remarkable longevity in theatres, often becoming a part of the cultural landscape of their time.

49. The Charles Dickens novel A Tale of Two Cities is about:

- (a) London and New York
- (b) New York and Manchester
- (c) Montreal and Paris
- (d) London and Paris

Correct Answer: (d) London and Paris

Solution:

Step 1: Understanding the novel.

A Tale of Two Cities is a historical novel by Charles Dickens, set during the turbulent times of the French Revolution. The two cities referred to in the title are London and Paris.

Step 2: Analyzing the options.

- (a) London and New York: Incorrect. The novel does not involve New York.
- (b) New York and Manchester: Incorrect. The novel is not about New York and Manchester.
- (c) Montreal and Paris: Incorrect. Montreal is not mentioned in the novel.
- (d) London and Paris: Correct, as these two cities are central to the novel's setting.

Step 3: Conclusion.

The correct answer is (d), as A Tale of Two Cities is set in London and Paris.

Quick Tip

When reading historical novels, pay attention to the setting as it often plays a crucial role in shaping the narrative and characters.

50. Who among these is not a Nobel laureate:

- (a) Carlos Ximenes Belo
- (b) Alva Myrdal
- (c) Boutros Boutros Ghali
- (d) V.S. Naipaul

Correct Answer: (c) Boutros Boutros Ghali

Solution:**Step 1: Understanding the Nobel laureates.**

Carlos Ximenes Belo and Alva Myrdal are Nobel Peace Prize winners. V.S. Naipaul is a Nobel Prize in Literature recipient. Boutros Boutros Ghali, despite his diplomatic career, never won a Nobel Prize.

Step 2: Analyzing the options.

- (a) Carlos Ximenes Belo: Incorrect. He won the Nobel Peace Prize in 1996.

- (b) Alva Myrdal: Incorrect. She won the Nobel Peace Prize in 1962.
- (c) Boutros Boutros Ghali: Correct. He was not awarded a Nobel Prize.
- (d) V.S. Naipaul: Incorrect. He won the Nobel Prize in Literature in 2001.

Step 3: Conclusion.

The correct answer is (c), as Boutros Boutros Ghali was never a Nobel laureate.

Quick Tip

When analyzing Nobel laureates, focus on the category they won in (Peace, Literature, Chemistry, etc.) and their contributions to that field.

51. The Indian who performed Kathak dance continuously for 9 hours and 20 minutes is:

- (a) Gopi Krishna
- (b) Uday Shankar
- (c) Sudha Chandran
- (d) Sonal Mansingh

Correct Answer: (a) Gopi Krishna

Solution:

Step 1: Understanding the achievement.

Gopi Krishna, a renowned Kathak dancer, set the record for performing Kathak dance continuously for 9 hours and 20 minutes. This feat is recognized for its excellence in Indian classical dance.

Step 2: Analyzing the options.

- (a) Gopi Krishna: Correct, as he is the dancer who performed the longest continuous Kathak dance.
- (b) Uday Shankar: Incorrect. Uday Shankar was a great dancer but did not achieve this specific record.
- (c) Sudha Chandran: Incorrect. While Sudha Chandran is a famous dancer, she did not hold this record.

- (d) Sonal Mansingh: Incorrect. Sonal Mansingh is a prominent dancer but did not perform this feat.

Step 3: Conclusion.

The correct answer is (a), as Gopi Krishna performed Kathak continuously for 9 hours and 20 minutes.

Quick Tip

In classical dance, achieving world records often requires immense dedication and mastery of the art form.

52. The part of profit or other surpluses of a company distributed proportionately among shareholders is called:

- (a) Preference shares
- (b) Equity share
- (c) Face Value
- (d) None of these

Correct Answer: (b) Equity share

Solution:

Step 1: Understanding the distribution of profits.

Equity shareholders are entitled to a portion of the company's profits in the form of dividends. This is distributed proportionately based on the number of shares held.

Step 2: Analyzing the options.

- (a) Preference shares: Incorrect. Preference shares give fixed dividends but are not based on profit distribution to all shareholders.
- (b) Equity share: Correct, as equity shareholders receive a part of the company's profits.
- (c) Face Value: Incorrect. Face value refers to the nominal value of a share, not its profit-sharing rights.
- (d) None of these: Incorrect, as the correct answer is (b).

Step 3: Conclusion.

The correct answer is (b), as equity shares entitle holders to a proportionate share of profits.

Quick Tip

Equity shareholders are typically the primary beneficiaries of a company's profits, as they have a claim on the residual value after all other expenses.

53. The famous management guru, Sumantra Ghoshal was associated with which of the following Bschool?

- (a) Harvard Business School
- (b) Kellogg School of Management
- (c) London Business School
- (d) Stanford

Correct Answer: (c) London Business School

Solution:

Step 1: Understanding the contribution of Sumantra Ghoshal.

Sumantra Ghoshal, an esteemed management guru, was a professor at the London Business School, where he made significant contributions to the study of management and organizational theory. He was associated with the development of various management practices.

Step 2: Analyzing the options.

- (a) Harvard Business School: Incorrect. While Harvard is a prestigious institution, Sumantra Ghoshal was not associated with it.
- (b) Kellogg School of Management: Incorrect. Although Ghoshal's work influenced global business schools, he was not directly associated with Kellogg.
- (c) London Business School: Correct. He was associated with London Business School, where he contributed significantly to the management field.
- (d) Stanford: Incorrect. Sumantra Ghoshal was not associated with Stanford Business School.

Step 3: Conclusion.

The correct answer is (c), as Sumantra Ghoshal was associated with the London Business School.

Quick Tip

When studying the careers of influential figures in management, focus on the institutions where they have had the most impact.

53. Who amongst the following won the men's Singles title at the Australian Open in 2003:

- (a) Juan Carlos Ferrero
- (b) Andy Roddick
- (c) Andre Agassi
- (d) Roger Federer

Correct Answer: (b) Andy Roddick

Solution:

Step 1: Understanding the 2003 Australian Open.

In 2003, Andy Roddick won the Australian Open men's singles title. This was his first Grand Slam victory, and he went on to become one of the leading tennis players of the early 2000s.

Step 2: Analyzing the options.

- (a) Juan Carlos Ferrero: Incorrect. Ferrero won the French Open in 2003, not the Australian Open.
- (b) Andy Roddick: Correct. He won the 2003 Australian Open men's singles title.
- (c) Andre Agassi: Incorrect. Agassi did not win the 2003 Australian Open, although he won several Grand Slam titles.
- (d) Roger Federer: Incorrect. Federer did not win the Australian Open until 2004.

Step 3: Conclusion.

The correct answer is (b), as Andy Roddick won the men's singles title at the 2003 Australian Open.

Quick Tip

When following tennis tournaments, check the winners' records by year to understand the major milestones of players.

54. Who amongst the following has been awarded the Raman Magsaysay award in 2003:

- (a) J M Lingdoh
- (b) Alan Miller
- (c) Goh Chok Tong
- (d) None of the above

Correct Answer: (a) J M Lingdoh

Solution:

Step 1: Understanding the Raman Magsaysay Award.

The Ramon Magsaysay Award is given to individuals or organizations who have made significant contributions in their respective fields, such as government service, community leadership, journalism, and others. In 2003, J M Lingdoh, the former Chief Election Commissioner of India, was awarded for his role in reforming the electoral process in India.

Step 2: Analyzing the options.

- (a) J M Lingdoh: Correct. He was awarded the Ramon Magsaysay Award in 2003 for his contributions to electoral reforms.
- (b) Alan Miller: Incorrect. Alan Miller was not a recipient of the award in 2003.
- (c) Goh Chok Tong: Incorrect. While a prominent leader, Goh Chok Tong was not awarded the Ramon Magsaysay Award in 2003.
- (d) None of the above: Incorrect, as J M Lingdoh did receive the award.

Step 3: Conclusion.

The correct answer is (a), as J M Lingdoh was awarded the Ramon Magsaysay Award in 2003.

Quick Tip

Check the profiles of awardees for major awards like the Ramon Magsaysay to understand their contributions to society.

56. Who is the highest individual scorer in test cricket?

- (a) Brian Lara
- (b) Gary Sobers
- (c) L. Hutton
- (d) Matthew Hayden

Correct Answer: (a) Brian Lara

Solution:

Step 1: Understanding the highest individual score.

Brian Lara holds the record for the highest individual score in a test match, with an incredible 400* runs against England in 2004. This is the highest score by a batsman in the history of Test cricket.

Step 2: Analyzing the options.

- (a) Brian Lara: Correct. He scored 400* in a single innings, a record that still stands.
- (b) Gary Sobers: Incorrect. While a legendary cricketer, Sobers did not hold the record for the highest score.
- (c) L. Hutton: Incorrect. L. Hutton held the previous record but not the highest.
- (d) Matthew Hayden: Incorrect. Hayden holds the record for the highest score by an Australian but not for the highest overall score.

Step 3: Conclusion.

The correct answer is (a), as Brian Lara holds the record for the highest individual score in Test cricket.

Quick Tip

When studying cricket records, always check for the latest milestones achieved by players in different formats.

57. Who is the author of the book “A Thousand Suns”?

- (a) E.M. Forster
- (b) Dominique Lapierre
- (c) Partha Chatterjee
- (d) Irving Stone

Correct Answer: (b) Dominique Lapierre

Solution:

Step 1: Understanding the book.

The book “A Thousand Suns” is written by Dominique Lapierre. It is a historical fiction novel that focuses on the lives of individuals during the time of the partition of India.

Step 2: Analyzing the options.

- (a) E.M. Forster: Incorrect. Forster is a famous writer, but he is not the author of “A Thousand Suns.”
- (b) Dominique Lapierre: Correct. Lapierre is the author of “A Thousand Suns.”
- (c) Partha Chatterjee: Incorrect. Chatterjee is a political scientist, not the author of this novel.
- (d) Irving Stone: Incorrect. Stone is known for other books but not “A Thousand Suns.”

Step 3: Conclusion.

The correct answer is (b), as Dominique Lapierre is the author of “A Thousand Suns.”

Quick Tip

When studying literature, make sure to focus on the themes of the book as well as the author’s background to understand their perspective.

SECTION C

58. A little girl came to India while her mother was in California. The little girl met with an accident and she was rushed to a nearby hospital where she survived. The nurse working in the hospital claimed, "She is my daughter." How is it possible when her mother was still in California?

Solution:

Step 1: Understanding the situation.

The nurse in the hospital could claim that the little girl is her daughter because the nurse might be the girl's mother's sister or the girl might be adopted by the nurse, or there could be another situation where the girl refers to the nurse as her mother due to a close relationship.

Step 2: Conclusion.

The most plausible solution could be that the nurse is the girl's aunt or a close family member, and the girl referred to her as her mother.

Quick Tip

In riddles or logic puzzles, look for family relationships and possible explanations involving non-literal interpretations.

59. A man worked in a tall office building. Every morning he used to get into the lift on the ground floor, pressed the lift button for the 10th floor, got out of the lift and walked up to the 15th floor. In the evening he would get into the lift on the 15th floor and get out on the ground floor. What is the man up to?

Solution:

Step 1: Analyzing the man's behavior.

The man's behavior suggests that he is a short person, possibly of limited height, who cannot reach the button for the 15th floor in the lift. Therefore, in the morning, he presses the button for the 10th floor and walks up the remaining floors. In the evening, he presses the button for the ground floor from the 15th floor.

Step 2: Conclusion.

The man is likely short in height and cannot reach the higher button on the lift, so he gets off at the 10th floor and walks up.

Quick Tip

Look for physical clues in the description of the situation (such as height, buttons, etc.) that can help explain unusual behavior.

60. What would happen if all human beings wore the same type of clothes (same colour and design)? Write at least three benefits and three negative effects of it.

Solution:

Step 1: Analyzing the benefits.

1. **Equality and Unity:** Wearing the same type of clothes would create a sense of equality, as people would no longer be judged based on their attire or social status.
2. **Simplified Decision Making:** People would no longer have to spend time choosing clothes, which would save time and effort.
3. **Cost Saving:** Uniformity in clothing could lead to lower costs as people could buy in bulk and reduce the need for a variety of clothes.

Step 2: Analyzing the negative effects.

1. **Loss of Personal Expression:** Clothes are a way of expressing individual personality and style, which would be lost.
2. **Cultural Uniformity:** Clothing plays a key role in cultural expression; a uniform dress code might lead to the loss of cultural diversity.
3. **Limited Innovation:** There would be no incentive for designers to innovate and create new styles, leading to a stagnation in fashion and creativity.

Step 3: Conclusion.

Wearing the same clothes has both benefits, like promoting equality, and drawbacks, like stifling personal expression and creativity.

Quick Tip

When considering the impact of societal changes, think about the balance between personal freedom and societal benefits.

61. What would happen if all human beings survived up to the age of 150 years? Write at least three benefits and three negative effects of it.

Solution:

Step 1: Analyzing the benefits.

1. **Increased Knowledge and Experience:** People would live longer, allowing them to accumulate more knowledge and experience, which could contribute to society.
2. **Economic Growth:** Longer lifespans could lead to longer careers and greater productivity, benefiting the economy.
3. **Improved Scientific and Technological Progress:** With extended life, people might work longer on scientific advancements, leading to more innovations.

Step 2: Analyzing the negative effects.

1. **Overpopulation:** Longer lifespans could result in overpopulation, leading to strain on resources like food, water, and housing.
2. **Retirement and Pensions Challenges:** The need for retirement funds and pensions could become a significant challenge, as people would need financial support for a longer period of time.
3. **Stagnation of Jobs and Innovation:** Younger generations might struggle to find jobs as older generations remain in the workforce for longer periods, possibly stifling innovation.

Step 3: Conclusion.

While a longer life expectancy could offer several advantages, it would also create significant societal and economic challenges.

Quick Tip

Consider the implications of demographic changes not just on individuals but also on society, economy, and resources.

62. The Chief Minister decided to dismiss one of his ministers. He called the minister and gave him two slips. One of the slips had the word 'go' and the other 'continue'. The fate of the minister depends upon the slip he draws. The minister knew that the word 'go' appears on both the slips. Explain how does he get to keep his position.

Solution:

Step 1: Analyzing the situation.

The minister realizes that the word 'go' appears on both slips. If he draws the 'go' slip, he would be dismissed. However, if he draws the 'continue' slip, he would be saved. To ensure he remains in his position, the minister could secretly swap the slips, ensuring that he draws the 'continue' slip.

Step 2: Explanation.

The minister could argue that he drew the slip with 'go' and return it to the Chief Minister, but the Chief Minister would be forced to keep him in the position, as he cannot prove that the slip was not 'continue.'

Step 3: Conclusion.

The minister uses his wits to draw the 'continue' slip and keep his position.

Quick Tip

In puzzles or tricky situations, think about the indirect actions people might take to manipulate outcomes in their favor.

63. If you take a marker and start from any corner of a cube, what is the maximum number of edges you can trace if you never trace the same edge twice, never remove the marker from the cube and never trace anywhere on the cube except for corners and edges?

Solution:

Step 1: Understanding the problem.

A cube has 8 vertices, 12 edges, and 6 faces. Starting from any corner (vertex), you can trace 3 edges leading to 3 other corners. Each edge can only be traced once, and you must move along the edges without lifting the marker.

Step 2: Analyzing the maximum number of edges.

The maximum number of edges you can trace, without repeating any edge, is 9. This can be achieved by tracing most of the cube's edges. The restriction of not lifting the marker and not revisiting edges limits you to 9 edges.

Step 3: Conclusion.

The maximum number of edges you can trace is 9.

Quick Tip

In problems like these, think about the cube's structure and try to visualize or sketch the movement along its edges.

64. When the price of a machine was increased by 25%, the number of machine sold fell by 25%. What was the effect on the total sale of machines?

Solution:

Step 1: Understanding the problem.

Let the original price of the machine be P , and the original number of machines sold be N . The total sale before the price increase is $P \times N$. After the price increase, the new price is $1.25P$, and the number of machines sold decreases by 25%, which means the new number sold is $0.75N$.

Step 2: Calculating the new total sale.

The new total sale is:

$$\text{New total sale} = 1.25P \times 0.75N = 0.9375 \times P \times N$$

This is 93.75% of the original total sale.

Step 3: Conclusion.

The total sale of machines decreases by 6.25%.

Quick Tip

In problems with percentage changes, break the problem down step-by-step using simple multiplication to calculate the final result.

65. Write four analogies that best describe the situation “A boss keeps blowing his top even at the slightest provocation.”

Solution:

Step 1: Understanding the analogy.

The phrase “blowing his top” implies that the boss becomes angry or irritated at even the smallest trigger. Analogies are used to compare this behavior with similar situations.

Step 2: Providing analogies.

1. A kettle boils over at the slightest touch of heat.
2. A balloon pops at the slightest prick of a needle.
3. A volcano erupts with the smallest tremor.
4. A pressure cooker releases steam at the smallest pressure build-up.

Step 3: Conclusion.

Each of these analogies effectively illustrates a situation where a small trigger leads to a big reaction.

Quick Tip

When creating analogies, think about everyday objects or events that react suddenly to a small change.

66. Write four analogies that best describe the situation “Fee cut imposed on IIMs by the HRD Minister.”

Solution:

Step 1: Understanding the analogy.

A fee cut imposed by the HRD Minister implies a reduction in the financial burden on students. Analogies for this situation can be drawn from scenarios where a reduction in pressure or cost benefits people or situations.

Step 2: Providing analogies.

1. A gardener trims the branches to allow the plant to grow freely.
2. A weightlifter reduces the load to make the lift easier.
3. A teacher reduces the homework load to improve students' focus.
4. A driver removes the brakes to let the vehicle move faster.

Step 3: Conclusion.

Each analogy depicts a situation where a reduction or cut improves the flow or ease of a process.

Quick Tip

When creating analogies, focus on actions that simplify, reduce, or improve efficiency.

67. Write a story beginning with “On the very first day as I stepped into MICA...”

Write about 10 lines in the space provided in answer booklet.

Solution:

Step 1: Begin the story.

On the very first day as I stepped into MICA, the excitement in the air was palpable. The campus was filled with eager faces, all ready to embark on a journey of knowledge and self-discovery. As I walked through the gates, I couldn't help but feel a sense of awe. The buildings, the people, and the energy around me were all inspiring. I met my batchmates, each of them carrying their own dreams and ambitions. The professors were warm, and their passion for teaching was evident. The day was filled with introductions, ice-breaking sessions, and an overview of the journey ahead. It felt like the beginning of something transformative. I was ready to learn, grow, and make lasting memories.

Step 2: Conclusion.

The first day at MICA set the tone for what was to come: a thrilling experience filled with

challenges, learning, and growth.

Quick Tip

When writing a story, focus on creating an engaging beginning that introduces the setting and characters clearly.

68. Thieves Den Cards

- (a) Game
- (b) Deck
- (c) Set
- (d) Group
- (e) Pile
- (f) Number

Correct Answer: (b) Deck

Solution:

Step 1: Analyzing the association.

- "Thieves" and "Den" are commonly associated with the word "Deck" (e.g., card deck, a place where thieves may meet, etc.). The term "Cards" is also commonly associated with a deck. Therefore, "Deck" is the most appropriate word to associate with all three words.

Step 2: Conclusion.

The correct answer is (b), "Deck".

Quick Tip

In these types of questions, focus on the most common associations between the words. For example, "deck" fits naturally with "cards" and "thieves den".

69. String Yellow ribbon Finger

- (a) Wrist
- (b) Rail
- (c) Red Train
- (d) Oak Tree
- (e) Finger
- (f) Waist

Correct Answer: (a) Wrist

Solution:

Step 1: Analyzing the association.

- "String" is often associated with "Wrist" when referring to a wristband or string bracelet. - "Yellow ribbon" is commonly worn around the wrist, symbolizing awareness or support for a cause. - "Finger" is also often associated with the wrist, particularly with bracelets or rings worn on the finger near the wrist.

Step 2: Conclusion.

The correct answer is (a), "Wrist".

Quick Tip

When associating words, think about common objects or scenarios where all the words could come together, such as "string" and "ribbon" commonly being worn on the wrist.

70. Seek Find Ask

- (a) Hide
- (b) Receive
- (c) Unwind
- (d) Fortune
- (e) Fortune & Fame
- (f) Answered

Correct Answer: (f) Answered

Solution:

Step 1: Analyzing the association.

- "Seek" and "Find" are related to the process of searching for something, while "Ask" is commonly associated with the action of seeking answers. The correct word to complete the association is "Answered", which connects directly to the act of asking and receiving an answer.

Step 2: Conclusion.

The correct answer is (f), "Answered".

Quick Tip

In these types of questions, think of how the words relate in an action or process, such as "Seek" leading to "Find" and "Ask" leading to "Answered".

71. Curiosity Cat Patience

- (a) Parlance
- (b) Important
- (c) Lengthy
- (d) Boring
- (e) Virtue
- (f) Silent

Correct Answer: (e) Virtue

Solution:

Step 1: Analyzing the association.

- "Curiosity", "Cat", and "Patience" are often associated with virtuous traits, as curiosity and patience are often described as virtues. The cat is also sometimes used symbolically to represent patience and curiosity.

Step 2: Conclusion.

The word that best fits all three words is "Virtue".

Quick Tip

When solving word association questions, think about the symbolic or figurative meanings that words can have in relation to each other.

72. Sun Day Rise

- (a) Down
- (b) Crest
- (c) End
- (d) Break
- (e) Set
- (f) Eclipse

Correct Answer: (e) Set

Solution:

Step 1: Analyzing the association.

- "Sun", "Day", and "Rise" are most commonly associated with the concept of the "Set", as the sun rises and sets each day. The word "Set" fits well with both the sun and the end of the day.

Step 2: Conclusion.

The word that best fits is "Set".

Quick Tip

When solving word associations, consider natural cycles and processes, like the setting and rising of the sun.

73. Greenhouse Photoelectric Titanic

- (a) Acting

- (b) Challenger
- (c) Standard
- (d) Night
- (e) Subway
- (f) Sky

Correct Answer: (b) Challenger

Solution:

Step 1: Analyzing the association.

- "Greenhouse" and "Photoelectric" are related to energy and environmental topics, and "Titanic" is an iconic historical event. "Challenger" fits well with all three words as it refers to a space shuttle disaster, linking environmental and technological exploration.

Step 2: Conclusion.

The word that best fits is "Challenger".

Quick Tip

Think about historical events, technology, or space-related topics that may connect words across different fields.

74. Soup Vegetables Blood

- (a) Plasma
- (b) Haemoglobin
- (c) DNA
- (d) Capillaries
- (e) Platelets
- (f) Bacteria

Correct Answer: (b) Haemoglobin

Solution:

Step 1: Analyzing the association.

- "Soup" and "Vegetables" are related to food, while "Blood" is a biological term.

"Haemoglobin" is the protein in blood that transports oxygen, which connects well with "Blood" in a biological sense. The word "Haemoglobin" is the most appropriate association for all three words.

Step 2: Conclusion.

The word that best fits is "Haemoglobin".

Quick Tip

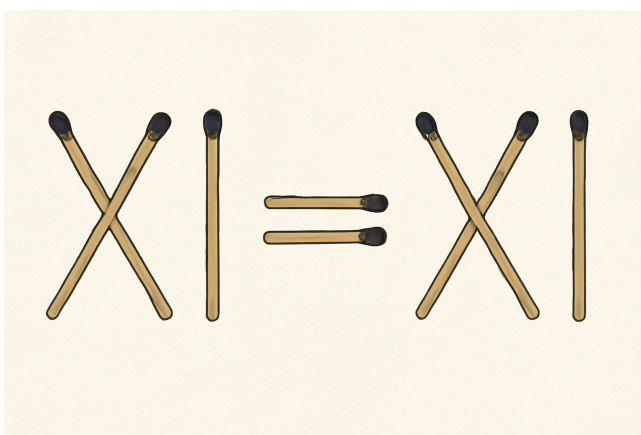
Look for words that have direct biological or functional associations when working with life-science-related terms.

75. How would you use six matchsticks to make them equal to eleven? Show it by drawing matchsticks in the given space in the answer booklet.

Solution:

To represent the number "11" using six matchsticks, you can arrange the matchsticks as follows:

II



Each "I" represents a matchstick standing vertically. You use two matchsticks for each "1" in the number "11". Hence, a total of six matchsticks are used to form the number eleven.

Quick Tip

To solve matchstick puzzles, think of how numbers can be formed with vertical or horizontal lines, and how matchsticks can be reused efficiently.
